

FORMER MUGLER SHORING INC. SITE

SITE No. C203052

2401 THIRD AVENUE, BRONX, NY

Block 2319 Lot 2

REMEDIAL INVESTIGATION REPORT

February 2016

Revised July 2016

Prepared for:

2401 3rd Ave Associates Property LLC
512 Seventh Avenue 15th Floor
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ENVIRONMENTAL BUSINESS CONSULTANTS

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LIST OF ACRONYMS

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

REPORT CERTIFICAION

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



Charles Sosik, PG
Principal

Date: 7-31-2016

1.0 INTRODUCTION

1.1 Project Background

This Remedial Investigation Report (RIR) was prepared on behalf of 2401 3rd Ave Associates Property LLC for the property known as the Former Mugler Shoring Inc. Site, located at 2401 Third Avenue, Bronx, New York. An application for acceptance into the New York State Brownfield Cleanup Program (BCP) was submitted to the New York State Department of Environmental Conservation (NYSDEC) on May 6, 2015. The application was determined to be complete on May 15, 2015. On June 29, 2015, the DEC notified 2401 3rd Ave Associates Property LLC that the Site had been accepted to the BCP (Site No. C203052) with the applicant defined as a Volunteer. The Brownfield Cleanup Agreement (BCA) was executed by the DEC on September 9, 2015. The Site has confirmed contamination in soil and groundwater which is related to historic on-site operations and fuel storage in underground tanks.

The purpose of this Remedial Investigation Report is to document the data collected during the Remedial Investigation 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 from November 20, 2015 through December 2, 2015.

1.2 Site Location and Description

The street address for the Site is 2401 Third Avenue, Bronx, NY (**Figure 1**). The Site is located in the City of New York in the Port Morris neighborhood of the Borough of the Bronx, comprised of a single tax parcel covering 61,034.98 (1.4 acres). The subject property is located in the City of New York and Borough of the Bronx (Bronx County). The lot is located on the west side of Third Avenue and is identified as Block 2319 Lot 2 on the NY City tax map. The property has 159 feet of street frontage on Third Avenue and approximately 346 ft of frontage along the north side of the Harlem River (**Figure 2**).

The lot is developed with a one-story 19,450 sf commercial building which according to the NYC Department of Buildings was constructed in 1931. The Property was assigned “E” designations (E-143) for air, noise, and hazardous materials as a result of the Port Morris/Bruckner Boulevard Rezoning action completed by the City in March 2005 (CEQR # 05DCP005X).

The property has an elevation of approximately 2 feet above the National Geodetic Vertical Datum (NGVD). Based upon regional groundwater contour maps, the depth to groundwater beneath the site is approximately 5-10 feet below existing grade and flows southwest toward the Harlem River.

The area surrounding the property is highly urbanized and predominantly consists of heavy commercial / industrial / warehouse properties to the north along a corridor adjacent to the Harlem River. Multi-use residential / commercial (retail) properties are present to the east along Bruckner Boulevard and a large housing project is located to the northeast.

1.3 Redevelopment Plans

The redevelopment project consists of the construction of two new 25-story residential tower buildings identified as the east and the west towers. The two towers flank an entry court which is open to the river and Manhattan views to the south. The East Tower is free-standing, serving as a “portal” on Third Avenue, whereas the West Tower has a 7-story base with common amenities and parking for 200 cars. The residential component consists of 475 rental units in an area of 399,798 gross square feet. Commercial (retail) and community space will be included in the west tower base.

1.4 Site History

The Site was historically used for manufacturing purposes since at least 1891. Historical operators include; J.L. Mott Iron Works (1891–1922), Hydraulic Steel Company (1922–1935), General Builders Supply Corporation (1935–1968), Brill Equipment Company (1949–1956), US Gear Manufacturing Company (1965–1971), Ohio Gasket Manufacturing Corporation (1971), and Mugler Inc. (1965–2015).

1.5 Summary of Previous Investigations

Environmental investigations performed at the Site include the following:

- Phase I Environmental Site Assessment - Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. October 28, 2014
- Phase II Environmental Site Investigation Report - Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. October 28, 2014

1.5.1 October 2014 - Phase I Environmental Site Assessment Report (Langan)

A Phase I Environmental Site Assessment Report was prepared by Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) on October 28, 2014. Based upon reconnaissance of the subject and surrounding properties, interviews and review of historical records and regulatory agency databases, Langan identified the following recognized environmental conditions (RECs):

- Current and Historical Manufacturing and Industrial Use:
The Subject Property was historically used for manufacturing purposes since at least 1891. Historical operators include; J.L. Mott Iron Works (1891–1922), Hydraulic Steel Company (1922–1935), General Builders Supply Corporation (1935–1968), Brill Equipment Company (1949–1956), US Gear Manufacturing Company (1965–1971), Ohio Gasket Manufacturing Corporation (1971), and Mugler Inc. (1965–present). Inadvertent releases of solvents, petroleum products, metals, polychlorinated biphenyls (PCB) and/or other chemicals used

during manufacturing operations may have adversely impacted soil, groundwater, building components and/or soil vapor. The Subject Property is presently operated by Mugler, Inc. for shoring equipment fabrication, storage, truck loading/unloading, and equipment repairs. As such, there are typical tools, maintenance/repair materials, and miscellaneous equipment used and stored throughout. Discoloration and staining were apparent throughout the interior of the building, suggesting incidental releases of petroleum products during truck maintenance, and the concrete slab was compromised in several areas. Because fractures in the slab provide a conduit for spilled motor oils and/or petroleum products to impact subsurface conditions, current use by Mugler, Inc. constitutes a REC.

- **On-Site Petroleum Bulk Storage:**
The following historical underground storage tanks (USTs) were identified:
 - One 550-gallon gasoline UST, located outside the southeast corner of the building, was reportedly closed-in place circa 1999.
 - An area of patched concrete and an apparent abandoned fill port southeast of the building, which is suspected to be associated with another decommissioned UST, was identified during the site reconnaissance.
 - One 1,550-gallon gasoline UST was identified on the 1935 through 1946 Sanborn maps.

Based on the known and suspected presence of historic tanks and lack of any documentation of tank closure, the historical USTs are an REC.

- **Current and Historical Use of Surrounding Properties:**
Include a private garage (1946–1951), lubricating oils storage (1935–1983), two chemical corporations (1935–1947), a paint manufacturer (1951), a coal yard (1935–1951), an auto building (1908–1947), an auto house (1935–1944), a private garage (1935–1944), a printing facility (1935–1947), and several auto repair shops (2005–2012). In addition, an active New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) site was identified approximately 660 feet northeast (up-gradient) of the Subject Property. Based on investigations conducted to date, the primary contaminants of concern in soil and groundwater are petroleum related compounds. No information was provided with respect to the off-Site migration of contaminants; however, the Environmental Database Report (EDR) report indicates that the potential exists for off-Site migration of site-related contaminants in soil vapor. Potential petroleum and solvent releases associated with the historical surrounding property uses may have adversely impacted groundwater and/or soil vapor at the Subject Property and is considered a REC.

1.5.2 October 2014 – Phase II Environmental Site Investigation Report (Langan)

A remedial investigation was performed by Langan for the property in July and August of 2014. The Phase II included the following scope of work:

1. Completion of a geophysical investigation;
2. Completion of seven soil borings and collection of 14 soil samples;
3. Installation and sampling of six temporary monitoring wells; and
4. Installation and sampling of six soil vapor points.

The findings of the Phase II are summarized as follows:

- The geophysical survey identified two major anomaly areas along the southeast corner of the Subject Property Building. Based on their reflection rates and their proximities, these anomalies are indicative of USTs located approximately 2 to 3 ft bgs. Another anomaly area consistent with disturbed soil was located along the western edge of the Subject Property.
- A layer of historic fill was identified throughout the Subject Property with thicknesses ranging from approximately 5 to 13 feet. This fill layer contained SCO exceedances (SVOC and metal) throughout the majority of the Site.
- The suite of metals and SVOCs and their concentrations detected in soil and groundwater across the site are attributed to historic fill material.
- One of the seven soil borings (SB-3) was installed next to a suspect 550-gallon gasoline UST that was reportedly decommissioned in 1999. Petroleum-like odors and PID readings (up to 700 ppm) were observed in the soil boring at depths of approximately 8 to 9 ft bgs. Groundwater analytical sampling results from this location confirmed the presence of a petroleum release. Article 12 of the New York State Navigation Law requires that anyone with knowledge of a petroleum release must report the discovery to the New York State Spill Hotline as soon as possible. Therefore, on 13 August, 2014, Langan called in a spill and Spill Case No. 1405230 was opened by NYSDEC.
- Soil vapor concentrations are below NYSDOH AGV values; however, based on the presence of VOCs in the soil vapor, remedial measures should include installation of a soil vapor mitigation system.
- Due to the E-designation of the site, additional investigation including soil, groundwater and soil vapor sampling will be required in order to comply with NYCOER guidelines and obtain permits for construction and occupancy of proposed building structures.
- If site development is planned, a Remedial Action Plan (RAP) and Construction Health and Safety Plan (CHASP) should be prepared and implemented. In accordance with the requirements of the E-Designation program, these documents must be submitted to OER for approval prior to the start of Site work. OER will require additional site investigation to support preparation of the RAP. The RAP and CHASP may need to address the following:
 - Handling, transport and disposal of excess material including fill and debris as required for development with all appropriate requirements.
 - A composite cover system for impacted material that may be left in-place after development. The cover system will prevent direct contact with or inhalation of contaminated material.
 - Odor and soil vapor intrusion should be addressed if odorous or VOC-impacted material is left in-place as part of the development.
 - Registration, removal and closure of known petroleum storage tanks.
 - Permitting and treatment, if required, of dewatering effluent.

- o Health and safety requirements addressing the contaminants of concern including a Community Air Monitoring Plan (CAMP) to monitor odor and dust.
- o A contingency plan for removal of currently unknown underground storage tanks or other subsurface structures

2.0 REMEDIAL INVESTIGATION

2.1 Field Investigation

The field work portion of the RI was conducted by EBC from November 20 through December 2, 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 of Manchester, CT (NY Cert No. 11301).

A sample matrix showing the number, type and analysis of samples collected during the Remedial Investigation is provided as **Table 1**.

2.2 Deviations from the Remedial Investigation Work Plan

The following changes were made in performing the Remedial Investigation:

- A soil gas sample was not collected from SG6 due to a faulty regulator on the summa canister.
- MW6 was not installed due to a miscommunication with the drill crew.
- Soil samples were not analyzed for B16 due to an error in completing the chain of custody form.

2.3 Soil Sampling

2.3.1 Soil Borings

A total of twenty-Three soil borings (15B1-15B23) were advanced on November 20, 23 and 24, 2015 to identify source areas and to obtain general soil quality information present at the Site (**Figure 3**).

At each soil boring location soil samples were collected continuously in 5-foot intervals from grade to a depth of 15 feet below grade using a Geoprobe™ 6720DT, probe drilling machine. The Geoprobe™ system uses a direct push hydraulic percussion system to drive and retrieve core samplers. Soil samples were retrieved using a 1.25-inch diameter, 5-foot long dual-tube sampler with disposable acetate liners. Soil recovered from each soil boring was field screened by an environmental professional for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. Soil samples were retained for laboratory analysis from all borings in accordance with the RIWP.

Retained samples were submitted for laboratory analysis of one or more of the following analyses: volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, TAL Metals, pesticides and PCBs by EPA Method 8081/8082. Soil boring locations are identified in **Figure 3**. Soil boring logs are provided in **Appendix A**.

2.4 Monitoring Well Installation

Twelve groundwater monitoring wells, MW1 - MW5 and MW7 - MW13D, were installed at the Site on November 20, November 24 and December 2, 2015. All of the wells were installed with a track mounted probe drilling machine. Wells MW1-MW10 were installed to a depth of approximately 15 feet below grade with 10 feet of 1-inch diameter 0.010-inch slotted PVC well screen and 5 feet of PVC riser. Wells MW11D-MW13D were installed to a depth of 30 ft with 10 ft of well screen.

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

Prior to sampling, a synoptic round of depth-to-groundwater (DTW) measurements was obtained from the wells on December 1, 2015 to determine the water table elevation and to calculate the volume of standing water in the well. A groundwater elevation map, from the December 2015 depth to water readings, is provided in **Figure 5**.

2.4.1 Groundwater Sampling

The monitoring wells were sampled on December 1 and 2, 2015.

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

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

2.5 Soil Vapor Sampling

Eight soil vapor samples (SG1-SG5, SG7-SG9) and five subslab vapor samples (SS1-SS5) were collected during the RI on December 1 and 2, 2015. The soil vapor sampling locations are 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)*.

2.5.1 Installation of Soil Vapor Implants

Eight soil vapor implants were installed at the Site on September 8, 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 3.5 ft below existing grade at all locations.

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 6" x 6" (approx.) plastic sheet.

Five subslab samples installed by drilling a 1/2 inch hole through the concrete slab with a handheld drill and inserting 1/4 inch polyethylene tubing to no more than 2 inches below the base of the slab. The tubing was then sealed at the surface with hydrated granular bentonite.

2.5.2 Surface Seal Test Procedure

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

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

2.5.3 Soil Vapor Sample Collection

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) were purged with a handheld vacuum pump prior to collecting the samples to ensure samples collected were representative. After purging, a 6-liter summa canister, fitted with a 2-hour flow regulator was attached to the surface tube of each of the sampling points and the valve opened to initiate sampling. Sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (**Appendix D**). When the remaining vacuum in the canisters was between 0 and 7 inches Hg, (after approximately 2 hrs of run-time) the valve was closed and the canisters were detached from the sampling tube. Sample canisters were picked up the following day by a Phoenix laboratory courier and delivered to the laboratory for analysis of VOCs by USEPA Method TO-15.

2.6 Laboratory Analysis

Data tables summarizing the laboratory results are provided in **Tables 3** through **13** and copies of the laboratory reports (with chains-of-custody) are included in digital format in **Appendix E**. Soil sample results were compared to both Unrestricted Use and Restricted Residential Soil Cleanup Objectives (SCOs) as promulgated in 6 NYCRR Subpart 375-6. Groundwater results were compared to NYSDEC Division of Water, Technical & Operational Guidance Series 1.1.1, Ambient Water

Quality Standards and Guidance Values (AWQS), June 1998. Soil vapor analytical results were compared to Outdoor Background Levels for Selected Compounds and sub-slab and indoor air guidance levels as presented in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006. **Table 14** contains a list of parameters detected above unrestricted and restricted residential soil cleanup objectives and the range in detections. **Table 15** contains a list of parameters detected above ambient groundwater standards and the range in detections.

2.6.1 Analytical Results – Soil Samples

A total of thirty-four soil samples were collected from 23 soil borings for laboratory analysis of one or more of the following parameters: VOCs (EPA Method 8260), SVOCs (EPA Method 8270), TAL metals and pesticides/PCBs (EPA Method 8081/8082).

Soil sampling results are summarized in **Tables 3** through **7**. All soil results above unrestricted and restricted residential use SCOs are presented in **Table 14** and posted on **Figure 7**.

Soil samples collected from the borings had elevated levels of VOCs, SVOCs and heavy metals that exceeded either unrestricted use or restricted residential use SCOs as follows:

VOCs in Soil Above Unrestricted Use SCOs:

15B3 (5-7ft) – benzene (65 ug/kg)

15B4 (6-8ft) – benzene (140 ug/kg)

15B8 (6-8ft) – acetone (110 ug/kg)

15B12 (6-8ft) – acetone (100 ug/kg), benzene (61 ug/kg)

15B21 (6-8ft) – acetone (72 ug/kg)

15B22 (6-8ft) – acetone (1,500 ug/kg)

15B23 (2-4ft) – acetone (510 ug/kg)

VOCs were not reported above NYSDEC (Part 375.6) Restricted Residential Soil Cleanup Objectives in any of the samples.

SVOCs in Soil Above Unrestricted Use SCOs:

15B4 (0-2ft) – Benzo(k)fluoranthene (1,100 ug/kg), Chrysene (1,500 µg/kg)

5B23 (2-4ft) – Chrysene (1,200 µg/kg)

SVOCs in Soil Above Restricted Residential SCOs:

15B1 (0-2ft) - Indeno(1,2,3-cd)pyrene (680 µg/kg)

15B4 (0-2ft) - Benzo(a)anthracene (1,600 µg/kg), Benzo(a)pyrene (1,300 µg/kg),
Benzo(b)fluoranthene (1,100 µg/kg), Indeno(1,2,3-cd)pyrene (820 µg/kg)

15B22 (6-8ft) - Benzo(a)pyrene (1,200 µg/kg)

15B23 (2-4ft) – Benzo(a)anthracene (1,300 µg/kg)

Metals in Soil Above Unrestricted Use SCOs:

15B1 (0-2ft) - Lead (76 mg/kg)

15B1 (5-7ft) - Nickel (36 mg/kg)

15B3 (0-2ft) - Copper (72.6 mg/kg), Lead (282 mg/kg), Mercury (0.31 mg/kg), Nickel (36.8 mg/kg)

15B3 (5-7ft) - Chromium (69.6 mg/kg), Copper (194 mg/kg)

15B4 (0-2ft) - Copper (100 mg/kg), Nickel (35.7 mg/kg)

15B6 (3-5ft) - Copper (64.6 mg/kg), Manganese (1,660 mg/kg), Nickel (49.6 mg/kg)

15B6 (10-12ft) - Chromium (32.8 mg/kg)

15B9 (0-2ft) - Nickel (45.9 mg/kg)

15B10 (6-8ft) - Chromium (45.9 mg/kg), Nickel (42.8 mg/kg)

15B11 (0-2ft) - Arsenic (14.2 mg/kg), Copper (51.2 mg/kg), Lead (317 mg/kg), Mercury (0.22 mg/kg), Nickel (33 mg/kg), Zinc (123 mg/kg)

15B13 (0-2ft) - Arsenic (14.2 mg/kg), Lead (89.3 mg/kg)

15B18 (0-2ft) - Lead (65.3 mg/kg)

15B22 (0-2ft) - Arsenic (14.2 mg/kg), Chromium (128 mg/kg), Mercury (0.34 mg/kg), Nickel (131 mg/kg), Silver (3.09 mg/kg)

15B22 (6-8ft) - Chromium (39.5 mg/kg), Copper (145 mg/kg), Lead (255 mg/kg), Zinc (223 mg/kg)

15B23 (2-4ft) - Lead (155 mg/kg)

15B23 (6-8ft) - Chromium (35.4 mg/kg)

Metals in Soil Above Restricted Residential SCOs:

15B3 (0-2ft) - Arsenic (19.5 mg/kg), Cadmium (3.41 mg/kg),

15B3 (5-7ft) - Arsenic (33.5 mg/kg), Lead (2,280 mg/kg), Manganese (2,750 mg/kg), Nickel (143 mg/kg)

15B4 (0-2ft) - Arsenic (19.5 mg/kg), Cadmium (4.01 mg/kg), Manganese (2,750 mg/kg), Mercury (0.92 mg/kg)

15B6 (3-5ft) - Cadmium (3.03 mg/kg)

15B9 (0-2ft) - Cadmium (2.98 mg/kg)

15B10 (6-8ft) - Arsenic (22.8 mg/kg), Cadmium (3.55 mg/kg)

15B11 (6-8ft) - Manganese (2,450 mg/kg)

15B18 (0-2ft) - Arsenic (20.1 mg/kg)

15B22 (0-2ft) - Barium (537 mg/kg), Cadmium (4.96 mg/kg), Zinc (2840 mg/kg)

15B22 (6-8ft) - Arsenic (34.9 mg/kg), Mercury (2.85 mg/kg)

15B23 (2-4ft) - Cadmium (2.54 mg/kg)

Pesticides Above Unrestricted SCOs:

15B11 (0-2ft) – 4,4'-DDT (4.2 µg/kg)

15B13 (0-2ft) – 4,4'-DDT (9.4 µg/kg), 4,4'-DDD (7.9 µg/kg)

15B22 (0-2ft) – 4,4'-DDE (130 µg/kg), 4,4'-DDT (280 µg/kg), α-Chlordane (300 µg/kg), Chlordane (120 µg/kg)

15B22 (0-2ft) – PCB-1260 (210 µg/kg)

2.6.2 Analytical Results – Groundwater Samples

A total of twelve groundwater samples were collected from the groundwater monitoring wells for laboratory analysis of VOCs (EPA Method 8260), SVOCs (EPA Method 8270), TAL metals and pesticides/PCBs (EPA Method 8081/8082).

The results of groundwater samples collected during the RI are summarized in **Tables 8** through **12**. Several VOC detections were in excess of the NYSDEC Division of Water, Technical & Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values (AWQS), June 1998.

VOCs in Groundwater Above NYSDEC AWQS:

MW3 - Chloromethane (39 µg/L)

MW5 - Chloromethane (8.3 µg/L)

MW12D - MTBE (100 µg/L)

MW13D - Chloromethane (16 µg/L)

SVOCs in Groundwater Above NYSDEC AWQS:

MW9 - Acenaphthylene (0.05 µg/L), Benz(a)anthracene (0.03 µg/L), Benzo(a)pyrene (0.03 µg/L), Benzo(ghi)perylene (0.04 µg/L), Bis(2-ethylhexyl)phthalate (0.05 µg/L)

Pesticides / PCBs in Groundwater Above NYSDEC AWQS:

MW9 - Arochlor 1254 (1.3 µg/L)

Total Metals in Groundwater Above NYSDEC AWQS:

Dissolved metals including sodium, magnesium and manganese were reported above standards in all of the wells reflecting brackish conditions due to the proximity to the Harlem River. Iron was reported above standards in MW2 and MW8.

Groundwater parameters reported above groundwater standards are presented in **Table 15** and posted on **Figure 8**.

2.6.3 Analytical Results – Soil Vapor Samples

In order to determine the vapor quality in the soil beneath the Site, soil vapor samples were collected from eight soil vapor implants (SG1-SG5, SG7-SG9) and five subslab vapor points. Analytical results were compared to the Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values, 2003).

Total petroleum-related VOCs (BTEX) were generally low in soil vapor samples and ranged from 2.74 µg/m³ (SG1) to 61.7 µg/m³ (SG8) in the soil gas samples and from 3.48 µg/m³ (SS2) to 34.84 µg/m³ (SS4) in the subslab vapor samples. Heptane and hexane were reported at elevated concentrations in some of the soil vapor samples with the highest concentrations reported in SG2, SG3 and SG5.

CVOCs were reported in all of the soil vapor and subslab samples with total CVOCs ranging from 0.28 µg/m³ (SG1) to 26.06 µg/m³ (SG9) in the soil gas samples and from 0.69 µg/m³ (SS4) to 5.15 µg/m³ (SS2) in the subslab samples.

Soil vapor results are summarized on **Table 13** and posted on **Figure 9**.

2.6.4 Data Usability Summary Report

Data validation services were provided by H&S Environmental 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 **Appendix F**.

3.0 HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING

3.1 Site Topography

According to the USGS topographic map for the area (Central Park Quadrangle), the elevation of the property is approximately 5 feet above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes to the west.

3.2 Surrounding Land Use

The area surrounding the property is highly urbanized and predominantly consists of heavy commercial / industrial / warehouse properties to the north along a corridor adjacent to the Harlem River. Multi-use residential / commercial (retail) properties are present to the east along Bruckner Boulevard and a large housing project is located to the northeast.

3.3 Regional Geology / Hydrogeology

The bedrock geology at the property and in the immediate vicinity consists of Inwood Marble of Lower Ordovician to Lower Cambrian age with steep westerly dip of its upper surface. The depth to bedrock is anticipated at approximately 20 to 30 feet below land surface (ft-bls). Bedrock is overlain by an unconsolidated overburden of an unsorted heterogeneous mix of Pleistocene and Recent glacial material (i.e., glacial till) including clay, silt, sands, gravel, cobbles, and boulders. This overburden is overlain by historic urban fill.

3.4 Site Geology / Hydrogeology

Subsurface soils at the Site consist of historic fill materials in and silty-sand matrix to a depth of approximately 5 feet below grade. A silty clay was present below this layer to a depth of 15 feet in those borings located closer to the shore. Further inland a medium to coarse sand was encountered beneath the fill to a depth of 15 feet (**Figure 10**).

Groundwater at the Site is present under water table conditions at a depth of 5.17 to 6.75 feet below grade (**Table 2**). Based upon on-site measurements, groundwater flow is to the southwest (**Figure 5**).

Considering the poor quality of groundwater in the area, including high levels of sodium and magnesium associated with saltwater intrusion, there is no anticipated future groundwater use.

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Identification of Source Areas

The source area identified during the RI includes an area in the vicinity of a suspect underground gasoline tank. The source area includes petroleum VOCs.

Historic fill material has been identified across the Site to depths as great as 7 feet below grade. The historic fill material contains semi-volatile organic compounds and metals including arsenic, barium, chromium, copper, lead, mercury, nickel, silver and zinc above unrestricted, restricted residential or restricted commercial use SCOs.

4.2 Groundwater Impacts

Groundwater impacts from petroleum were not reported during the RI but were reported previously in the vicinity of the suspect underground gasoline tank.

SVOC detections above groundwater standards were limited to those polynuclear aromatic hydrocarbons (PAHs) with a 2 per trillion standard. Exceedances of the part per trillion standards for PAHs were reported in well MW9. SVOCs reported in the parts per trillion range are a function of the laboratories ability to achieve extremely low detection limits and general background conditions.

The PCB Arochlor 1254 was also reported above standards in MW9.

Several dissolved metals were detected above standards including sodium, iron and manganese were detected above standards throughout the Site. The metals detected in groundwater are related to brackish conditions and are associated with the Site's proximity to the Harlem River.

4.3 Soil-Vapor Impacts

With the exception of lighter compounds such as heptane and hexane in several samples, total petroleum-related VOCs were generally low in soil vapor samples across the Site. There did not appear to be any correlation in concentration or distribution of petroleum VOCs in soil vapor with the source area.

CVOCs were also generally low and were reported in all of the soil vapor samples with concentrations ranging from 0.28 $\mu\text{g}/\text{m}^3$ to 26.06 $\mu\text{g}/\text{m}^3$.

4.4 Site Conceptual Model

VOC contamination at the Site consists of petroleum related contaminants in soil to a depth of 8 feet in the vicinity of a suspect 550 gallon underground storage tank (UST) that was previously abandoned in place. Released gasoline migrated through the soil column to the water table. Some gasoline constituents dissolved into the groundwater in the immediate vicinity of the tank. There does not appear to be any migration of dissolved VOCs from the source area.

Lighter end VOC components such as heptane and hexane have transferred to the vapor phase from impacted soil and / or groundwater.

5.0 QUALITATIVE EXPOSURE ASSESSMENT

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

5.1 Contaminant Source

Source areas of the Site include petroleum VOCs in the north-central area of the Site in the vicinity of a suspect UST.

Elevated levels of metals and PAHs are also present in fill materials throughout the Site to depths as great as 7 ft below grade.

5.2 Contaminant Release and Transport Mechanism

Petroleum contamination is present in subsurface soil in the north-central area of the Site in the vicinity of a suspect gasoline storage tank. The contamination extends vertically to the groundwater interface. There appears to be minimal transfer of petroleum VOCs to the groundwater despite the fact that impacted soil is in contact with the groundwater. There does not appear to be any significant transfer of petroleum VOCs to the vapor phase or concern for off-site vapor migration.

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, and heavy metals through several routes including , 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.

Future occupants of the new building including commercial retail workers, residents and visitors could be exposed to SVOCs and heavy metals in soil through ingestion and dermal contact if these contaminants were to remain in exposed soils at the Site and to heptane and hexane in soil vapor through inhalation if these contaminants were to remain in soil vapor.

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.

5.4 Fish and Wildlife Resource Impact Analysis

Due to the proximity of the Site to the Harlem River (see Figure 1), a Fish and Wildlife Resource Impact Analysis (FWRIA) was included in the Remedial Investigation Work Plan. The purpose of the FWRIA is to evaluate whether contamination at the Site represents a potential for adverse impacts to fish or wildlife resources in the adjacent river. The FWRIA was performed in accordance with section 3.10 of DER Technical Guidance for Site Investigation and Remediation (DER-10, May 2010).

Part 1 - Resource Characterization

The purpose of the FWRIA Part 1 is to identify actual or potential impacts to fish and wildlife resources from site contaminants of ecological concern.

When paragraphs 1 through 4 below apply at a site, it is assumed no FWRIA is needed.

1. The remediation is directed toward a specific discharge or spill event that does not adversely impact fish and wildlife resources.
2. The AOCs at the site consist solely of an underground storage tank(s) or an underground tank system, with no significant impact on surrounding groundwater or surface water.
3. The site is a point source of contamination to the groundwater (i.e. dry cleaner or gas station) which will be prevented from discharging to surface water, and there is no widespread soil contamination or habitat of an endangered, threatened or special concern species present.
4. There are no ecological resources present on or in the vicinity of the site, determined pursuant to paragraph (c)1 below (e.g. an urban site which is not proximate to a surface water body, wetland or other ecologically significant area).

Of these four conditions, three (1-3) apply to the Site as follows:

- The UST areas located in the central area of the Site have been identified as the source of petroleum contamination at the Site. The remedial efforts will focus on these areas which are located approximately 100 feet from the shoreline.
- The UST areas contain some petroleum impacted soil, however impacts were not reported in groundwater. Although it is possible that petroleum impacted groundwater is the immediate vicinity of the USTs, monitoring wells between the tanks and the River had no detections of petroleum VOCs.
- The contamination is limited to the vicinity of the USTs and there is no widespread contamination present and no habitat of endangered or threatened species present.

With respect to item 4 itself, the Harlem River is an ecological resource in close proximity to the Site (Figure 1). According to studies performed on the River the macroinvertebrate communities in the River are typical of a New England Estuary. Overall the macroinvertebrate organisms that

inhabit the River are very tolerant of a changing and somewhat polluted environment. The Harlem River has been designated as an Essential Fish Habitat for 11 fish species. Amphibians and reptiles potentially occurring near the Site include turtles, frogs, toads and lizards. A variety of birds including raptors, gulls and waterfowl are also considered to be potentially occurring. Mammals including moles, bats, rabbits, rodents, raccoons and skunks may also be present.

Based on the nature and location of the contamination at the site, with limited impact to subsurface soils and groundwater and no evidence of migration / discharge of contaminants to the River, there are no expected adverse impacts to River. However, the presence of elevated levels of SVOCs, metals and pesticides in surficial soil at the Site would be a concern if these contaminants were to be discharged to the river in sediments from surface runoff. Therefore, capping or otherwise stabilizing surficial soil should be included in the Remedial Plan developed for the Site.

6.0 CONCLUSIONS AND RECOMENDATIONS

Subsurface soils at the Site consist of historic fill materials in and silty-sand matrix to a depth of approximately 5 feet below grade. A silty clay was present below this layer to a depth of 15 feet in those borings located closer to the shore. Further inland a medium to coarse sand was encountered beneath the fill to a depth of 15 feet.

Groundwater at the Site is present under water table conditions at a depth of 5.17 to 6.75 feet below grade and flows to the southwest.

The results of sampling performed during this RI, identified petroleum related contaminants in soil to a depth of 8 feet in the vicinity of a suspect 550 gallon underground storage tank (UST) that was previously abandoned in place.

Historic fill material has been identified across the Site to depths as great as 7 feet below grade. The historic fill material contains semi-volatile organic compounds and metals including arsenic, barium, chromium, copper, lead, mercury, nickel, silver and zinc above unrestricted, restricted residential or restricted commercial use SCOs.

Groundwater impacts from petroleum were not reported during the RI but were reported previously in the vicinity of the suspect underground gasoline tank. SVOC detections above groundwater standards were limited to those polynuclear aromatic hydrocarbons (PAHs) with a 2 per trillion standard. Exceedances of the part per trillion standards for PAHs were reported in well MW9. SVOCs reported in the parts per trillion range are a function of the laboratories ability to achieve extremely low detection limits and general background conditions.

The PCB Arochlor 1254 was also reported above standards in MW9.

Several dissolved metals were detected above standards including sodium, iron and manganese were detected above standards throughout the Site. The metals detected in groundwater are related to brackish conditions and are associated with the Site's proximity to the Harlem River.

With the exception of lighter compounds such as heptane and hexane in several samples, total petroleum-related VOCs were generally low in soil vapor samples across the Site. There did not appear to be any correlation in concentration or distribution of petroleum VOCs in soil vapor with the source area.

CVOCs were also generally low and were reported in all of the soil vapor samples with concentrations ranging from $0.28 \mu\text{g}/\text{m}^3$ to $26.06 \mu\text{g}/\text{m}^3$. Heptane and hexane were reported in elevated concentrations in the southeastern 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 VOCs, SVOCs, CVOCs, pesticides and heavy metals during excavation activities. The Health and Safety Plan prepared for the site identifies such exposures and provides instructions for on-site workers to minimize potential exposure.

Potential completed routes of exposure were also identified for future occupants of the new building including commercial retail workers, residents and visitors to SVOCs and heavy metals in soil through ingestion and dermal contact if these contaminants were to remain in exposed soils at the Site and to heptane and hexane in soil vapor through inhalation if these contaminants were to remain in soil vapor.

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.

Potential environmental impacts through the groundwater to surface water discharge were considered unlikely based on the concentrations of VOCs in groundwater and the absence of any evidence of migration toward the River. However, the presence of elevated levels of SVOCs, metals and pesticides in surficial soil at the Site would be a concern if these contaminants were to be discharged to the river in sediments from surface runoff.

Recommendations include removal of the suspect USTs, excavation and disposal of petroleum contaminated soil within the source areas and proper handling and disposal of all soils excavated for structural elements of the new building. Due to elevated levels of metals and SVOCs in fill materials at the Site, an engineered cap consisting of concrete building slabs and walkways and a minimum of two-feet of certified clean soil cover in exposed soil /landscaped areas will also be required. Future buildings should be evaluated for potential vapor intrusion related to the elevated levels of heptane and hexane in the southeastern area of the Site.

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.

7.0 REFERENCES

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

Environmental Business Consultants, September 2015, *Remedial Investigation Work Plan*

Langan Engineering, October 2014, *Phase I Environmental Site Assessment*

Langan Engineering, October 2014, *Phase II Environmental Site Investigation Report*

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

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

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

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
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Remedial Investigation Sampling Summary

Matrix	Location	Number of Samples	Rationale for Sampling	Laboratory Analysis
Total (Soils)		34		
Subsurface soil (0 to 5 feet)	11 soil borings throughout the Site. Samples collected at 0-2 ft, 2-4 ft, and 3-5 ft intervals.	11	To evaluate the extent of soil impact and obtain information on soil quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, Pesticides / PCBs EPA Method 8081/8082, TAL Metals
Subsurface soil (5 to 10 feet)	10 soil borings throughout the Site. Samples collected at 5-7 ft and 6-8 ft intervals.	10	To evaluate the extent of soil impact and obtain information on soil quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, Pesticides / PCBs EPA Method 8081/8082, TAL Metals
Subsurface soil (5 to 10 feet)	10 soil borings throughout the Site. Samples collected at 5-7 ft, 6-8 ft and 8-10 ft intervals.	10	To evaluate the extent of soil impact and obtain information on soil quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270
Subsurface soil (10 to 15 feet)	1 soil boring throughout the site. Samples collected at the 10-12 ft interval.	1	To evaluate the extent of soil impact and obtain information on soil quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, Pesticides / PCBs EPA Method 8081/8082, TAL Metals
Subsurface soil (10 to 15 feet)	2 soil boring throughout the site. Samples collected at 10-12 ft and 13-15 ft intervals.	2	To evaluate the extent of soil impact and obtain information on soil quality at the Site.	VOCs EPA Method 8260B and SVOCs EPA Method 8270
Total (Groundwater)		12		
Groundwater (below water table)	From 12 monitoring wells across the Site.	12	To assess groundwater quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, Pesticide / PCBs EPA Method 8081/8082, Dissolved Metals
Total (Soil Gas)		13		
Soil Gas (3 ft below grade)	8 soil gas implant locations installed 3 ft beneath the first floor level across the Site.	8	Evaluate soil gas across the Site.	VOCs EPA Method TO15
Sub-Slab Soil Gas (6 in. below basement slab)	5 soil gas implant locations installed beneath the basement level slab-on-grade foundation throughout the Site.	5	Evaluate soil gas across the Site.	VOCs EPA Method TO15
Total (QA / QC Samples)		4		
Trip Blanks (Groundwater)	Two laboratory prepared trip blanks to accompany samples each time they are delivered to the laboratory.	2	To meet requirements of QA / QC program.	VOCs EPA Method 8260B
Duplicates (Soil)	Created a duplicate of another soil sample in the field for the purpose of comparison and quality control.	2	To meet requirements of QA / QC program.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, Pesticides / PCBs EPA Method 8081/8082, TAL Metals

TABLE 2
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Monitoring Well Specifications and Elevation

Well No.	Well Diameter (in)	Total Well Depth (ft)	Screened Interval (ft)	Survey Reading	Casing Elevation	DTW 12/1/2015	DTP	PT	GW ELV 12/22/2015
MW1	1	15	5-15	4.44	95.56	6.03	-	-	89.53
MW2	1	15	5-15	3.33	96.67	5.45	-	-	91.22
MW3	1	15	5-15	2.68	97.32	6.55	-	-	90.77
MW4	1	15	5-15	2.05	97.95	6.75	-	-	91.20
MW5	1	15	5-15	3.23	96.77	5.17	-	-	91.60
MW7	1	15	5-15	4.78	95.22	5.53	-	-	89.69
MW8	1	15	5-15	4.78	95.22	5.49	-	-	89.73
MW9	1	15	5-15	3.14	96.86	5.91	-	-	90.95
MW10	1	15	5-15	4.24	95.76	5.29	-	-	90.47
MW11D	1	30	20-30	3.66	96.34	6.23	-	-	90.11
MW12D	1	30	20-30	3.07	96.93	6.20	-	-	90.73
MW13D	1	30	20-30	3.47	96.53	5.89	-	-	90.64

TABLE 3
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
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*	15B1								15B2			
			11/24/2015								11/24/2015			
			(0-2') µg/Kg				(5-7') µg/Kg				(6-8') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachloroethane			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
1,1,1-Trichloroethane	680	100,000	< 1100	1,100	U	55	< 5.3	5.3	U	1.1	< 21	21	U	1.0
1,1,2,2-Tetrachloroethane			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
1,1,2-Trichloroethane			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
1,1-Dichloroethane	270	26,000	< 140	140	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
1,1-Dichloroethene	330	100,000	< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
1,1-Dichloropropene			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
1,2,3-Trichlorobenzene			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
1,2,3-Trichloropropane			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
1,2,4-Trichlorobenzene			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
1,2,4-Trimethylbenzene	3,600	52,000	100	270	J	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
1,2-Dibromo-3-chloropropane			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
1,2-Dibromomethane			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
1,2-Dichlorobenzene	1,100	100,000	< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
1,2-Dichloroethane	20	3,100	< 27	27	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
1,2-Dichloropropane			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
1,3,5-Trimethylbenzene	8,400	52,000	62	270	J	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
1,3-Dichlorobenzene	2,400	4,900	< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
1,3-Dichloropropane			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
1,4-Dichlorobenzene	1,800	13,000	< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
1,4-dioxane			< 2200	2,200	U	2200	< 100	100	U	42	< 100	100	U	41
2,2-Dichloropropane			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
2-Chlorotoluene			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
2-Hexanone (Methyl Butyl Ketone)			< 1400	1,400	U	270	< 27	27	U	5.3	< 26	26	U	5.1
2-Isopropyltoluene			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
4-Chlorotoluene			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
4-Methyl-2-Pentanone			< 1400	1,400	U	270	< 27	27	U	5.3	< 26	26	U	5.1
Acetone	50	100,000	< 270	270	U	270	10	50	JS	5.3	< 50	50	U	5.1
Acrolein			< 1100	1,100	U	140	< 21	21	U	2.7	< 21	21	U	2.6
Acrylonitrile			< 1100	1,100	U	27	< 11	11	U	1.1	< 10	10	U	1.0
Benzene	60	4,800	< 55	55	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Bromobenzene			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Bromochloromethane			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Bromodichloromethane			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
Bromoform			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
Bromomethane			< 270	270	U	110	< 5.3	5.3	U	2.1	< 5.1	5.1	U	2.1
Carbon Disulfide			< 270	270	U	55	< 5.3	5.3	U	1.1	2.8	5.1	J	1.0
Carbon tetrachloride	760	2,400	< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
Chlorobenzene	1,100	100,000	< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Chloroethane			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Chloroform	370	49,000	< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Chloromethane			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
cis-1,2-Dichloroethene	250	100,000	< 140	140	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
cis-1,3-Dichloropropene			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Dibromochloromethane			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
Dibromomethane			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
Dichlorodifluoromethane			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Ethylbenzene	1,000	41,000	60	270	J	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Hexachlorobutadiene			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Isopropylbenzene			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
m&p-Xylenes	260	100,000	250	270	J	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 270	270	U	270	< 32	32	U	5.3	< 31	31	U	5.1
Methyl t-butyl ether (MTBE)	930	100,000	< 550	550	U	55	< 11	11	U	1.1	< 10	10	U	1.0
Methylene chloride	50	100,000	< 270	270	U	270	< 5.3	5.3	U	5.3	< 5.1	5.1	U	5.1
Naphthalene	12,000	100,000	2,900	270		55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
n-Butylbenzene	12,000	100,000	< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
n-Propylbenzene	3,900	100,000	< 270	270	U	49	< 5.3	5.3	U	0.95	< 5.1	5.1	U	0.93
o-Xylene	260	100,000	55	270	J	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
p-Isopropyltoluene			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
sec-Butylbenzene	11,000	100,000	< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Styrene			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Tert-butyl alcohol			< 5500	5,500	U	1100	< 110	110	U	21	35	100	J	21
tert-Butylbenzene	5,900	100,000	< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Tetrachloroethene	1,300	19,000	< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
Tetrahydrofuran (THF)			< 550	550	U	140	< 11	11	U	2.7	< 10	10	U	2.6
Toluene	700	100,000	400	270		27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
trans-1,2-Dichloroethene	190	100,000	< 140	140	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
trans-1,3-Dichloropropene			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
trans-1,4-dichloro-2-butene			< 550	550	U	140	< 11	11	U	2.7	< 10	10	U	2.6
Trichloroethene	470	21,000	< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Trichlorofluoromethane			< 270	270	U	55	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0
Trichlorotrifluoroethane			< 270	270	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Vinyl Chloride	20	900	< 27	27	U	27	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51
Total BTEX Concentration			765				0				0			
Total VOCs Concentration			3827				10				37.8			

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL.
U	The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

TABLE 3
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
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*	15B3											
			11/24/2015											
			(0-2') µg/Kg				(5-7') µg/Kg				(13-15') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachloroethane			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
1,1,1-Trichloroethane	680	100,000	< 720	720	U	36	< 920	920	U	46	< 14	14	U	0.70
1,1,2,2-Tetrachloroethane			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
1,1,2-Trichloroethane			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
1,1-Dichloroethane	270	26,000	< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
1,1-Dichloroethene	330	100,000	< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
1,1-Dichloropropene			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
1,2,3-Trichlorobenzene			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
1,2,3-Trichloropropane			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
1,2,4-Trichlorobenzene			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
1,2,4-Trimethylbenzene	3,600	52,000	63	180	J	18	110	230	J	23	< 3.5	3.5	U	0.35
1,2-Dibromo-3-chloropropane			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
1,2-Dibromomethane			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
1,2-Dichlorobenzene	1,100	100,000	< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
1,2-Dichloroethane	20	3,100	< 18	18	U	18	< 20	20	U	20	< 3.5	3.5	U	0.35
1,2-Dichloropropane			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
1,3,5-Trimethylbenzene	8,400	52,000	50	180	J	18	42	230	J	23	< 3.5	3.5	U	0.35
1,3-Dichlorobenzene	2,400	4,900	< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
1,3-Dichloropropane			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
1,4-Dichlorobenzene	1,800	13,000	< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
1,4-dioxane			< 1400	1,400	U	1400	< 1800	1,800	U	1800	< 70	70	U	28
2,2-Dichloropropane			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
2-Chlorotoluene			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
2-Hexanone (Methyl Butyl Ketone)			< 900	900	U	180	< 1200	1,200	U	230	< 18	18	U	3.5
2-Isopropyltoluene			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
4-Chlorotoluene			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
4-Methyl-2-Pentanone			< 900	900	U	180	< 1200	1,200	U	230	< 18	18	U	3.5
Acetone	50	100,000	< 180	180	U	180	< 230	230	U	230	3.8	35	JS	3.5
Acrolein			< 720	720	U	90	< 920	920	U	120	< 14	14	U	1.8
Acrylonitrile			< 720	720	U	18	< 920	920	U	23	< 7.0	7.0	U	0.70
Benzene	60	4,800	23	58	J	18	65	230	J	23	< 3.5	3.5	U	0.35
Bromobenzene			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
Bromochloromethane			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
Bromodichloromethane			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
Bromoform			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
Bromomethane			< 180	180	U	72	< 230	230	U	92	< 3.5	3.5	U	1.4
Carbon Disulfide			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
Carbon tetrachloride	760	2,400	< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
Chlorobenzene	1,100	100,000	< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
Chloroethane			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
Chloroform	370	49,000	< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
Chloromethane			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
cis-1,2-Dichloroethene	250	100,000	< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
cis-1,3-Dichloropropene			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
Dibromochloromethane			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
Dibromomethane			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
Dichlorodifluoromethane			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
Ethylbenzene	1,000	41,000	39	180	J	18	65	230	J	23	< 3.5	3.5	U	0.35
Hexachlorobutadiene			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
Isopropylbenzene			< 180	180	U	18	72	230	J	23	< 3.5	3.5	U	0.35
m&p-Xylenes	260	100,000	60	180	J	36	140	230	J	46	< 3.5	3.5	U	0.70
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 180	180	U	180	< 230	230	U	230	< 21	21	U	3.5
Methyl t-butyl ether (MTBE)	930	100,000	< 360	360	U	36	< 460	460	U	46	< 7.0	7.0	U	0.70
Methylene chloride	50	100,000	< 180	180	U	180	< 230	230	U	230	< 3.5	3.5	U	3.5
Naphthalene	12,000	100,000	56	180	J	36	< 230	230	U	46	< 3.5	3.5	U	0.70
n-Butylbenzene	12,000	100,000	< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
n-Propylbenzene	3,900	100,000	< 180	180	U	32	68	230	J	42	< 3.5	3.5	U	0.63
o-Xylene	260	100,000	< 180	180	U	36	58	230	J	46	< 3.5	3.5	U	0.70
p-Isopropyltoluene			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
sec-Butylbenzene	11,000	100,000	< 180	180	U	18	75	230	J	23	< 3.5	3.5	U	0.35
Styrene			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
Tert-butyl alcohol			< 3600	3,600	U	720	< 4600	4,600	U	920	< 70	70	U	14
tert-Butylbenzene	5,900	100,000	< 180	180	U	18	41	230	J	23	< 3.5	3.5	U	0.35
Tetrachloroethene	1,300	19,000	< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
Tetrahydrofuran (THF)			< 360	360	U	90	< 460	460	U	120	< 7.0	7.0	U	1.8
Toluene	700	100,000	54	180	J	18	99	230	J	23	< 3.5	3.5	U	0.35
trans-1,2-Dichloroethene	190	100,000	< 180	180	U	18	< 120	120	U	23	< 3.5	3.5	U	0.35
trans-1,3-Dichloropropene			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
trans-1,4-dichloro-2-butene			< 360	360	U	90	< 460	460	U	120	< 7.0	7.0	U	1.8
Trichloroethene	470	21,000	< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
Trichlorofluoromethane			< 180	180	U	36	< 230	230	U	46	< 3.5	3.5	U	0.70
Trichlorotrifluoroethane			< 180	180	U	18	< 230	230	U	23	< 3.5	3.5	U	0.35
Vinyl Chloride	20	900	< 18	18	U	18	< 20	20	U	20	< 3.5	3.5	U	0.35
Total BTEX Concentration			176				427				0			
Total VOCs Concentration			345				835				3.8			

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

TABLE 3
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
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*	15B4												15B5			
			11/24/2015												11/24/2015			
			(0-2')				(6-8')				(10-12')				(6-8')			
			µg/Kg				µg/Kg				µg/Kg				µg/Kg			
Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL			
1,1,1,2-Tetrachloroethane			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
1,1,1-Trichloroethane	680	100,000	< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
1,1,2,2-Tetrachloroethane			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
1,1,2-Trichloroethane			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
1,1-Dichloroethane	270	26,000	< 220	220	U	44	< 170	170	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
1,1-Dichloroethene	330	100,000	< 220	220	U	22	< 170	170	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
1,1-Dichloropropene			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
1,2,3-Trichlorobenzene			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
1,2,3-Trichloropropane			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
1,2,4-Trichlorobenzene			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
1,2,4-Trimethylbenzene	3,600	52,000	< 220	220	U	22	91	340	J	34	< 220	220	U	22	< 5.9	5.9	U	0.59
1,2-Dibromo-3-chloropropane			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
1,2-Dibromomethane			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
1,2-Dichlorobenzene	1,100	100,000	< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
1,2-Dichloroethane	20	3,100	< 20	20	U	20	< 34	34	U	34	< 20	20	U	20	< 5.9	5.9	U	0.59
1,2-Dichloropropane			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
1,3,5-Trimethylbenzene	8,400	52,000	< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
1,3-Dichlorobenzene	2,400	4,900	< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
1,3-Dichloropropane			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
1,4-Dichlorobenzene	1,800	13,000	< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
1,4-dioxane			< 1800	1,800	U	1800	< 2700	2,700	U	2700	< 4500	4,500	U	1800	< 94	94	U	47
2,2-Dichloropropane			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
2-Chlorotoluene			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
2-Hexanone (Methyl Butyl Ketone)			< 1100	1,100	U	220	< 1700	1,700	U	340	< 1100	1,100	U	220	< 30	30	U	5.9
2-Isopropyltoluene			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
4-Chlorotoluene			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
4-Methyl-2-Pentanone			< 1100	1,100	U	220	< 1700	1,700	U	340	< 1100	1,100	U	220	< 30	30	U	5.9
Acetone	50	100,000	< 220	220	U	220	< 340	340	U	340	< 220	220	U	220	29	47	JS	5.9
Acrolein			< 880	880	U	110	< 1300	1,300	U	170	< 890	890	U	110	< 24	24	U	3.0
Acrylonitrile			< 880	880	U	22	< 670	670	U	67	< 450	450	U	45	< 12	12	U	1.2
Benzene	60	4,800	43	57	J	22	140	340	J	34	< 58	58	U	22	< 5.9	5.9	U	0.59
Bromobenzene			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
Bromochloromethane			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
Bromodichloromethane			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
Bromoform			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
Bromomethane			< 220	220	U	88	< 340	340	U	130	< 220	220	U	89	< 5.9	5.9	U	2.4
Carbon Disulfide			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
Carbon tetrachloride	760	2,400	< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
Chlorobenzene	1,100	100,000	< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
Chloroethane			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
Chloroform	370	49,000	< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
Chloromethane			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
cis-1,2-Dichloroethene	250	100,000	< 220	220	U	22	< 170	170	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
cis-1,3-Dichloropropene			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
Dibromochloromethane			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
Dibromomethane			< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
Dichlorodifluoromethane			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
Ethylbenzene	1,000	41,000	< 220	220	U	22	61	340	J	34	< 220	220	U	22	< 5.9	5.9	U	0.59
Hexachlorobutadiene			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
Isopropylbenzene			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
m&p-Xylenes	260	100,000	< 220	220	U	44	140	340	J	67	< 220	220	U	45	< 5.9	5.9	U	1.2
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 220	220	U	220	< 340	340	U	340	< 220	220	U	220	< 35	35	U	5.9
Methyl t-butyl ether (MTBE)	930	100,000	< 440	440	U	44	< 670	670	U	67	< 450	450	U	45	2.1	12	J	1.2
Methylene chloride	50	100,000	< 220	220	U	220	< 340	340	U	340	< 220	220	U	220	< 5.9	5.9	U	5.9
Naphthalene	12,000	100,000	< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
n-Butylbenzene	12,000	100,000	< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
n-Propylbenzene	3,900	100,000	< 220	220	U	40	< 340	340	U	61	< 220	220	U	40	< 5.9	5.9	U	1.1
o-Xylene	260	100,000	< 220	220	U	44	< 340	340	U	67	< 220	220	U	45	< 5.9	5.9	U	1.2
p-Isopropyltoluene			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
sec-Butylbenzene	11,000	100,000	< 220	220	U	22	44	340	J	34	< 220	220	U	22	< 5.9	5.9	U	0.59
Styrene			< 220	220	U	22	< 340	340	U	34	< 220	220	U	22	< 5.9	5.9	U	0.59
Tert-butyl alcohol			< 4400	4,400	U	880	< 6700	6,700	U	1300	< 4500	4,500	U	890	< 120	120	U	24
tert-Butylbenzene	5,900	100,000	< 220	220														

TABLE 3
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
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*	15B6								15SB7				15B8			
			11/20/2015								11/20/2015				11/20/2015			
			(3-5') µg/Kg				(10-12') µg/Kg				(6-8') µg/Kg				(6-8') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachloroethane			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
1,1,1-Trichloroethane	680	100,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
1,1,2,2-Tetrachloroethane			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
1,1,2-Trichloroethane			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
1,1-Dichloroethane	270	26,000	<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
1,1-Dichloroethene	330	100,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
1,1-Dichloropropene			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
1,2,3-Trichlorobenzene			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
1,2,3-Trichloropropane			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
1,2,4-Trichlorobenzene			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
1,2,4-Trimethylbenzene	3,600	52,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
1,2-Dibromo-3-chloropropane			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
1,2-Dibromomethane			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
1,2-Dichlorobenzene	1,100	100,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
1,2-Dichloroethane	20	3,100	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
1,2-Dichloropropane			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
1,3,5-Trimethylbenzene	8,400	52,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
1,3-Dichlorobenzene	2,400	4,900	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
1,3-Dichloropropane			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
1,4-Dichlorobenzene	1,800	13,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
1,4-dioxane			<100	100	U	42	<100	100	U	71	<94	94	U	38	<100	100	U	61
2,2-Dichloropropane			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
2-Chlorotoluene			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
2-Hexanone (Methyl Butyl Ketone)			<26	26	U	5.3	<44	44	U	8.9	<23	23	U	4.7	<38	38	U	7.6
2-Isopropyltoluene			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
4-Chlorotoluene			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
4-Methyl-2-Pentanone			<26	26	U	5.3	<44	44	U	8.9	<23	23	U	4.7	<38	38	U	7.6
Acetone	50	100,000	22	50	JS	5.3	39	50	JS	8.9	11	47	JS	4.7	110	50	S	7.6
Acrolein			<21	21	U	2.6	<35	35	U	4.4	<19	19	U	2.3	<31	31	U	3.8
Acrylonitrile			<11	11	U	1.1	<18	18	U	1.8	<9.4	9.4	U	0.94	<15	15	U	1.5
Benzene	60	4,800	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	0.91	7.6	J	0.76
Bromobenzene			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
Bromochloromethane			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
Bromodichloromethane			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
Bromoform			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
Bromomethane			<5.3	5.3	U	2.1	<8.9	8.9	U	3.5	<4.7	4.7	U	1.9	<7.6	7.6	U	3.1
Carbon Disulfide			<5.3	5.3	U	1.1	8.3	8.9	J	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
Carbon tetrachloride	760	2,400	<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
Chlorobenzene	1,100	100,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
Chloroethane			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
Chloroform	370	49,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
Chloromethane			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
cis-1,2-Dichloroethene	250	100,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
cis-1,3-Dichloropropene			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
Dibromochloromethane			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
Dibromomethane			<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
Dichlorodifluoromethane			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
Ethylbenzene	1,000	41,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
Hexachlorobutadiene			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
Isopropylbenzene			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
m,p-Xylenes	260	100,000	<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
Methyl Ethyl Ketone (2-Butanone)	120	100,000	<32	32	U	5.3	<53	53	U	8.9	<28	28	U	4.7	33	46	J	7.6
Methyl t-butyl ether (MTBE)	930	100,000	<11	11	U	1.1	<18	18	U	1.8	<9.4	9.4	U	0.94	<15	15	U	1.5
Methylene chloride	50	100,000	<5.3	5.3	U	5.3	<8.9	8.9	U	8.9	<4.7	4.7	U	4.7	<7.6	7.6	U	7.6
Naphthalene	12,000	100,000	<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
n-Butylbenzene	12,000	100,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
n-Propylbenzene	3,900	100,000	<5.3	5.3	U	0.95	<8.9	8.9	U	1.6	<4.7	4.7	U	0.84	<7.6	7.6	U	1.4
o-Xylene	260	100,000	<5.3	5.3	U	1.1	<8.9	8.9	U	1.8	<4.7	4.7	U	0.94	<7.6	7.6	U	1.5
p-Isopropyltoluene			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
sec-Butylbenzene	11,000	100,000	<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
Styrene			<5.3	5.3	U	0.53	<8.9	8.9	U	0.89	<4.7	4.7	U	0.47	<7.6	7.6	U	0.76
Tert-butyl alcohol			<110	110	U	21	<180	180	U	35	<94	94	U	19	<150	150	U	31
tert-Butylbenzene	5,900	100,000	<5.3	5.3	U	0.53	<8.9	8										

TABLE 3
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
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*	15B9								15B10			
			11/20/2015								11/20/2015			
			(0-2') µg/Kg				(6-8') µg/Kg				(6-8') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachloroethane			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
1,1,1-Trichloroethane	680	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
1,1,2,2-Tetrachloroethane			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
1,1,2-Trichloroethane			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
1,1-Dichloroethane	270	26,000	< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
1,1-Dichloroethene	330	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
1,1-Dichloropropene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
1,2,3-Trichlorobenzene			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
1,2,3-Trichloropropane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
1,2,4-Trichlorobenzene			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
1,2,4-Trimethylbenzene	3,600	52,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
1,2-Dibromo-3-chloropropane			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
1,2-Dibromomethane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
1,2-Dichlorobenzene	1,100	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
1,2-Dichloroethane	20	3,100	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
1,2-Dichloropropane			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
1,3,5-Trimethylbenzene	8,400	52,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
1,3-Dichlorobenzene	2,400	4,900	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
1,3-Dichloropropane			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
1,4-Dichlorobenzene	1,800	13,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
1,4-dioxane			< 85	85	U	34	< 89	89	U	35	< 94	94	U	38
2,2-Dichloropropane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
2-Chlorotoluene			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
2-Hexanone (Methyl Butyl Ketone)			< 21	21	U	4.2	< 22	22	U	4.4	< 24	24	U	4.7
2-Isopropyltoluene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
4-Chlorotoluene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
4-Methyl-2-Pentanone			< 21	21	U	4.2	< 22	22	U	4.4	< 24	24	U	4.7
Acetone	50	100,000	5	42	JS	4.2	6.2	44	JS	4.4	17	47	JS	4.7
Acrolein			< 17	17	U	2.1	< 18	18	U	2.2	< 19	19	U	2.4
Acrylonitrile			< 8.5	8.5	U	0.85	< 8.9	8.9	U	0.89	< 9.4	9.4	U	0.94
Benzene	60	4,800	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Bromobenzene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Bromochloromethane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Bromodichloromethane			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
Bromoform			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
Bromomethane			< 4.2	4.2	U	1.7	< 4.4	4.4	U	1.8	< 4.7	4.7	U	1.9
Carbon Disulfide			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
Carbon tetrachloride	760	2,400	< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
Chlorobenzene	1,100	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Chloroethane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Chloroform	370	49,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Chloromethane			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
cis-1,2-Dichloroethene	250	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
cis-1,3-Dichloropropene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Dibromochloromethane			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
Dibromomethane			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
Dichlorodifluoromethane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Ethylbenzene	1,000	41,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Hexachlorobutadiene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Isopropylbenzene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
m&p-Xylenes	260	100,000	< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 25	25	U	4.2	< 27	27	U	4.4	< 28	28	U	4.7
Methyl t-butyl ether (MTBE)	930	100,000	< 8.5	8.5	U	0.85	< 8.9	8.9	U	0.89	< 9.4	9.4	U	0.94
Methylene chloride	50	100,000	< 4.2	4.2	U	4.2	< 4.4	4.4	U	4.4	< 4.7	4.7	U	4.7
Naphthalene	12,000	100,000	< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
n-Butylbenzene	12,000	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
n-Propylbenzene	3,900	100,000	< 4.2	4.2	U	0.76	< 4.4	4.4	U	0.80	< 4.7	4.7	U	0.85
o-Xylene	260	100,000	< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
p-Isopropyltoluene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
sec-Butylbenzene	11,000	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Styrene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Tert-butyl alcohol			< 85	85	U	17	< 89	89	U	18	< 94	94	U	19
tert-Butylbenzene	5,900	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Tetrachloroethene	1,300	19,000	< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
Tetrahydrofuran (THF)			< 8.5	8.5	U	2.1	< 8.9	8.9	U	2.2	< 9.4	9.4	U	2.4
Toluene	700	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
trans-1,2-Dichloroethene	190	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
trans-1,3-Dichloropropene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
trans-1,4-dichloro-2-butene			< 8.5	8.5	U	2.1	< 8.9	8.9	U	2.2	< 9.4	9.4	U	2.4
Trichloroethene	470	21,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Trichlorofluoromethane			< 4.2	4.2	U	0.85	< 4.4	4.4	U	0.89	< 4.7	4.7	U	0.94
Trichlorotrifluoroethane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Vinyl Chloride	20	900	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 4.7	4.7	U	0.47
Total BTEX Concentration			0				0				0			
Total VOCs Concentration			5				6.2				17			

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL.
U	The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

TABLE 3
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
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*	15B11								15B12			
			11/23/2015								11/23/2015			
			(0-2') µg/Kg				(6-8') µg/Kg				(6-8') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachloroethane			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
1,1,1-Trichloroethane	680	100,000	< 30	30	U	1.5	< 3.7	3.7	U	0.73	< 18	18	U	0.89
1,1,2,2-Tetrachloroethane			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 270	270	U	54
1,1,2-Trichloroethane			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
1,1-Dichloroethane	270	26,000	< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
1,1-Dichloroethene	330	100,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
1,1-Dichloropropene			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
1,2,3-Trichlorobenzene			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 270	270	U	54
1,2,3-Trichloropropane			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
1,2,4-Trichlorobenzene			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 270	270	U	54
1,2,4-Trimethylbenzene	3,600	52,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
1,2-Dibromo-3-chloropropane			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 270	270	U	54
1,2-Dibromomethane			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
1,2-Dichlorobenzene	1,100	100,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
1,2-Dichloroethane	20	3,100	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
1,2-Dichloropropane			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
1,3,5-Trimethylbenzene	8,400	52,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
1,3-Dichlorobenzene	2,400	4,900	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
1,3-Dichloropropane			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
1,4-Dichlorobenzene	1,800	13,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
1,4-dioxane			< 100	100	U	60	< 73	73	U	29	< 89	89	U	36
2,2-Dichloropropane			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
2-Chlorotoluene			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 270	270	U	54
2-Hexanone (Methyl Butyl Ketone)			< 37	37	U	7.5	< 18	18	U	3.7	< 22	22	U	4.4
2-Isopropyltoluene			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
4-Chlorotoluene			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
4-Methyl-2-Pentanone			< 37	37	U	7.5	< 18	18	U	3.7	< 22	22	U	4.4
Acetone	50	100,000	< 37	37	U	7.5	19	37	JS	3.7	100	44	S	4.4
Acrolein			< 30	30	U	3.7	< 15	15	U	1.8	< 18	18	U	2.2
Acrylonitrile			< 15	15	U	1.5	< 7.3	7.3	U	0.73	< 8.9	8.9	U	0.89
Benzene	60	4,800	0.79	7.5	J	0.75	< 3.7	3.7	U	0.37	61	60		27
Bromobenzene			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
Bromochloromethane			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
Bromodichloromethane			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
Bromoform			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
Bromomethane			< 7.5	7.5	U	3.0	< 3.7	3.7	U	1.5	< 4.4	4.4	U	1.8
Carbon Disulfide			2.8	7.5	J	1.5	< 3.7	3.7	U	0.73	2.3	4.4	J	0.89
Carbon tetrachloride	760	2,400	< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
Chlorobenzene	1,100	100,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
Chloroethane			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
Chloroform	370	49,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
Chloromethane			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
cis-1,2-Dichloroethene	250	100,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
cis-1,3-Dichloropropene			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
Dibromochloromethane			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
Dibromomethane			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
Dichlorodifluoromethane			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
Ethylbenzene	1,000	41,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
Hexachlorobutadiene			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
Isopropylbenzene			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
m&p-Xylenes	260	100,000	< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 45	45	U	7.5	< 22	22	U	3.7	< 27	27	U	4.4
Methyl t-butyl ether (MTBE)	930	100,000	< 15	15	U	1.5	< 7.3	7.3	U	0.73	< 8.9	8.9	U	0.89
Methylene chloride	50	100,000	< 7.5	7.5	U	7.5	< 3.7	3.7	U	3.7	< 4.4	4.4	U	4.4
Naphthalene	12,000	100,000	< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 270	270	U	54
n-Butylbenzene	12,000	100,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
n-Propylbenzene	3,900	100,000	< 7.5	7.5	U	1.3	< 3.7	3.7	U	0.66	< 270	270	U	49
o-Xylene	260	100,000	< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
p-Isopropyltoluene			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
sec-Butylbenzene	11,000	100,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
Styrene			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
Tert-butyl alcohol			< 150	150	U	30	< 73	73	U	15	< 89	89	U	18
tert-Butylbenzene	5,900	100,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 270	270	U	27
Tetrachloroethene	1,300	19,000	< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
Tetrahydrofuran (THF)			< 15	15	U	3.7	< 7.3	7.3	U	1.8	< 8.9	8.9	U	2.2
Toluene	700	100,000	1.3	7.5	J	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
trans-1,2-Dichloroethene	190	100,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
trans-1,3-Dichloropropene			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
trans-1,4-dichloro-2-butene			< 15	15	U	3.7	< 7.3	7.3	U	1.8	< 540	540	U	140
Trichloroethene	470	21,000	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
Trichlorofluoromethane			< 7.5	7.5	U	1.5	< 3.7	3.7	U	0.73	< 4.4	4.4	U	0.89
Trichlorotrifluoroethane			< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
Vinyl Chloride	20	900	< 7.5	7.5	U	0.75	< 3.7	3.7	U	0.37	< 4.4	4.4	U	0.44
Total BTEX Concentration			2.09				0				61			
Total VOCs Concentration			4.89				19				163.3			

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

TABLE 3
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
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*	15B13								15B14				15B15			
			11/20/2015								11/20/2015				11/20/2015			
			(0-2')				(6-8')				(5-7')				(6-8')			
			µg/Kg				µg/Kg				µg/Kg				µg/Kg			
Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL			
1,1,1,2-Tetrachloroethane			< 5.9	5.9	U	1.2	< 20	20	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
1,1,1-Trichloroethane	680	100,000	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
1,1,2,2-Tetrachloroethane			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
1,1,2-Trichloroethane			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
1,1-Dichloroethane	270	26,000	< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
1,1-Dichloroethene	330	100,000	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
1,1-Dichloropropene			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
1,2,3-Trichlorobenzene			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
1,2,3-Trichloropropane			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
1,2,4-Trichlorobenzene			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
1,2,4-Trimethylbenzene	3,600	52,000	85	410	J	41	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
1,2-Dibromo-3-chloropropane			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
1,2-Dibromomethane			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
1,2-Dichlorobenzene	1,100	100,000	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
1,2-Dichloroethane	20	3,100	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
1,2-Dichloropropane			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
1,3,5-Trimethylbenzene	8,400	52,000	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
1,3-Dichlorobenzene	2,400	4,900	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
1,3-Dichloropropane			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
1,4-Dichlorobenzene	1,800	13,000	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
1,4-dioxane			< 100	100	U	48	< 100	100	U	40	< 100	100	U	62	< 93	93	U	37
2,2-Dichloropropane			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
2-Chlorotoluene			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
2-Hexanone (Methyl Butyl Ketone)			< 30	30	U	5.9	< 25	25	U	5.1	< 39	39	U	7.7	< 23	23	U	4.6
2-Isopropyltoluene			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
4-Chlorotoluene			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
4-Methyl-2-Pentanone			< 30	30	U	5.9	< 25	25	U	5.1	< 39	39	U	7.7	< 23	23	U	4.6
Acetone	50	100,000	34	50	JS	5.9	< 50	50	U	5.1	< 50	50	U	7.7	18	46	JS	4.6
Acrolein			< 24	24	U	3.0	< 20	20	U	2.5	< 31	31	U	3.9	< 19	19	U	2.3
Acrylonitrile			< 24	24	U	0.59	< 10	10	U	1.0	< 15	15	U	1.5	< 9.3	9.3	U	0.93
Benzene	60	4,800	0.73	5.9	J	0.59	< 5.1	5.1	U	0.51	4.5	7.7	J	0.77	< 4.6	4.6	U	0.46
Bromobenzene			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
Bromochloromethane			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
Bromodichloromethane			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
Bromoform			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
Bromomethane			< 5.9	5.9	U	2.4	< 5.1	5.1	U	2.0	< 7.7	7.7	U	3.1	< 4.6	4.6	U	1.9
Carbon Disulfide			3.8	5.9	J	1.2	< 5.1	5.1	U	1.0	3.7	7.7	J	1.5	4	4.6	J	0.93
Carbon tetrachloride	760	2,400	< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
Chlorobenzene	1,100	100,000	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
Chloroethane			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
Chloroform	370	49,000	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
Chloromethane			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
cis-1,2-Dichloroethene	250	100,000	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
cis-1,3-Dichloropropene			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
Dibromochloromethane			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
Dibromomethane			< 5.9	5.9	U	1.2	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
Dichlorodifluoromethane			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
Ethylbenzene	1,000	41,000	45	410	J	41	< 5.1	5.1	U	0.51	1	7.7	J	0.77	< 4.6	4.6	U	0.46
Hexachlorobutadiene			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
Isopropylbenzene			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
m&p-Xylenes	260	100,000	210	410	J	82	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 36	36	U	5.9	< 30	30	U	5.1	< 46	46	U	7.7	< 28	28	U	4.6
Methyl t-butyl ether (MTBE)	930	100,000	< 12	12	U	1.2	< 10	10	U	1.0	< 15	15	U	1.5	< 9.3	9.3	U	0.93
Methylene chloride	50	100,000	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
Naphthalene	12,000	100,000	170	410	J	82	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
n-Butylbenzene	12,000	100,000	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
n-Propylbenzene	3,900	100,000	< 5.9	5.9	U	1.1	< 5.1	5.1	U	0.91	< 7.7	7.7	U	1.4	< 4.6	4.6	U	0.83
o-Xylene	260	100,000	150	410	J	82	< 5.1	5.1	U	1.0	< 7.7	7.7	U	1.5	< 4.6	4.6	U	0.93
p-Isopropyltoluene			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
sec-Butylbenzene	11,000	100,000	< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46
Styrene			< 5.9	5.9	U	0.59	< 5.1	5.1	U	0.51	< 7.7	7.7	U	0.77	< 4.6	4.6	U	0.46

TABLE 3
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
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*	15B17				15B18							
			11/20/2015				11/20/2015							
			(6-8") µg/Kg				(0-2") µg/Kg				(6-8") µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachloroethane			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
1,1,1-Trichloroethane	680	100,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
1,1,2,2-Tetrachloroethane			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
1,1,2-Trichloroethane			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
1,1-Dichloroethane	270	26,000	< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
1,1-Dichloroethene	330	100,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
1,1-Dichloropropene			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
1,2,3-Trichlorobenzene			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
1,2,3-Trichloropropane			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
1,2,4-Trichlorobenzene			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
1,2,4-Trimethylbenzene	3,600	52,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
1,2-Dibromo-3-chloropropane			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
1,2-Dibromomethane			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
1,2-Dichlorobenzene	1,100	100,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
1,2-Dichloroethane	20	3,100	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
1,2-Dichloropropane			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
1,3,5-Trimethylbenzene	8,400	52,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
1,3-Dichlorobenzene	2,400	4,900	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
1,3-Dichloropropane			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
1,4-Dichlorobenzene	1,800	13,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
1,4-dioxane			< 100	100	U	47	< 69	69	U	28	< 82	82	U	33
2,2-Dichloropropane			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
2-Chlorotoluene			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
2-Hexanone (Methyl Butyl Ketone)			< 29	29	U	5.8	< 17	17	U	3.5	< 20	20	U	4.1
2-Isopropyltoluene			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
4-Chlorotoluene			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
4-Methyl-2-Pentanone			< 29	29	U	5.8	< 17	17	U	3.5	< 20	20	U	4.1
Acetone	50	100,000	< 50	50	U	5.8	6.1	35	JS	3.5	< 4.1	4.1	U	4.1
Acrolein			< 23	23	U	2.9	< 14	14	U	1.7	< 16	16	U	2.0
Acrylonitrile			< 12	12	U	1.2	< 6.9	6.9	U	0.69	< 8.2	8.2	U	0.82
Benzene	60	4,800	< 5.8	5.8	U	0.58	1.3	3.5	J	0.35	< 4.1	4.1	U	0.41
Bromobenzene			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Bromochloromethane			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Bromodichloromethane			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
Bromoform			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
Bromomethane			< 5.8	5.8	U	2.3	< 3.5	3.5	U	1.4	< 4.1	4.1	U	1.6
Carbon Disulfide			1.2	5.8	J	1.2	1.3	3.5	J	0.69	< 4.1	4.1	U	0.82
Carbon tetrachloride	760	2,400	< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
Chlorobenzene	1,100	100,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Chloroethane			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Chloroform	370	49,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Chloromethane			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
cis-1,2-Dichloroethene	250	100,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
cis-1,3-Dichloropropene			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Dibromochloromethane			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
Dibromomethane			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
Dichlorodifluoromethane			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Ethylbenzene	1,000	41,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Hexachlorobutadiene			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Isopropylbenzene			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
m&p-Xylenes	260	100,000	< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 35	35	U	5.8	< 21	21	U	3.5	< 25	25	U	4.1
Methyl t-butyl ether (MTBE)	930	100,000	< 12	12	U	1.2	< 6.9	6.9	U	0.69	< 8.2	8.2	U	0.82
Methylene chloride	50	100,000	< 5.8	5.8	U	5.8	< 3.5	3.5	U	3.5	< 4.1	4.1	U	4.1
Naphthalene	12,000	100,000	< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
n-Butylbenzene	12,000	100,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
n-Propylbenzene	3,900	100,000	< 5.8	5.8	U	1.1	< 3.5	3.5	U	0.62	< 4.1	4.1	U	0.74
o-Xylene	260	100,000	< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
p-Isopropyltoluene			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
sec-Butylbenzene	11,000	100,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Styrene			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Tert-butyl alcohol			< 120	120	U	23	< 69	69	U	14	< 82	82	U	16
tert-Butylbenzene	5,900	100,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Tetrachloroethene	1,300	19,000	< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
Tetrahydrofuran (THF)			< 12	12	U	2.9	< 6.9	6.9	U	1.7	< 8.2	8.2	U	2.0
Toluene	700	100,000	< 5.8	5.8	U	0.58	0.65	3.5	J	0.35	< 4.1	4.1	U	0.41
trans-1,2-Dichloroethene	190	100,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
trans-1,3-Dichloropropene			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
trans-1,4-dichloro-2-butene			< 12	12	U	2.9	< 6.9	6.9	U	1.7	< 8.2	8.2	U	2.0
Trichloroethene	470	21,000	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Trichlorofluoromethane			< 5.8	5.8	U	1.2	< 3.5	3.5	U	0.69	< 4.1	4.1	U	0.82
Trichlorotrifluoroethane			< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Vinyl Chloride	20	900	< 5.8	5.8	U	0.58	< 3.5	3.5	U	0.35	< 4.1	4.1	U	0.41
Total BTEX Concentration			0				1.95				0			
Total VOCs Concentration			1.2				9.35				0			

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL.
U	The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

TABLE 3
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
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*	15B19								15B20				15B21			
			11/20/2015								11/20/2015				11/20/2015			
			(0-2')				(6-8')				(8-10')				(6-8')			
			µg/Kg				µg/Kg				µg/Kg				µg/Kg			
Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL			
1,1,1,2-Tetrachloroethane			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 30	30	U	1.5
1,1,1-Trichloroethane	680	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
1,1,2,2-Tetrachloroethane			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
1,1,2-Trichloroethane			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
1,1-Dichloroethane	270	26,000	< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
1,1-Dichloroethene	330	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
1,1-Dichloropropene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
1,2,3-Trichlorobenzene			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
1,2,3-Trichloropropane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
1,2,4-Trichlorobenzene			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
1,2,4-Trimethylbenzene	3,600	52,000	3.7	4.2	J	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
1,2-Dibromo-3-chloropropane			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
1,2-Dibromomethane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
1,2-Dichlorobenzene	1,100	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
1,2-Dichloroethane	20	3,100	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
1,2-Dichloropropane			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
1,3,5-Trimethylbenzene	8,400	52,000	1.7	4.2	J	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
1,3-Dichlorobenzene	2,400	4,900	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
1,3-Dichloropropane			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
1,4-Dichlorobenzene	1,800	13,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
1,4-dioxane			< 84	84	U	34	< 88	88	U	35	< 70	70	U	28	< 100	100	U	59
2,2-Dichloropropane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
2-Chlorotoluene			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
2-Hexanone (Methyl Butyl Ketone)			< 21	21	U	4.2	< 22	22	U	4.4	< 17	17	U	3.5	< 37	37	U	7.4
2-Isopropyltoluene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
4-Chlorotoluene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
4-Methyl-2-Pentanone			< 21	21	U	4.2	< 22	22	U	4.4	< 17	17	U	3.5	< 37	37	U	7.4
Acetone	50	100,000	6.8	42	JS	4.2	< 44	44	U	4.4	10	35	JS	3.5	72	74	JS	7.4
Acrolein			< 17	17	U	2.1	< 18	18	U	2.2	< 14	14	U	1.7	< 30	30	U	3.7
Acrylonitrile			< 8.4	8.4	U	0.84	< 8.8	8.8	U	0.88	< 7.0	7.0	U	0.70	< 30	30	U	0.74
Benzene	60	4,800	0.5	4.2	J	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
Bromobenzene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
Bromochloromethane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
Bromodichloromethane			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
Bromoform			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
Bromomethane			< 4.2	4.2	U	1.7	< 4.4	4.4	U	1.8	< 3.5	3.5	U	1.4	< 7.4	7.4	U	3.0
Carbon Disulfide			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	5.4	3.5		0.70	9.3	7.4		1.5
Carbon tetrachloride	760	2,400	< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
Chlorobenzene	1,100	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
Chloroethane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
Chloroform	370	49,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
Chloromethane			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
cis-1,2-Dichloroethene	250	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
cis-1,3-Dichloropropene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
Dibromochloromethane			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
Dibromomethane			< 4.2	4.2	U	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
Dichlorodifluoromethane			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
Ethylbenzene	1,000	41,000	0.61	4.2	J	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
Hexachlorobutadiene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
Isopropylbenzene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
m&p-Xylenes	260	100,000	2.2	4.2	J	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 25	25	U	4.2	< 26	26	U	4.4	< 21	21	U	3.5	21	45	J	7.4
Methyl t-butyl ether (MTBE)	930	100,000	< 8.4	8.4	U	0.84	< 8.8	8.8	U	0.88	< 7.0	7.0	U	0.70	1.9	15	J	1.5
Methylene chloride	50	100,000	< 4.2	4.2	U	4.2	< 4.4	4.4	U	4.4	< 3.5	3.5	U	3.5	< 7.4	7.4	U	7.4
Naphthalene	12,000	100,000	2	4.2	J	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
n-Butylbenzene	12,000	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
n-Propylbenzene	3,900	100,000	< 4.2	4.2	U	0.76	< 4.4	4.4	U	0.79	< 3.5	3.5	U	0.63	< 7.4	7.4	U	1.3
o-Xylene	260	100,000	1.2	4.2	J	0.84	< 4.4	4.4	U	0.88	< 3.5	3.5	U	0.70	< 7.4	7.4	U	1.5
p-Isopropyltoluene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
sec-Butylbenzene	11,000	100,000	< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5	3.5	U	0.35	< 7.4	7.4	U	0.74
Styrene			< 4.2	4.2	U	0.42	< 4.4	4.4	U	0.44	< 3.5							

TABLE 3
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
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*	15B22								15B23							
			11/20/2015								11/20/2015							
			(0-2')				(6-8')				(2-4')				(6-8')			
			µg/Kg				µg/Kg				µg/Kg				µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachloroethane			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
1,1,1-Trichloroethane	680	100,000	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
1,1,2,2-Tetrachloroethane			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
1,1,2-Trichloroethane			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
1,1-Dichloroethane	270	26,000	< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
1,1-Dichloroethene	330	100,000	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
1,1-Dichloropropene			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
1,2,3-Trichlorobenzene			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
1,2,3-Trichloropropane			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
1,2,4-Trichlorobenzene			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
1,2,4-Trimethylbenzene	3,600	52,000	< 5.0	5.0	U	0.50	34	330	J	33	< 230	230	U	23	< 7.3	7.3	U	0.73
1,2-Dibromo-3-chloropropane			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
1,2-Dibromomethane			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
1,2-Dichlorobenzene	1,100	100,000	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
1,2-Dichloroethane	20	3,100	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 20	20	U	20	< 7.3	7.3	U	0.73
1,2-Dichloropropane			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
1,3,5-Trimethylbenzene	8,400	52,000	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
1,3-Dichlorobenzene	2,400	4,900	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
1,3-Dichloropropane			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
1,4-Dichlorobenzene	1,800	13,000	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
1,4-dioxane			< 100	100	U	40	< 100	100	U	51	< 1800	1,800	U	1800	< 100	100	U	58
2,2-Dichloropropane			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
2-Chlorotoluene			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
2-Hexanone (Methyl Butyl Ketone)			< 25	25	U	5.0	< 32	32	U	6.3	< 1100	1,100	U	230	< 36	36	U	7.3
2-Isopropyltoluene			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
4-Chlorotoluene			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
4-Methyl-2-Pentanone			< 25	25	U	5.0	< 32	32	U	6.3	< 1100	1,100	U	230	< 36	36	U	7.3
Acetone	50	100,000	19	50	JS	5.0	1,500	3,300	JS	330	510	2,300	JS	230	23	50	JS	7.3
Acrolein			< 20	20	U	2.5	< 25	25	U	3.2	< 910	910	U	110	< 29	29	U	3.6
Acrylonitrile			< 20	20	U	0.50	< 13	13	U	1.3	< 450	450	U	45	< 15	15	U	1.5
Benzene	60	4,800	0.94	5.0	J	0.50	< 6.3	6.3	U	0.63	29	59	J	23	< 7.3	7.3	U	0.73
Bromobenzene			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
Bromochloromethane			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
Bromodichloromethane			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
Bromoform			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
Bromomethane			< 5.0	5.0	U	2.0	< 6.3	6.3	U	2.5	< 230	230	U	91	< 7.3	7.3	U	2.9
Carbon Disulfide			< 5.0	5.0	U	1.0	180	330	J	65	< 230	230	U	45	6.2	7.3	J	1.5
Carbon tetrachloride	760	2,400	< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
Chlorobenzene	1,100	100,000	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
Chloroethane			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
Chloroform	370	49,000	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
Chloromethane			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	120	230	J	45	< 7.3	7.3	U	1.5
cis-1,2-Dichloroethene	250	100,000	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
cis-1,3-Dichloropropene			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
Dibromochloromethane			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
Dibromomethane			< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
Dichlorodifluoromethane			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
Ethylbenzene	1,000	41,000	< 5.0	5.0	U	0.50	45	330	J	33	67	230	J	23	< 7.3	7.3	U	0.73
Hexachlorobutadiene			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
Isopropylbenzene			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
m&p-Xylenes	260	100,000	< 5.0	5.0	U	1.0	89	330	J	65	58	230	J	45	< 7.3	7.3	U	1.5
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 30	30	U	5.0	< 38	38	U	6.3	< 230	230	U	230	< 44	44	U	7.3
Methyl t-butyl ether (MTBE)	930	100,000	< 10	10	U	1.0	< 13	13	U	1.3	< 450	450	U	45	< 15	15	U	1.5
Methylene chloride	50	100,000	< 5.0	5.0	U	5.0	< 6.3	6.3	U	6.3	< 230	230	U	230	< 7.3	7.3	U	7.3
Naphthalene	12,000	100,000	< 5.0	5.0	U	1.0	400	330		65	< 230	230	U	45	< 7.3	7.3	U	1.5
n-Butylbenzene	12,000	100,000	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	29	230	J	23	< 7.3	7.3	U	0.73
n-Propylbenzene	3,900	100,000	< 5.0	5.0	U	0.90	< 6.3	6.3	U	1.1	< 230	230	U	41	< 7.3	7.3	U	1.3
o-Xylene	260	100,000	< 5.0	5.0	U	1.0	< 6.3	6.3	U	1.3	< 230	230	U	45	< 7.3	7.3	U	1.5
p-Isopropyltoluene			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
sec-Butylbenzene	11,000	100,000	< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
Styrene			< 5.0	5.0	U	0.50	< 6.3	6.3	U	0.63	< 230	230	U	23	< 7.3	7.3	U	0.73
Tert-butyl alcohol			< 100	100	U	20	< 130	130	U	25	< 4500	4,500	U	910	< 150	150	U	29
tert-Butylbenzene	5,900	100,000	< 5.0	5.0	U	0.50	< 6.3	6.3</										

TABLE 3
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
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*	Duplicate				Duplicate			
			11/20/2015				11/23/2015			
			µg/Kg				µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachloroethane			< 9.7	9.7	U	1.9	< 340	340	U	34
1,1,1-Trichloroethane	680	100,000	< 9.7	9.7	U	0.97	< 340	340	U	69
1,1,2,2-Tetrachloroethane			< 9.7	9.7	U	1.9	< 340	340	U	69
1,1,2-Trichloroethane			< 9.7	9.7	U	1.9	< 340	340	U	69
1,1-Dichloroethane	270	26,000	< 9.7	9.7	U	1.9	< 250	250	U	69
1,1-Dichloroethene	330	100,000	< 9.7	9.7	U	0.97	< 330	330	U	34
1,1-Dichloropropene			< 9.7	9.7	U	0.97	< 340	340	U	34
1,2,3-Trichlorobenzene			< 9.7	9.7	U	1.9	< 340	340	U	69
1,2,3-Trichloropropane			< 9.7	9.7	U	0.97	< 340	340	U	34
1,2,4-Trichlorobenzene			< 9.7	9.7	U	1.9	< 340	340	U	69
1,2,4-Trimethylbenzene	3,600	52,000	< 9.7	9.7	U	0.97	< 340	340	U	34
1,2-Dibromo-3-chloropropane			< 9.7	9.7	U	1.9	< 340	340	U	69
1,2-Dibromomethane			< 9.7	9.7	U	0.97	< 340	340	U	34
1,2-Dichlorobenzene	1,100	100,000	< 9.7	9.7	U	0.97	< 340	340	U	34
1,2-Dichloroethane	20	3,100	< 9.7	9.7	U	0.97	< 340	340	U	34
1,2-Dichloropropane			< 9.7	9.7	U	1.9	< 340	340	U	69
1,3,5-Trimethylbenzene	8,400	52,000	1.6	9.7	J	0.97	< 340	340	U	34
1,3-Dichlorobenzene	2,400	4,900	< 9.7	9.7	U	0.97	< 340	340	U	34
1,3-Dichloropropane			< 9.7	9.7	U	1.9	< 340	340	U	69
1,4-Dichlorobenzene	1,800	13,000	< 9.7	9.7	U	0.97	< 340	340	U	34
1,4-dioxane			< 100	100	U	77	< 6900	6,900	U	2800
2,2-Dichloropropane			< 9.7	9.7	U	0.97	< 340	340	U	34
2-Chlorotoluene			< 9.7	9.7	U	1.9	< 340	340	U	69
2-Hexanone (Methyl Butyl Ketone)			< 48	48	U	9.7	< 1700	1,700	U	340
2-Isopropyltoluene			< 9.7	9.7	U	0.97	< 340	340	U	34
4-Chlorotoluene			< 9.7	9.7	U	0.97	< 340	340	U	34
4-Methyl-2-Pentanone			< 48	48	U	9.7	< 1700	1,700	U	340
Acetone	50	100,000	18	50	JS	9.7	< 340	340	U	340
Acrolein			< 39	39	U	4.8	< 1400	1,400	U	170
Acrylonitrile			< 39	39	U	0.97	< 690	690	U	69
Benzene	60	4,800	< 9.7	9.7	U	0.97	57	60	J	34
Bromobenzene			< 9.7	9.7	U	0.97	< 340	340	U	34
Bromochloromethane			< 9.7	9.7	U	0.97	< 340	340	U	34
Bromodichloromethane			< 9.7	9.7	U	1.9	< 340	340	U	69
Bromoform			< 9.7	9.7	U	1.9	< 340	340	U	69
Bromomethane			< 9.7	9.7	U	3.9	< 340	340	U	140
Carbon Disulfide			3.3	9.7	J	1.9	< 340	340	U	69
Carbon tetrachloride	760	2,400	< 9.7	9.7	U	1.9	< 340	340	U	69
Chlorobenzene	1,100	100,000	< 9.7	9.7	U	0.97	< 340	340	U	34
Chloroethane			< 9.7	9.7	U	0.97	< 340	340	U	34
Chloroform	370	49,000	< 9.7	9.7	U	0.97	< 340	340	U	34
Chloromethane			< 9.7	9.7	U	1.9	< 340	340	U	69
cis-1,2-Dichloroethene	250	100,000	< 9.7	9.7	U	0.97	< 250	250	U	34
cis-1,3-Dichloropropene			< 9.7	9.7	U	0.97	< 340	340	U	34
Dibromochloromethane			< 9.7	9.7	U	1.9	< 340	340	U	69
Dibromomethane			< 9.7	9.7	U	1.9	< 340	340	U	69
Dichlorodifluoromethane			< 9.7	9.7	U	0.97	< 340	340	U	34
Ethylbenzene	1,000	41,000	< 9.7	9.7	U	0.97	44	340	J	34
Hexachlorobutadiene			< 9.7	9.7	U	0.97	< 340	340	U	34
Isopropylbenzene			< 9.7	9.7	U	0.97	< 340	340	U	34
m&p-Xylenes	260	100,000	< 9.7	9.7	U	1.9	73	340	J	69
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 58	58	U	9.7	< 340	340	U	340
Methyl t-butyl ether (MTBE)	930	100,000	< 19	19	U	1.9	< 690	690	U	69
Methylene chloride	50	100,000	< 9.7	9.7	U	9.7	< 340	340	U	340
Naphthalene	12,000	100,000	< 9.7	9.7	U	1.9	160	340	J	69
n-Butylbenzene	12,000	100,000	< 9.7	9.7	U	0.97	< 340	340	U	34
n-Propylbenzene	3,900	100,000	< 9.7	9.7	U	1.7	< 340	340	U	62
o-Xylene	260	100,000	< 9.7	9.7	U	1.9	< 340	340	U	69
p-Isopropyltoluene			< 9.7	9.7	U	0.97	< 340	340	U	34
sec-Butylbenzene	11,000	100,000	< 9.7	9.7	U	0.97	< 340	340	U	34
Styrene			< 9.7	9.7	U	0.97	< 340	340	U	34
Tert-butyl alcohol			< 190	190	U	39	< 6900	6,900	U	1400
tert-Butylbenzene	5,900	100,000	< 9.7	9.7	U	0.97	< 340	340	U	34
Tetrachloroethene	1,300	19,000	< 9.7	9.7	U	1.9	< 340	340	U	69
Tetrahydrofuran (THF)			< 19	19	U	4.8	< 690	690	U	170
Toluene	700	100,000	< 9.7	9.7	U	0.97	75	340	J	34
trans-1,2-Dichloroethene	190	100,000	< 9.7	9.7	U	0.97	< 150	150	U	34
trans-1,3-Dichloropropene			< 9.7	9.7	U	0.97	< 340	340	U	34
trans-1,4-dichloro-2-butene			< 19	19	U	4.8	< 690	690	U	170
Trichloroethene	470	21,000	< 9.7	9.7	U	0.97	< 340	340	U	34
Trichlorofluoromethane			< 9.7	9.7	U	1.9	< 340	340	U	69
Trichlorotrifluoroethane			< 9.7	9.7	U	0.97	< 340	340	U	34
Vinyl Chloride	20	900	< 9.7	9.7	U	0.97	< 340	340	U	34
Total BTEX Concentration			0				249			
Total VOCs Concentration			22.9				409			

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL.
	The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

TABLE 4
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B1								15B2			
			11/24/2015								11/24/2015			
			(0-2) µg/Kg				(5-7) µg/Kg				(6-8) µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 260	260	U	130	< 280	280	U	140	< 320	320	U	160
1,2,4-Trichlorobenzene			< 260	260	U	110	< 280	280	U	120	< 320	320	U	140
1,2-Dichlorobenzene			< 260	260	U	110	< 280	280	U	110	< 320	320	U	130
1,2-Diphenylhydrazine			< 260	260	U	120	< 280	280	U	130	< 320	320	U	150
1,3-Dichlorobenzene			< 260	260	U	110	< 280	280	U	120	< 320	320	U	130
1,4-Dichlorobenzene			< 260	260	U	110	< 280	280	U	120	< 320	320	U	130
2,4,5-Trichlorophenol			< 260	260	U	210	< 280	280	U	220	< 320	320	U	250
2,4,6-Trichlorophenol			< 260	260	U	120	< 280	280	U	130	< 320	320	U	140
2,4-Dichlorophenol			< 260	260	U	130	< 280	280	U	140	< 320	320	U	160
2,4-Dimethylphenol			< 260	260	U	94	< 280	280	U	98	< 320	320	U	110
2,4-Dinitrophenol			< 760	760	U	260	< 790	790	U	280	< 900	900	U	320
2,4-Dinitrotoluene			< 260	260	U	150	< 280	280	U	160	< 320	320	U	180
2,6-Dinitrotoluene			< 260	260	U	120	< 280	280	U	120	< 320	320	U	140
2-Chloronaphthalene			< 260	260	U	110	< 280	280	U	110	< 320	320	U	130
2-Chlorophenol			< 260	260	U	110	< 280	280	U	110	< 320	320	U	130
2-Methylnaphthalene			1,900	260		110	< 280	280	U	120	< 320	320	U	130
2-Methylphenol (o-cresol)	330	100,000	< 260	260	U	180	< 280	280	U	190	< 320	320	U	210
2-Nitroaniline			< 760	760	U	380	< 790	790	U	400	< 900	900	U	460
2-Nitrophenol			< 260	260	U	240	< 280	280	U	250	< 320	320	U	290
3&4-Methylphenol (m&p-cresol)	330	100,000	< 260	260	U	150	< 280	280	U	160	< 320	320	U	180
3,3'-Dichlorobenzidine			< 760	760	U	180	< 790	790	U	190	< 900	900	U	210
3-Nitroaniline			< 760	760	U	760	< 790	790	U	790	< 900	900	U	900
4,6-Dinitro-2-methylphenol			< 1900	1,900	U	410	< 2000	2,000	U	420	< 2300	2,300	U	490
4-Bromophenyl phenyl ether			< 260	260	U	110	< 280	280	U	120	< 320	320	U	130
4-Chloro-3-methylphenol			< 260	260	U	130	< 280	280	U	140	< 320	320	U	160
4-Chloroaniline			< 300	300	U	180	< 320	320	U	180	< 360	360	U	210
4-Chlorophenyl phenyl ether			< 260	260	U	130	< 280	280	U	130	< 320	320	U	150
4-Nitroaniline			< 760	760	U	130	< 790	790	U	130	< 900	900	U	150
4-Nitrophenol			< 380	380	U	170	< 390	390	U	180	< 450	450	U	200
Acenaphthene	20,000	100,000	2,200	260		110	< 280	280	U	120	< 320	320	U	140
Acenaphthylene	100,000	100,000	< 260	260	U	110	< 280	280	U	110	< 320	320	U	130
Acetophenone			< 260	260	U	120	< 280	280	U	120	< 320	320	U	140
Aniline			< 300	300	U	300	< 320	320	U	320	< 360	360	U	360
Anthracene	100,000	100,000	1,600	260		120	< 280	280	U	130	< 320	320	U	150
Benzo(a)anthracene	1,000	1,000	630	260		130	< 280	280	U	130	< 320	320	U	150
Benzidine			< 760	760	U	220	< 790	790	U	230	< 900	900	U	270
Benzo(a)pyrene	1,000	1,000	300	260		120	< 280	280	U	130	< 320	320	U	150
Benzo(b)fluoranthene	1,000	1,000	330	260		130	< 280	280	U	130	< 320	320	U	150
Benzo(ghi)perylene	100,000	100,000	800	260		120	< 280	280	U	130	< 320	320	U	150
Benzo(k)fluoranthene	800	3,900	180	260	J	130	< 280	280	U	130	< 320	320	U	150
Benzoic acid			< 1900	1,900	U	760	< 2000	2,000	U	790	< 2300	2,300	U	900
Benzyl butyl phthalate			< 260	260	U	97	< 280	280	U	100	< 320	320	U	120
Bis(2-chloroethoxy)methane			< 260	260	U	100	< 280	280	U	110	< 320	320	U	120
Bis(2-chloroethyl)ether			< 260	260	U	100	< 280	280	U	110	< 320	320	U	120
Bis(2-chloroisopropyl)ether			< 260	260	U	100	< 280	280	U	110	< 320	320	U	130
Bis(2-ethylhexyl)phthalate			< 260	260	U	110	< 280	280	U	110	< 320	320	U	130
Carbazole			< 1900	1,900	U	290	< 2000	2,000	U	300	< 2300	2,300	U	340
Chrysene	1,000	3,900	710	260		130	< 280	280	U	130	< 320	320	U	150
Dibenz(a,h)anthracene	330	330	< 260	260	U	120	< 280	280	U	130	< 320	320	U	150
Dibenzofuran	7,000	59,000	990	260		110	< 280	280	U	120	< 320	320	U	130
Diethyl phthalate			< 260	260	U	120	< 280	280	U	120	< 320	320	U	140
Dimethylphthalate			< 260	260	U	120	< 280	280	U	120	< 320	320	U	140
Di-n-butylphthalate			< 260	260	U	100	< 280	280	U	100	130	320	JB	120
Di-n-octylphthalate			< 260	260	U	97	< 280	280	U	100	< 320	320	U	120
Fluoranthene	100,000	100,000	3,200	260		120	< 280	280	U	130	< 320	320	U	150
Fluorene	30,000	100,000	1,400	260		120	< 280	280	U	130	< 320	320	U	150
Hexachlorobenzene			< 260	260	U	110	< 280	280	U	120	< 320	320	U	130
Hexachlorobutadiene			< 260	260	U	140	< 280	280	U	140	< 320	320	U	160
Hexachlorocyclopentadiene			< 260	260	U	120	< 280	280	U	120	< 320	320	U	140
Hexachloroethane			< 260	260	U	110	< 280	280	U	120	< 320	320	U	140
Indeno(1,2,3-cd)pyrene	500	500	680	260		130	< 280	280	U	130	< 320	320	U	150
Isophorone			< 260	260	U	110	< 280	280	U	110	< 320	320	U	130
Naphthalene	12,000	100,000	< 260	260	U	110	< 280	280	U	110	< 320	320	U	130
Nitrobenzene			< 260	260	U	130	< 280	280	U	140	< 320	320	U	160
N-Nitrosodimethylamine			< 260	260	U	110	< 280	280	U	110	< 320	320	U	130
N-Nitrosodi-n-propylamine			< 260	260	U	120	< 280	280	U	130	< 320	320	U	150
N-Nitrosodiphenylamine			< 260	260	U	140	< 280	280	U	150	< 320	320	U	170
Pentachloronitrobenzene			< 260	260	U	140	< 280	280	U	150	< 320	320	U	170
Pentachlorophenol	800	6,700	< 260	260	U	140	< 280	280	U	150	< 320	320	U	170
Phenanthrene	100,000	100,000	5,400	260		110	< 280	280	U	110	< 320	320	U	130
Phenol	330	100,000	< 260	260	U	120	< 280	280	U	130	< 320	320	U	140
Pyrene	100,000	100,000	2,800	260		130	< 280	280	U	140	< 320	320	U	160
Pyridine			< 260	260	U	93	< 280	280	U	97	< 320	320	U	110

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

RL - Laboratory Reporting Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.

TABLE 4
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B3											
			11/24/2015											
			(0-2) µg/Kg				(5-7) µg/Kg				(13-15) µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 250	250	U	130	< 280	280	U	140	< 260	260	U	130
1,2,4-Trichlorobenzene			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110
1,2-Dichlorobenzene			< 250	250	U	100	< 280	280	U	110	< 260	260	U	100
1,2-Diphenylhydrazine			< 250	250	U	120	< 280	280	U	130	< 260	260	U	120
1,3-Dichlorobenzene			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110
1,4-Dichlorobenzene			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110
2,4,5-Trichlorophenol			< 250	250	U	200	< 280	280	U	220	< 260	260	U	200
2,4,6-Trichlorophenol			< 250	250	U	110	< 280	280	U	130	< 260	260	U	120
2,4-Dichlorophenol			< 250	250	U	130	< 280	280	U	140	< 260	260	U	130
2,4-Dimethylphenol			< 250	250	U	89	< 280	280	U	98	< 260	260	U	91
2,4-Dinitrophenol			< 720	720	U	250	< 790	790	U	280	< 740	740	U	260
2,4-Dinitrotoluene			< 250	250	U	140	< 280	280	U	160	< 260	260	U	140
2,6-Dinitrotoluene			< 250	250	U	110	< 280	280	U	130	< 260	260	U	120
2-Chloronaphthalene			< 250	250	U	100	< 280	280	U	110	< 260	260	U	100
2-Chlorophenol			< 250	250	U	100	< 280	280	U	110	< 260	260	U	100
2-Methylnaphthalene			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110
2-Methylphenol (o-cresol)	330	100,000	< 250	250	U	170	< 280	280	U	190	< 260	260	U	170
2-Nitroaniline			< 720	720	U	360	< 790	790	U	400	< 740	740	U	370
2-Nitrophenol			< 250	250	U	230	< 280	280	U	250	< 260	260	U	230
3&4-Methylphenol (m&p-cresol)	330	100,000	< 250	250	U	140	< 280	280	U	160	< 260	260	U	140
3,3'-Dichlorobenzidine			< 720	720	U	170	< 790	790	U	190	< 740	740	U	170
3-Nitroaniline			< 720	720	U	720	< 790	790	U	790	< 740	740	U	740
4,6-Dinitro-2-methylphenol			< 1800	1,800	U	380	< 2000	2,000	U	430	< 1800	1,800	U	400
4-Bromophenyl phenyl ether			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110
4-Chloro-3-methylphenol			< 250	250	U	130	< 280	280	U	140	< 260	260	U	130
4-Chloroaniline			< 290	290	U	170	< 320	320	U	180	< 290	290	U	170
4-Chlorophenyl phenyl ether			< 250	250	U	120	< 280	280	U	130	< 260	260	U	120
4-Nitroaniline			< 720	720	U	120	< 790	790	U	130	< 740	740	U	120
4-Nitrophenol			< 360	360	U	160	< 400	400	U	180	< 370	370	U	170
Acenaphthene	20,000	100,000	< 250	250	U	110	< 280	280	U	120	< 260	260	U	110
Acenaphthylene	100,000	100,000	< 250	250	U	100	< 280	280	U	110	< 260	260	U	100
Acetophenone			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110
Aniline			< 290	290	U	290	< 320	320	U	320	< 290	290	U	290
Anthracene	100,000	100,000	220	250	J	120	< 280	280	U	130	< 260	260	U	120
Benzo(a)anthracene	1,000	1,000	480	250		120	< 280	280	U	130	< 260	260	U	120
Benzdine			< 720	720	U	210	< 790	790	U	230	< 740	740	U	220
Benzo(a)pyrene	1,000	1,000	400	250		120	< 280	280	U	130	< 260	260	U	120
Benzo(b)fluoranthene	1,000	1,000	330	250		120	< 280	280	U	140	< 260	260	U	130
Benzo(ghi)perylene	100,000	100,000	220	250	J	120	< 280	280	U	130	< 260	260	U	120
Benzo(k)fluoranthene	800	3,900	330	250		120	< 280	280	U	130	< 260	260	U	120
Benzoic acid			< 1800	1,800	U	720	< 2000	2,000	U	790	< 1800	1,800	U	740
Benzyl butyl phthalate			< 250	250	U	92	< 280	280	U	100	< 260	260	U	95
Bis(2-chloroethoxy)methane			< 250	250	U	99	< 280	280	U	110	< 260	260	U	100
Bis(2-chloroethyl)ether			< 250	250	U	97	< 280	280	U	110	< 260	260	U	99
Bis(2-chloroisopropyl)ether			< 250	250	U	99	< 280	280	U	110	< 260	260	U	100
Bis(2-ethylhexyl)phthalate			< 250	250	U	100	< 280	280	U	110	< 260	260	U	110
Carbazole			< 1800	1,800	U	270	< 2000	2,000	U	300	< 1800	1,800	U	280
Chrysene	1,000	3,900	470	250		120	< 280	280	U	130	< 260	260	U	120
Dibenz(a,h)anthracene	330	330	< 250	250	U	120	< 280	280	U	130	< 260	260	U	120
Dibenzofuran	7,000	59,000	< 250	250	U	100	< 280	280	U	120	< 260	260	U	110
Diethyl phthalate			< 250	250	U	110	< 280	280	U	130	< 260	260	U	120
Dimethylphthalate			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110
Di-n-butylphthalate			110	250	JB	95	110	280	JB	110	< 260	260	U	98
Di-n-octylphthalate			< 250	250	U	92	< 280	280	U	100	< 260	260	U	95
Fluoranthene	100,000	100,000	1,100	250		120	< 280	280	U	130	< 260	260	U	120
Fluorene	30,000	100,000	< 250	250	U	120	< 280	280	U	130	< 260	260	U	120
Hexachlorobenzene			< 250	250	U	100	< 280	280	U	120	< 260	260	U	110
Hexachlorobutadiene			< 250	250	U	130	< 280	280	U	140	< 260	260	U	130
Hexachlorocyclopentadiene			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110
Hexachloroethane			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110
Indeno(1,2,3-cd)pyrene	500	500	230	250	J	120	< 280	280	U	130	< 260	260	U	120
Isophorone			< 250	250	U	100	< 280	280	U	110	< 260	260	U	100
Naphthalene	12,000	100,000	< 250	250	U	100	190	280	J	110	< 260	260	U	110
Nitrobenzene			< 250	250	U	130	< 280	280	U	140	< 260	260	U	130
N-Nitrosodimethylamine			< 250	250	U	100	< 280	280	U	110	< 260	260	U	100
N-Nitrosodi-n-propylamine			< 250	250	U	120	< 280	280	U	130	< 260	260	U	120
N-Nitrosodiphenylamine			< 250	250	U	140	< 280	280	U	150	< 260	260	U	140
Pentachloronitrobenzene			< 250	250	U	130	< 280	280	U	150	< 260	260	U	140
Pentachlorophenol	800	6,700	< 250	250	U	140	< 280	280	U	150	< 260	260	U	140
Phenanthrene	100,000	100,000	790	250		100	< 280	280	U	110	< 260	260	U	110
Phenol	330	100,000	< 250	250	U	110	< 280	280	U	130	< 260	260	U	120
Pyrene	100,000	100,000	970	250		120	< 280	280	U	140	< 260	260	U	130
Pyridine			< 250	250	U	88	< 280	280	U	97	< 260	260	U	91

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

RL - Laboratory Reporting Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.

TABLE 4
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B4												15B5			
			11/24/2015												11/24/2015			
			(0-2') µg/Kg				(6-8') µg/Kg				(10-12') µg/Kg				(6-8') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 250	250	U	130	< 280	280	U	140	< 260	260	U	130	< 280	280	U	140
1,2,4-Trichlorobenzene			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110	< 280	280	U	120
1,2-Dichlorobenzene			< 250	250	U	100	< 280	280	U	110	< 260	260	U	110	< 280	280	U	110
1,2-Diphenylhydrazine			< 250	250	U	120	< 280	280	U	130	< 260	260	U	120	< 280	280	U	130
1,3-Dichlorobenzene			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110	< 280	280	U	120
1,4-Dichlorobenzene			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110	< 280	280	U	120
2,4,5-Trichlorophenol			< 250	250	U	200	< 280	280	U	220	< 260	260	U	200	< 280	280	U	220
2,4,6-Trichlorophenol			< 250	250	U	120	< 280	280	U	130	< 260	260	U	120	< 280	280	U	130
2,4-Dichlorophenol			< 250	250	U	130	< 280	280	U	140	< 260	260	U	130	< 280	280	U	140
2,4-Dimethylphenol			< 250	250	U	90	< 280	280	U	98	< 260	260	U	93	< 280	280	U	99
2,4-Dinitrophenol			< 730	730	U	250	< 790	790	U	280	< 750	750	U	260	< 800	800	U	280
2,4-Dinitrotoluene			< 250	250	U	140	< 280	280	U	160	< 260	260	U	150	< 280	280	U	160
2,6-Dinitrotoluene			< 250	250	U	110	< 280	280	U	120	< 260	260	U	120	< 280	280	U	130
2-Chloronaphthalene			< 250	250	U	100	< 280	280	U	110	< 260	260	U	110	< 280	280	U	110
2-Chlorophenol			< 250	250	U	100	< 280	280	U	110	< 260	260	U	110	< 280	280	U	110
2-Methylnaphthalene			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110	< 280	280	U	120
2-Methylphenol (o-cresol)	330	100,000	< 250	250	U	170	< 280	280	U	180	< 260	260	U	180	< 280	280	U	190
2-Nitroaniline			< 730	730	U	370	< 790	790	U	400	< 750	750	U	380	< 800	800	U	400
2-Nitrophenol			< 250	250	U	230	< 280	280	U	250	< 260	260	U	240	< 280	280	U	250
3&4-Methylphenol (m&p-cresol)	330	100,000	< 250	250	U	140	< 280	280	U	160	< 260	260	U	150	< 280	280	U	160
3,3'-Dichlorobenzidine			< 730	730	U	170	< 790	790	U	190	< 750	750	U	180	< 800	800	U	190
3-Nitroaniline			< 730	730	U	730	< 790	790	U	790	< 750	750	U	750	< 800	800	U	800
4,6-Dinitro-2-methylphenol			< 1800	1,800	U	390	< 2000	2,000	U	420	< 1900	1,900	U	400	< 2000	2,000	U	430
4-Bromophenyl phenyl ether			< 250	250	U	110	< 280	280	U	120	< 260	260	U	110	< 280	280	U	120
4-Chloro-3-methylphenol			< 250	250	U	130	< 280	280	U	140	< 260	260	U	130	< 280	280	U	140
4-Chloroaniline			< 290	290	U	170	< 310	310	U	180	< 300	300	U	170	< 320	320	U	190
4-Chlorophenyl phenyl ether			< 250	250	U	120	< 280	280	U	130	< 260	260	U	130	< 280	280	U	130
4-Nitroaniline			< 730	730	U	120	< 790	790	U	130	< 750	750	U	120	< 800	800	U	130
4-Nitrophenol			< 360	360	U	160	< 390	390	U	180	< 370	370	U	170	< 400	400	U	180
Acenaphthene	20,000	100,000	< 250	250	U	110	< 280	280	U	120	< 260	260	U	110	< 280	280	U	120
Acenaphthylene	100,000	100,000	110	250	J	100	< 280	280	U	110	< 260	260	U	100	< 280	280	U	110
Acetophenone			< 250	250	U	110	< 280	280	U	120	< 260	260	U	120	< 280	280	U	120
Aniline			< 290	290	U	290	< 310	310	U	310	< 300	300	U	300	< 320	320	U	320
Anthracene	100,000	100,000	450	250		120	< 280	280	U	130	< 260	260	U	120	< 280	280	U	130
Benz(a)anthracene	1,000	1,000	1,600	250		120	< 280	280	U	130	< 260	260	U	130	< 280	280	U	130
Benztidine			< 730	730	U	210	< 790	790	U	230	< 750	750	U	220	< 800	800	U	240
Benzo(a)pyrene	1,000	1,000	1,300	250		120	< 280	280	U	130	< 260	260	U	120	< 280	280	U	130
Benzo(b)fluoranthene	1,000	1,000	1,100	250		120	< 280	280	U	130	< 260	260	U	130	< 280	280	U	140
Benzo(ghi)perylene	100,000	100,000	700	250		120	< 280	280	U	130	< 260	260	U	120	< 280	280	U	130
Benzo(k)fluoranthene	800	3,900	1,100	250		120	< 280	280	U	130	< 260	260	U	120	< 280	280	U	130
Benzoic acid			< 1800	1,800	U	730	< 2000	2,000	U	790	< 1900	1,900	U	750	< 2000	2,000	U	800
Benzyl butyl phthalate			< 250	250	U	94	< 280	280	U	100	< 260	260	U	96	< 280	280	U	100
Bis(2-chloroethoxy)methane			< 250	250	U	100	< 280	280	U	110	< 260	260	U	100	< 280	280	U	110
Bis(2-chloroethyl)ether			< 250	250	U	98	< 280	280	U	110	< 260	260	U	100	< 280	280	U	110
Bis(2-chloroisopropyl)ether			< 250	250	U	100	< 280	280	U	110	< 260	260	U	100	< 280	280	U	110
Bis(2-ethylhexyl)phthalate			< 250	250	U	100	< 280	280	U	110	< 260	260	U	110	< 280	280	U	120
Carbazole			< 1800	1,800	U	280	< 2000	2,000	U	300	< 1900	1,900	U	280	< 2000	2,000	U	300
Chrysene	1,000	3,900	1,500	250		120	< 280	280	U	130	< 260	260	U	130	< 280	280	U	130
Dibenz(a,h)anthracene	330	330	180	250	J	120	< 280	280	U	130	< 260	260	U	120	< 280	280	U	130
Dibenzofuran	7,000	59,000	< 250	250	U	110	< 280	280	U	110	< 260	260	U	110	< 280	280	U	120
Diethyl phthalate			< 250	250	U	110	< 280	280	U	120	< 260	260	U	120	< 280	280	U	130
Dimethylphthalate			< 250	250	U	110	< 280	280	U	120	< 260	260	U	120	< 280	280	U	120
Di-n-butylphthalate			< 250	250	U	97	< 280	280	U	100	110	260	JB	99	< 280	280	U	110
Di-n-octylphthalate			< 250	250	U	94	< 280	280	U	100	< 260	260	U	96	< 280	280	U	100
Fluoranthene	100,000	100,000	3,100	250		120	< 280	280	U	130	< 260	260	U	120	< 280	280	U	130
Fluorene	30,000	100,000	< 250	250	U	120	< 280	280	U	130	< 260	260	U	120	< 280	280	U	130
Hexachlorobenzene			< 250	250	U	110	< 280	280	U	110	< 260	260	U	110	< 280	280	U	120
Hexachlorobutadiene			< 250	250	U	130	< 280	280	U	140	< 260	260	U					

TABLE 4
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B6								15SB7				15B8			
			11/20/2015								11/20/2015				11/20/2015			
			(3-5') µg/Kg				(10-12') µg/Kg				(6-8') µg/Kg				(6-8') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 270	270	U	130	< 370	370	U	190	< 290	290	U	140	< 340	340	U	170
1,2,4-Trichlorobenzene			< 270	270	U	110	< 370	370	U	160	< 290	290	U	120	< 340	340	U	150
1,2-Dichlorobenzene			< 270	270	U	110	< 370	370	U	150	< 290	290	U	110	< 340	340	U	140
1,2-Diphenylhydrazine			< 270	270	U	120	< 370	370	U	170	< 290	290	U	130	< 340	340	U	160
1,3-Dichlorobenzene			< 270	270	U	110	< 370	370	U	160	< 290	290	U	120	< 340	340	U	140
1,4-Dichlorobenzene			< 270	270	U	110	< 370	370	U	160	< 290	290	U	120	< 340	340	U	140
2,4,5-Trichlorophenol			< 270	270	U	210	< 370	370	U	290	< 290	290	U	220	< 340	340	U	270
2,4,6-Trichlorophenol			< 270	270	U	120	< 370	370	U	170	< 290	290	U	130	< 340	340	U	160
2,4-Dichlorophenol			< 270	270	U	130	< 370	370	U	190	< 290	290	U	140	< 340	340	U	170
2,4-Dimethylphenol			< 270	270	U	94	< 370	370	U	130	< 290	290	U	100	< 340	340	U	120
2,4-Dinitrophenol			< 760	760	U	270	< 1100	1,100	U	370	< 810	810	U	290	< 970	970	U	340
2,4-Dinitrotoluene			< 270	270	U	150	< 370	370	U	210	< 290	290	U	160	< 340	340	U	190
2,6-Dinitrotoluene			< 270	270	U	120	< 370	370	U	170	< 290	290	U	130	< 340	340	U	150
2-Chloronaphthalene			< 270	270	U	110	< 370	370	U	150	< 290	290	U	120	< 340	340	U	140
2-Chlorophenol			< 270	270	U	110	< 370	370	U	150	< 290	290	U	120	< 340	340	U	140
2-Methylnaphthalene			< 270	270	U	110	< 370	370	U	160	< 290	290	U	120	< 340	340	U	140
2-Methylphenol (o-cresol)	330	100,000	< 270	270	U	180	< 330	330	U	250	< 290	290	U	190	< 330	330	U	230
2-Nitroaniline			< 760	760	U	380	< 1100	1,100	U	530	< 810	810	U	410	< 970	970	U	490
2-Nitrophenol			< 270	270	U	240	< 370	370	U	340	< 290	290	U	260	< 340	340	U	310
3&4-Methylphenol (m&p-cresol)	330	100,000	< 270	270	U	150	< 370	370	U	210	< 290	290	U	160	< 340	340	U	190
3,3'-Dichlorobenzidine			< 760	760	U	180	< 1100	1,100	U	250	< 810	810	U	190	< 970	970	U	230
3-Nitroaniline			< 760	760	U	760	< 1100	1,100	U	1100	< 810	810	U	810	< 970	970	U	970
4,6-Dinitro-2-methylphenol			< 1900	1,900	U	410	< 2600	2,600	U	570	< 2000	2,000	U	440	< 2400	2,400	U	520
4-Bromophenyl phenyl ether			< 270	270	U	110	< 370	370	U	160	< 290	290	U	120	< 340	340	U	140
4-Chloro-3-methylphenol			< 270	270	U	130	< 370	370	U	190	< 290	290	U	140	< 340	340	U	170
4-Chloroaniline			< 300	300	U	180	< 420	420	U	250	< 330	330	U	190	< 390	390	U	230
4-Chlorophenyl phenyl ether			< 270	270	U	130	< 370	370	U	180	< 290	290	U	140	< 340	340	U	160
4-Nitroaniline			< 760	760	U	130	< 1100	1,100	U	180	< 810	810	U	140	< 970	970	U	160
4-Nitrophenol			< 380	380	U	170	< 530	530	U	240	< 410	410	U	180	< 490	490	U	220
Acenaphthene	20,000	100,000	< 270	270	U	120	< 370	370	U	160	< 290	290	U	120	< 340	340	U	150
Acenaphthylene	100,000	100,000	< 270	270	U	110	< 370	370	U	150	< 290	290	U	110	< 340	340	U	140
Acetophenone			< 270	270	U	120	< 370	370	U	170	< 290	290	U	130	< 340	340	U	150
Aniline			< 300	300	U	300	< 420	420	U	420	< 330	330	U	330	< 390	390	U	390
Anthracene	100,000	100,000	< 270	270	U	120	< 370	370	U	170	< 290	290	U	130	< 340	340	U	160
Benz(a)anthracene	1,000	1,000	< 270	270	U	130	< 370	370	U	180	< 290	290	U	140	< 340	340	U	160
Benzbidine			< 760	760	U	220	< 1100	1,100	U	310	< 810	810	U	240	< 970	970	U	290
Benzo(a)pyrene	1,000	1,000	< 270	270	U	120	< 370	370	U	170	< 290	290	U	130	< 340	340	U	160
Benzo(b)fluoranthene	1,000	1,000	< 270	270	U	130	< 370	370	U	180	< 290	290	U	140	< 340	340	U	170
Benzo(ghi)perylene	100,000	100,000	< 270	270	U	120	< 370	370	U	170	< 290	290	U	130	< 340	340	U	160
Benzo(k)fluoranthene	800	3,900	< 270	270	U	130	< 370	370	U	180	< 290	290	U	140	< 340	340	U	160
Benzoic acid			< 1900	1,900	U	760	< 2600	2,600	U	1100	< 2000	2,000	U	810	< 2400	2,400	U	970
Benzyl butyl phthalate			< 270	270	U	98	< 370	370	U	140	< 290	290	U	110	< 340	340	U	130
Bis(2-chloroethoxy)methane			< 270	270	U	100	< 370	370	U	150	< 290	290	U	110	< 340	340	U	130
Bis(2-chloroethyl)ether			< 270	270	U	100	< 370	370	U	140	< 290	290	U	110	< 340	340	U	130
Bis(2-chloroisopropyl)ether			< 270	270	U	110	< 370	370	U	150	< 290	290	U	110	< 340	340	U	140
Bis(2-ethylhexyl)phthalate			< 270	270	U	110	< 370	370	U	150	< 290	290	U	120	< 340	340	U	140
Carbazole			< 1900	1,900	U	290	< 2600	2,600	U	400	< 2000	2,000	U	310	< 2400	2,400	U	370
Chrysene	1,000	3,900	< 270	270	U	130	< 370	370	U	180	< 290	290	U	140	< 340	340	U	160
Dibenz(a,h)anthracene	330	330	< 270	270	U	120	< 330	330	U	170	< 290	290	U	130	< 330	330	U	160
Dibenzofuran	7,000	59,000	< 270	270	U	110	< 370	370	U	150	< 290	290	U	120	< 340	340	U	140
Diethyl phthalate			< 270	270	U	120	< 370	370	U	170	< 290	290	U	130	< 340	340	U	150
Dimethylphthalate			< 270	270	U	120	< 370	370	U	160	< 290	290	U	130	< 340	340	U	150
Di-n-butylphthalate			< 270	270	U	100	< 370	370	U	140	< 290	290	U	110	< 340	340	U	130
Di-n-octylphthalate			< 270	270	U	98	< 370	370	U	140	< 290	290	U	110	< 340	340	U	130
Fluoranthene	100,000	100,000	< 270	270	U	120	< 370	370	U	170	< 290	290	U	130	< 340	340	U	160
Fluorene	30,000	100,000	< 270	270	U	120	< 370	370	U	170	< 290	290	U	130	< 340	340	U	160
Hexachlorobenzene			< 270	270	U	110	< 370	370	U	150	< 290	290	U	120	< 340	340	U	140
Hexachlorobutadiene																		

TABLE 4
Former Mugler Shoring
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Soil Analytical Results

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B9								15B10			
			11/20/2015								11/20/2015			
			(0-2') µg/Kg				(6-8') µg/Kg				(6-8') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 250	250	U	130	< 290	290	U	150	< 260	260	U	130
1,2,4-Trichlorobenzene			< 250	250	U	110	< 290	290	U	130	< 260	260	U	110
1,2-Dichlorobenzene			< 250	250	U	100	< 290	290	U	120	< 260	260	U	110
1,2-Diphenylhydrazine			< 250	250	U	120	< 290	290	U	140	< 260	260	U	120
1,3-Dichlorobenzene			< 250	250	U	110	< 290	290	U	120	< 260	260	U	110
1,4-Dichlorobenzene			< 250	250	U	110	< 290	290	U	120	< 260	260	U	110
2,4,5-Trichlorophenol			< 250	250	U	200	< 290	290	U	230	< 260	260	U	200
2,4,6-Trichlorophenol			< 250	250	U	110	< 290	290	U	130	< 260	260	U	120
2,4-Dichlorophenol			< 250	250	U	130	< 290	290	U	150	< 260	260	U	130
2,4-Dimethylphenol			< 250	250	U	89	< 290	290	U	100	< 260	260	U	92
2,4-Dinitrophenol			< 710	710	U	250	< 830	830	U	290	< 750	750	U	260
2,4-Dinitrotoluene			< 250	250	U	140	< 290	290	U	160	< 260	260	U	150
2,6-Dinitrotoluene			< 250	250	U	110	< 290	290	U	130	< 260	260	U	120
2-Chloronaphthalene			< 250	250	U	100	< 290	290	U	120	< 260	260	U	110
2-Chlorophenol			< 250	250	U	100	< 290	290	U	120	< 260	260	U	110
2-Methylnaphthalene			< 250	250	U	110	< 290	290	U	120	< 260	260	U	110
2-Methylphenol (o-cresol)	330	100,000	< 250	250	U	170	< 290	290	U	200	< 260	260	U	180
2-Nitroaniline			< 710	710	U	360	< 830	830	U	420	< 750	750	U	380
2-Nitrophenol			< 250	250	U	230	< 290	290	U	260	< 260	260	U	240
3&4-Methylphenol (m&p-cresol)	330	100,000	< 250	250	U	140	< 290	290	U	160	< 260	260	U	150
3,3'-Dichlorobenzidine			< 710	710	U	170	< 830	830	U	200	< 750	750	U	180
3-Nitroaniline			< 710	710	U	710	< 830	830	U	830	< 750	750	U	750
4,6-Dinitro-2-methylphenol			< 1800	1,800	U	380	< 2100	2,100	U	450	< 1900	1,900	U	400
4-Bromophenyl phenyl ether			< 250	250	U	110	< 290	290	U	120	< 260	260	U	110
4-Chloro-3-methylphenol			< 250	250	U	130	< 290	290	U	150	< 260	260	U	130
4-Chloroaniline			< 290	290	U	170	< 330	330	U	190	< 300	300	U	170
4-Chlorophenyl phenyl ether			< 250	250	U	120	< 290	290	U	140	< 260	260	U	130
4-Nitroaniline			< 710	710	U	120	< 830	830	U	140	< 750	750	U	120
4-Nitrophenol			< 360	360	U	160	< 420	420	U	190	< 370	370	U	170
Acenaphthene	20,000	100,000	< 250	250	U	110	< 290	290	U	130	< 260	260	U	110
Acenaphthylene	100,000	100,000	< 250	250	U	100	< 290	290	U	120	< 260	260	U	100
Acetophenone			< 250	250	U	110	< 290	290	U	130	< 260	260	U	120
Aniline			< 290	290	U	290	< 330	330	U	330	< 300	300	U	300
Anthracene	100,000	100,000	< 250	250	U	120	< 290	290	U	140	< 260	260	U	120
Benzo(a)anthracene	1,000	1,000	< 250	250	U	120	< 290	290	U	140	< 260	260	U	130
Benzidine			< 710	710	U	210	< 830	830	U	240	< 750	750	U	220
Benzo(a)pyrene	1,000	1,000	< 250	250	U	120	< 290	290	U	140	< 260	260	U	120
Benzo(b)fluoranthene	1,000	1,000	< 250	250	U	120	< 290	290	U	140	< 260	260	U	130
Benzo(ghi)perylene	100,000	100,000	< 250	250	U	120	< 290	290	U	130	< 260	260	U	120
Benzo(k)fluoranthene	800	3,900	< 250	250	U	120	< 290	290	U	140	< 260	260	U	120
Benzoic acid			< 1800	1,800	U	710	< 2100	2,100	U	830	< 1900	1,900	U	750
Benzyl butyl phthalate			< 250	250	U	92	< 290	290	U	110	< 260	260	U	96
Bis(2-chloroethoxy)methane			< 250	250	U	99	< 290	290	U	110	< 260	260	U	100
Bis(2-chloroethyl)ether			< 250	250	U	96	< 290	290	U	110	< 260	260	U	100
Bis(2-chloroisopropyl)ether			< 250	250	U	99	< 290	290	U	120	< 260	260	U	100
Bis(2-ethylhexyl)phthalate			< 250	250	U	100	< 290	290	U	120	< 260	260	U	110
Carbazole			< 1800	1,800	U	270	< 2100	2,100	U	320	< 1900	1,900	U	280
Chrysene	1,000	3,900	< 250	250	U	120	< 290	290	U	140	< 260	260	U	130
Dibenz(a,h)anthracene	330	330	< 250	250	U	120	< 290	290	U	130	< 260	260	U	120
Dibenzofuran	7,000	59,000	< 250	250	U	100	< 290	290	U	120	< 260	260	U	110
Diethyl phthalate			< 250	250	U	110	< 290	290	U	130	< 260	260	U	120
Dimethylphthalate			< 250	250	U	110	< 290	290	U	130	< 260	260	U	120
Di-n-butylphthalate			< 250	250	U	95	< 290	290	U	110	< 260	260	U	99
Di-n-octylphthalate			< 250	250	U	92	< 290	290	U	110	< 260	260	U	96
Fluoranthene	100,000	100,000	130	250	J	120	< 290	290	U	130	< 260	260	U	120
Fluorene	30,000	100,000	< 250	250	U	120	< 290	290	U	140	< 260	260	U	120
Hexachlorobenzene			< 250	250	U	100	< 290	290	U	120	< 260	260	U	110
Hexachlorobutadiene			< 250	250	U	130	< 290	290	U	150	< 260	260	U	130
Hexachlorocyclopentadiene			< 250	250	U	110	< 290	290	U	130	< 260	260	U	110
Hexachloroethane			< 250	250	U	110	< 290	290	U	120	< 260	260	U	110
Indeno(1,2,3-cd)pyrene	500	500	< 250	250	U	120	< 290	290	U	140	< 260	260	U	120
Isophorone			< 250	250	U	100	< 290	290	U	120	< 260	260	U	100
Naphthalene	12,000	100,000	< 250	250	U	100	< 290	290	U	120	< 260	260	U	110
Nitrobenzene			< 250	250	U	130	< 290	290	U	150	< 260	260	U	130
N-Nitrosodimethylamine			< 250	250	U	100	< 290	290	U	120	< 260	260	U	110
N-Nitrosodi-n-propylamine			< 250	250	U	120	< 290	290	U	130	< 260	260	U	120
N-Nitrosodiphenylamine			< 250	250	U	140	< 290	290	U	160	< 260	260	U	140
Pentachloronitrobenzene			< 250	250	U	130	< 290	290	U	150	< 260	260	U	140
Pentachlorophenol	800	6,700	< 250	250	U	140	< 290	290	U	160	< 260	260	U	140
Phenanthrene	100,000	100,000	< 250	250	U	100	< 290	290	U	120	< 260	260	U	110
Phenol	330	100,000	< 250	250	U	110	< 290	290	U	130	< 260	260	U	120
Pyrene	100,000	100,000	< 250	250	U	120	< 290	290	U	140	< 260	260	U	130
Pyridine			< 250	250	U	88	< 290	290	U	100	< 260	260	U	92

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
RL - Laboratory Reporting Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.

TABLE 4
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B11								15B12			
			11/23/2015								11/23/2015			
			(0-2') µg/Kg				(6-8') µg/Kg				(6-8') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 260	260	U	130	< 270	270	U	140	< 260	260	U	130
1,2,4-Trichlorobenzene			< 260	260	U	110	< 270	270	U	120	< 260	260	U	110
1,2-Dichlorobenzene			< 260	260	U	100	< 270	270	U	110	< 260	260	U	100
1,2-Diphenylhydrazine			< 260	260	U	120	< 270	270	U	130	< 260	260	U	120
1,3-Dichlorobenzene			< 260	260	U	110	< 270	270	U	120	< 260	260	U	110
1,4-Dichlorobenzene			< 260	260	U	110	< 270	270	U	120	< 260	260	U	110
2,4,5-Trichlorophenol			< 260	260	U	200	< 270	270	U	210	< 260	260	U	200
2,4,6-Trichlorophenol			< 260	260	U	120	< 270	270	U	120	< 260	260	U	120
2,4-Dichlorophenol			< 260	260	U	130	< 270	270	U	140	< 260	260	U	130
2,4-Dimethylphenol			< 260	260	U	92	< 270	270	U	97	< 260	260	U	92
2,4-Dinitrophenol			< 740	740	U	260	< 780	780	U	270	< 740	740	U	260
2,4-Dinitrotoluene			< 260	260	U	150	< 270	270	U	150	< 260	260	U	150
2,6-Dinitrotoluene			< 260	260	U	120	< 270	270	U	120	< 260	260	U	120
2-Chloronaphthalene			< 260	260	U	110	< 270	270	U	110	< 260	260	U	110
2-Chlorophenol			< 260	260	U	110	< 270	270	U	110	< 260	260	U	110
2-Methylnaphthalene			160	260	J	110	< 270	270	U	120	< 260	260	U	110
2-Methylphenol (o-cresol)	330	100,000	< 260	260	U	170	< 270	270	U	180	< 260	260	U	170
2-Nitroaniline			< 740	740	U	370	< 780	780	U	390	< 740	740	U	380
2-Nitrophenol			< 260	260	U	230	< 270	270	U	250	< 260	260	U	240
3&4-Methylphenol (m&p-cresol)	330	100,000	< 260	260	U	150	< 270	270	U	150	< 260	260	U	150
3,3'-Dichlorobenzidine			< 740	740	U	170	< 780	780	U	180	< 740	740	U	180
3-Nitroaniline			< 740	740	U	740	< 780	780	U	780	< 740	740	U	740
4,6-Dinitro-2-methylphenol			< 1900	1,900	U	400	< 1900	1,900	U	420	< 1900	1,900	U	400
4-Bromophenyl phenyl ether			< 260	260	U	110	< 270	270	U	110	< 260	260	U	110
4-Chloro-3-methylphenol			< 260	260	U	130	< 270	270	U	140	< 260	260	U	130
4-Chloroaniline			< 300	300	U	170	< 310	310	U	180	< 300	300	U	170
4-Chlorophenyl phenyl ether			< 260	260	U	120	< 270	270	U	130	< 260	260	U	130
4-Nitroaniline			< 740	740	U	120	< 780	780	U	130	< 740	740	U	120
4-Nitrophenol			< 370	370	U	170	< 390	390	U	180	< 370	370	U	170
Acenaphthene	20,000	100,000	< 260	260	U	110	< 270	270	U	120	< 260	260	U	110
Acenaphthylene	100,000	100,000	< 260	260	U	100	< 270	270	U	110	< 260	260	U	100
Acetophenone			< 260	260	U	120	< 270	270	U	120	< 260	260	U	120
Aniline			< 300	300	U	300	< 310	310	U	310	< 300	300	U	300
Anthracene	100,000	100,000	< 260	260	U	120	< 270	270	U	130	< 260	260	U	120
Benzo(a)anthracene	1,000	1,000	140	260	J	120	< 270	270	U	130	< 260	260	U	130
Benzidine			< 740	740	U	220	< 780	780	U	230	< 740	740	U	220
Benzo(a)pyrene	1,000	1,000	130	260	J	120	< 270	270	U	130	< 260	260	U	120
Benzo(b)fluoranthene	1,000	1,000	130	260	J	130	< 270	270	U	130	< 260	260	U	130
Benzo(ghi)perylene	100,000	100,000	< 260	260	U	120	< 270	270	U	130	< 260	260	U	120
Benzo(k)fluoranthene	800	3,900	< 260	260	U	120	< 270	270	U	130	< 260	260	U	120
Benzoic acid			< 1900	1,900	U	740	< 1900	1,900	U	780	< 1900	1,900	U	740
Benzyl butyl phthalate			< 260	260	U	96	< 270	270	U	100	< 260	260	U	96
Bis(2-chloroethoxy)methane			< 260	260	U	100	< 270	270	U	110	< 260	260	U	100
Bis(2-chloroethyl)ether			< 260	260	U	100	< 270	270	U	110	< 260	260	U	100
Bis(2-chloroisopropyl)ether			< 260	260	U	100	< 270	270	U	110	< 260	260	U	100
Bis(2-ethylhexyl)phthalate			< 260	260	U	110	< 270	270	U	110	< 260	260	U	110
Carbazole			< 1900	1,900	U	280	< 1900	1,900	U	300	< 1900	1,900	U	280
Chrysene	1,000	3,900	180	260	J	120	< 270	270	U	130	< 260	260	U	130
Dibenz(a,h)anthracene	330	330	< 260	260	U	120	< 270	270	U	130	< 260	260	U	120
Dibenzofuran	7,000	59,000	< 260	260	U	110	< 270	270	U	110	< 260	260	U	110
Diethyl phthalate			< 260	260	U	120	< 270	270	U	120	< 260	260	U	120
Dimethylphthalate			< 260	260	U	110	< 270	270	U	120	< 260	260	U	120
Di-n-butylphthalate			< 260	260	U	99	< 270	270	U	100	< 260	260	U	99
Di-n-octylphthalate			< 260	260	U	96	< 270	270	U	100	< 260	260	U	96
Fluoranthene	100,000	100,000	280	260		120	< 270	270	U	130	< 260	260	U	120
Fluorene	30,000	100,000	< 260	260	U	120	< 270	270	U	130	< 260	260	U	120
Hexachlorobenzene			< 260	260	U	110	< 270	270	U	110	< 260	260	U	110
Hexachlorobutadiene			< 260	260	U	130	< 270	270	U	140	< 260	260	U	130
Hexachlorocyclopentadiene			< 260	260	U	110	< 270	270	U	120	< 260	260	U	110
Hexachloroethane			< 260	260	U	110	< 270	270	U	120	< 260	260	U	110
Indeno(1,2,3-cd)pyrene	500	500	< 260	260	U	120	< 270	270	U	130	< 260	260	U	120
Isophorone			< 260	260	U	100	< 270	270	U	110	< 260	260	U	100
Naphthalene	12,000	100,000	170	260	J	110	< 270	270	U	110	< 260	260	U	110
Nitrobenzene			< 260	260	U	130	< 270	270	U	140	< 260	260	U	130
N-Nitrosodimethylamine			< 260	260	U	100	< 270	270	U	110	< 260	260	U	100
N-Nitrosodi-n-propylamine			< 260	260	U	120	< 270	270	U	130	< 260	260	U	120
N-Nitrosodiphenylamine			< 260	260	U	140	< 270	270	U	150	< 260	260	U	140
Pentachloronitrobenzene			< 260	260	U	140	< 270	270	U	150	< 260	260	U	140
Pentachlorophenol	800	6,700	< 260	260	U	140	< 270	270	U	150	< 260	260	U	140
Phenanthrene	100,000	100,000	220	260	J	110	< 270	270	U	110	< 260	260	U	110
Phenol	330	100,000	< 260	260	U	120	< 270	270	U	120	< 260	260	U	120
Pyrene	100,000	100,000	220	260	J	130	< 270	270	U	130	< 260	260	U	130
Pyridine			< 260	260	U	91	< 270	270	U	96	< 260	260	U	92

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

RL - Laboratory Reporting Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.

TABLE 4
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B13								15B14				15B15			
			11/20/2015								11/20/2015				11/20/2015			
			(0-2') µg/Kg				(6-8') µg/Kg				(5-7') µg/Kg				(6-8') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 270	270	U	130	< 270	270	U	140	< 280	280	U	140	< 280	280	U	140
1,2,4-Trichlorobenzene			< 270	270	U	120	< 270	270	U	120	< 280	280	U	120	< 280	280	U	120
1,2-Dichlorobenzene			< 270	270	U	110	< 270	270	U	110	< 280	280	U	110	< 280	280	U	110
1,2-Diphenylhydrazine			< 270	270	U	130	< 270	270	U	130	< 280	280	U	130	< 280	280	U	130
1,3-Dichlorobenzene			< 270	270	U	110	< 270	270	U	120	< 280	280	U	120	< 280	280	U	120
1,4-Dichlorobenzene			< 270	270	U	110	< 270	270	U	120	< 280	280	U	120	< 280	280	U	120
2,4,5-Trichlorophenol			< 270	270	U	210	< 270	270	U	210	< 280	280	U	220	< 280	280	U	220
2,4,6-Trichlorophenol			< 270	270	U	120	< 270	270	U	130	< 280	280	U	130	< 280	280	U	130
2,4-Dichlorophenol			< 270	270	U	130	< 270	270	U	140	< 280	280	U	140	< 280	280	U	140
2,4-Dimethylphenol			< 270	270	U	95	< 270	270	U	97	< 280	280	U	98	< 280	280	U	99
2,4-Dinitrophenol			< 770	770	U	270	< 780	780	U	270	< 790	790	U	280	< 800	800	U	280
2,4-Dinitrotoluene			< 270	270	U	150	< 270	270	U	150	< 280	280	U	150	< 280	280	U	160
2,6-Dinitrotoluene			< 270	270	U	120	< 270	270	U	120	< 280	280	U	120	< 280	280	U	130
2-Chloronaphthalene			< 270	270	U	110	< 270	270	U	110	< 280	280	U	110	< 280	280	U	110
2-Chlorophenol			< 270	270	U	110	< 270	270	U	110	< 280	280	U	110	< 280	280	U	110
2-Methylnaphthalene			360	270		110	< 270	270	U	120	< 280	280	U	120	< 280	280	U	120
2-Methylphenol (o-cresol)	330	100,000	< 270	270	U	180	< 270	270	U	180	< 280	280	U	180	< 280	280	U	190
2-Nitroaniline			< 770	770	U	390	< 780	780	U	390	< 790	790	U	400	< 800	800	U	400
2-Nitrophenol			< 270	270	U	240	< 270	270	U	250	< 280	280	U	250	< 280	280	U	250
3&4-Methylphenol (m&p-cresol)	330	100,000	< 270	270	U	150	< 270	270	U	150	< 280	280	U	150	< 280	280	U	160
3,3'-Dichlorobenzidine			< 770	770	U	180	< 780	780	U	180	< 790	790	U	190	< 800	800	U	190
3-Nitroaniline			< 770	770	U	770	< 780	780	U	780	< 790	790	U	790	< 800	800	U	800
4,6-Dinitro-2-methylphenol			< 1900	1,900	U	410	< 2000	2,000	U	420	< 2000	2,000	U	420	< 2000	2,000	U	430
4-Bromophenyl phenyl ether			< 270	270	U	110	< 270	270	U	110	< 280	280	U	120	< 280	280	U	120
4-Chloro-3-methylphenol			< 270	270	U	130	< 270	270	U	140	< 280	280	U	140	< 280	280	U	140
4-Chloroaniline			< 310	310	U	180	< 310	310	U	180	< 310	310	U	180	< 320	320	U	190
4-Chlorophenyl phenyl ether			< 270	270	U	130	< 270	270	U	130	< 280	280	U	130	< 280	280	U	130
4-Nitroaniline			< 770	770	U	130	< 780	780	U	130	< 790	790	U	130	< 800	800	U	130
4-Nitrophenol			< 380	380	U	170	< 390	390	U	180	< 390	390	U	180	< 400	400	U	180
Acenaphthene	20,000	100,000	< 270	270	U	120	< 270	270	U	120	< 280	280	U	120	< 280	280	U	120
Acenaphthylene	100,000	100,000	< 270	270	U	110	< 270	270	U	110	< 280	280	U	110	< 280	280	U	110
Acetophenone			< 270	270	U	120	< 270	270	U	120	< 280	280	U	120	< 280	280	U	120
Aniline			< 310	310	U	310	< 310	310	U	310	< 310	310	U	310	< 320	320	U	320
Anthracene	100,000	100,000	200	270	J	130	< 270	270	U	130	200	280	J	130	< 280	280	U	130
Benz(a)anthracene	1,000	1,000	240	270	J	130	< 270	270	U	130	580	280		130	< 280	280	U	130
Benztidine			< 770	770	U	230	< 780	780	U	230	< 790	790	U	230	< 800	800	U	230
Benzo(a)pyrene	1,000	1,000	250	270	J	130	< 270	270	U	130	480	280		130	< 280	280	U	130
Benzo(b)fluoranthene	1,000	1,000	280	270		130	< 270	270	U	130	380	280		130	< 280	280	U	140
Benzo(ghi)perylene	100,000	100,000	300	270		120	< 270	270	U	130	240	280	J	130	< 280	280	U	130
Benzo(k)fluoranthene	800	3,900	230	270	J	130	< 270	270	U	130	500	280		130	< 280	280	U	130
Benzoic acid			< 1900	1,900	U	770	< 2000	2,000	U	780	< 2000	2,000	U	790	< 2000	2,000	U	800
Benzyl butyl phthalate			< 270	270	U	99	< 270	270	U	100	< 280	280	U	100	< 280	280	U	100
Bis(2-chloroethoxy)methane			< 270	270	U	110	< 270	270	U	110	< 280	280	U	110	< 280	280	U	110
Bis(2-chloroethyl)ether			< 270	270	U	100	< 270	270	U	110	< 280	280	U	110	< 280	280	U	110
Bis(2-chloroisopropyl)ether			< 270	270	U	110	< 270	270	U	110	< 280	280	U	110	< 280	280	U	110
Bis(2-ethylhexyl)phthalate			< 270	270	U	110	< 270	270	U	110	< 280	280	U	110	< 280	280	U	110
Carbazole			< 1900	1,900	U	290	< 2000	2,000	U	300	< 2000	2,000	U	300	< 2000	2,000	U	300
Chrysene	1,000	3,900	320	270		130	< 270	270	U	130	580	280		130	< 280	280	U	130
Dibenz(a,h)anthracene	330	330	< 270	270	U	120	< 270	270	U	130	< 280	280	U	130	< 280	280	U	130
Dibenzofuran	7,000	59,000	120	270	J	110	< 270	270	U	110	< 280	280	U	110	< 280	280	U	120
Diethyl phthalate			< 270	270	U	120	< 270	270	U	120	< 280	280	U	120	< 280	280	U	130
Dimethylphthalate			< 270	270	U	120	< 270	270	U	120	< 280	280	U	120	< 280	280	U	120
Di-n-butylphthalate			< 270	270	U	100	< 270	270	U	100	< 280	280	U	100	< 280	280	U	110
Di-n-octylphthalate			< 270	270	U	99	< 270	270	U	100	< 280	280	U	100	< 280	280	U	100
Fluoranthene	100,000	100,000	510	270		120	< 270	270	U	130	1,100	280		130	< 280	280	U	130
Fluorene	30,000	100,000	< 270	270	U	130	< 270	270	U	130	< 280	280	U	130	< 280	280	U	130
Hexachlorobenzene			< 270	270	U	110	< 270	270	U	110	< 280	280	U	110	< 280	280	U	120
Hexachlorobutadiene			< 270	270	U	140	< 270	270	U	140	< 280	280	U	1				

TABLE 4
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B17				15B18							
			11/20/2015				11/20/2015							
			(6-8) µg/Kg				(0-2) µg/Kg				(6-8) µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 290	290	U	150	< 250	250	U	120	< 260	260	U	130
1,2,4-Trichlorobenzene			< 290	290	U	130	< 250	250	U	110	< 260	260	U	110
1,2-Dichlorobenzene			< 290	290	U	120	< 250	250	U	99	< 260	260	U	100
1,2-Diphenylhydrazine			< 290	290	U	140	< 250	250	U	110	< 260	260	U	120
1,3-Dichlorobenzene			< 290	290	U	120	< 250	250	U	100	< 260	260	U	110
1,4-Dichlorobenzene			< 290	290	U	120	< 250	250	U	100	< 260	260	U	110
2,4,5-Trichlorophenol			< 290	290	U	230	< 250	250	U	190	< 260	260	U	200
2,4,6-Trichlorophenol			< 290	290	U	130	< 250	250	U	110	< 260	260	U	120
2,4-Dichlorophenol			< 290	290	U	150	< 250	250	U	120	< 260	260	U	130
2,4-Dimethylphenol			< 290	290	U	100	< 250	250	U	87	< 260	260	U	92
2,4-Dinitrophenol			< 840	840	U	290	< 700	700	U	250	< 740	740	U	260
2,4-Dinitrotoluene			< 290	290	U	170	< 250	250	U	140	< 260	260	U	150
2,6-Dinitrotoluene			< 290	290	U	130	< 250	250	U	110	< 260	260	U	120
2-Chloronaphthalene			< 290	290	U	120	< 250	250	U	100	< 260	260	U	100
2-Chlorophenol			< 290	290	U	120	< 250	250	U	100	< 260	260	U	100
2-Methylnaphthalene			< 290	290	U	130	< 250	250	U	100	< 260	260	U	110
2-Methylphenol (o-cresol)	330	100,000	< 290	290	U	200	< 250	250	U	170	< 260	260	U	170
2-Nitroaniline			< 840	840	U	420	< 700	700	U	360	< 740	740	U	370
2-Nitrophenol			< 290	290	U	270	< 250	250	U	220	< 260	260	U	230
3&4-Methylphenol (m&p-cresol)	330	100,000	< 290	290	U	170	< 250	250	U	140	< 260	260	U	150
3,3'-Dichlorobenzidine			< 840	840	U	200	< 700	700	U	170	< 740	740	U	170
3-Nitroaniline			< 840	840	U	840	< 700	700	U	700	< 740	740	U	740
4,6-Dinitro-2-methylphenol			< 2100	2,100	U	450	< 1800	1,800	U	380	< 1800	1,800	U	400
4-Bromophenyl phenyl ether			< 290	290	U	120	< 250	250	U	100	< 260	260	U	110
4-Chloro-3-methylphenol			< 290	290	U	150	< 250	250	U	120	< 260	260	U	130
4-Chloroaniline			< 340	340	U	200	< 280	280	U	160	< 300	300	U	170
4-Chlorophenyl phenyl ether			< 290	290	U	140	< 250	250	U	120	< 260	260	U	120
4-Nitroaniline			< 840	840	U	140	< 700	700	U	120	< 740	740	U	120
4-Nitrophenol			< 420	420	U	190	< 350	350	U	160	< 370	370	U	170
Acenaphthene	20,000	100,000	< 290	290	U	130	< 250	250	U	110	< 260	260	U	110
Acenaphthylene	100,000	100,000	< 290	290	U	120	< 250	250	U	99	< 260	260	U	100
Acetophenone			< 290	290	U	130	< 250	250	U	110	< 260	260	U	120
Aniline			< 340	340	U	340	< 280	280	U	280	< 300	300	U	300
Anthracene	100,000	100,000	< 290	290	U	140	< 250	250	U	120	< 260	260	U	120
Benzo(a)anthracene	1,000	1,000	< 290	290	U	140	< 250	250	U	120	< 260	260	U	120
Benzidine			< 840	840	U	250	< 700	700	U	210	< 740	740	U	220
Benzo(a)pyrene	1,000	1,000	< 290	290	U	140	< 250	250	U	110	< 260	260	U	120
Benzo(b)fluoranthene	1,000	1,000	< 290	290	U	140	< 250	250	U	120	< 260	260	U	130
Benzo(ghi)perylene	100,000	100,000	< 290	290	U	140	< 250	250	U	110	< 260	260	U	120
Benzo(k)fluoranthene	800	3,900	< 290	290	U	140	< 250	250	U	120	< 260	260	U	120
Benzoic acid			< 2100	2,100	U	840	< 1800	1,800	U	700	< 1800	1,800	U	740
Benzyl butyl phthalate			< 290	290	U	110	< 250	250	U	91	< 260	260	U	95
Bis(2-chloroethoxy)methane			< 290	290	U	120	< 250	250	U	97	< 260	260	U	100
Bis(2-chloroethyl)ether			< 290	290	U	110	< 250	250	U	95	< 260	260	U	100
Bis(2-chloroisopropyl)ether			< 290	290	U	120	< 250	250	U	98	< 260	260	U	100
Bis(2-ethylhexyl)phthalate			< 290	290	U	120	< 250	250	U	100	< 260	260	U	110
Carbazole			< 2100	2,100	U	320	< 1800	1,800	U	270	< 1800	1,800	U	280
Chrysene	1,000	3,900	< 290	290	U	140	< 250	250	U	120	< 260	260	U	120
Dibenz(a,h)anthracene	330	330	< 290	290	U	140	< 250	250	U	110	< 260	260	U	120
Dibenzofuran	7,000	59,000	< 290	290	U	120	< 250	250	U	100	< 260	260	U	110
Diethyl phthalate			< 290	290	U	130	< 250	250	U	110	< 260	260	U	120
Dimethylphthalate			< 290	290	U	130	< 250	250	U	110	< 260	260	U	110
Di-n-butylphthalate			< 290	290	U	110	< 250	250	U	94	< 260	260	U	98
Di-n-octylphthalate			< 290	290	U	110	< 250	250	U	91	< 260	260	U	95
Fluoranthene	100,000	100,000	< 290	290	U	140	< 250	250	U	110	< 260	260	U	120
Fluorene	30,000	100,000	< 290	290	U	140	< 250	250	U	120	< 260	260	U	120
Hexachlorobenzene			< 290	290	U	120	< 250	250	U	100	< 260	260	U	110
Hexachlorobutadiene			< 290	290	U	150	< 250	250	U	130	< 260	260	U	130
Hexachlorocyclopentadiene			< 290	290	U	130	< 250	250	U	110	< 260	260	U	110
Hexachloroethane			< 290	290	U	130	< 250	250	U	110	< 260	260	U	110
Indeno(1,2,3-cd)pyrene	500	500	< 290	290	U	140	< 250	250	U	120	< 260	260	U	120
Isophorone			< 290	290	U	120	< 250	250	U	99	< 260	260	U	100
Naphthalene	12,000	100,000	< 290	290	U	120	< 250	250	U	100	< 260	260	U	110
Nitrobenzene			< 290	290	U	150	< 250	250	U	120	< 260	260	U	130
N-Nitrosodimethylamine			< 290	290	U	120	< 250	250	U	99	< 260	260	U	100
N-Nitrosodi-n-propylamine			< 290	290	U	140	< 250	250	U	110	< 260	260	U	120
N-Nitrosodiphenylamine			< 290	290	U	160	< 250	250	U	140	< 260	260	U	140
Pentachloronitrobenzene			< 290	290	U	160	< 250	250	U	130	< 260	260	U	140
Pentachlorophenol	800	6,700	< 290	290	U	160	< 250	250	U	130	< 260	260	U	140
Phenanthrene	100,000	100,000	< 290	290	U	120	< 250	250	U	100	< 260	260	U	110
Phenol	330	100,000	< 290	290	U	130	< 250	250	U	110	< 260	260	U	120
Pyrene	100,000	100,000	< 290	290	U	140	< 250	250	U	120	< 260	260	U	130
Pyridine			< 290	290	U	100	< 250	250	U	87	< 260	260	U	91

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

RL - Laboratory Reporting Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.

TABLE 4
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B19								15B20				15B21			
			11/20/2015								11/20/2015				11/20/2015			
			(0-2') µg/Kg				(6-8') µg/Kg				(8-10') µg/Kg				(6-8') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 250	250	U	130	< 260	260	U	130	< 270	270	U	130	< 380	380	U	190
1,2,4-Trichlorobenzene			< 250	250	U	110	< 260	260	U	110	< 270	270	U	120	< 380	380	U	160
1,2-Dichlorobenzene			< 250	250	U	100	< 260	260	U	110	< 270	270	U	110	< 380	380	U	150
1,2-Diphenylhydrazine			< 250	250	U	120	< 260	260	U	120	< 270	270	U	120	< 380	380	U	180
1,3-Dichlorobenzene			< 250	250	U	110	< 260	260	U	110	< 270	270	U	110	< 380	380	U	160
1,4-Dichlorobenzene			< 250	250	U	110	< 260	260	U	110	< 270	270	U	110	< 380	380	U	160
2,4,5-Trichlorophenol			< 250	250	U	200	< 260	260	U	200	< 270	270	U	210	< 380	380	U	300
2,4,6-Trichlorophenol			< 250	250	U	120	< 260	260	U	120	< 270	270	U	120	< 380	380	U	170
2,4-Dichlorophenol			< 250	250	U	130	< 260	260	U	130	< 270	270	U	130	< 380	380	U	190
2,4-Dimethylphenol			< 250	250	U	89	< 260	260	U	93	< 270	270	U	95	< 380	380	U	130
2,4-Dinitrophenol			< 720	720	U	250	< 750	750	U	260	< 770	770	U	270	< 1100	1,100	U	380
2,4-Dinitrotoluene			< 250	250	U	140	< 260	260	U	150	< 270	270	U	150	< 380	380	U	210
2,6-Dinitrotoluene			< 250	250	U	110	< 260	260	U	120	< 270	270	U	120	< 380	380	U	170
2-Chloronaphthalene			< 250	250	U	100	< 260	260	U	110	< 270	270	U	110	< 380	380	U	150
2-Chlorophenol			< 250	250	U	100	< 260	260	U	110	< 270	270	U	110	< 380	380	U	150
2-Methylnaphthalene			< 250	250	U	110	< 260	260	U	110	< 270	270	U	110	< 380	380	U	160
2-Methylphenol (o-cresol)	330	100,000	< 250	250	U	170	< 260	260	U	180	< 270	270	U	180	< 110	110	U	260
2-Nitroaniline			< 720	720	U	360	< 750	750	U	380	< 770	770	U	390	< 1100	1,100	U	550
2-Nitrophenol			< 250	250	U	230	< 260	260	U	240	< 270	270	U	240	< 380	380	U	350
3&4-Methylphenol (m&p-cresol)	330	100,000	< 250	250	U	140	< 260	260	U	150	< 270	270	U	150	< 380	380	U	210
3,3'-Dichlorobenzidine			< 720	720	U	170	< 750	750	U	180	< 770	770	U	180	< 1100	1,100	U	260
3-Nitroaniline			< 720	720	U	720	< 750	750	U	750	< 770	770	U	770	< 1100	1,100	U	1100
4,6-Dinitro-2-methylphenol			< 1800	1,800	U	390	< 1900	1,900	U	400	< 1900	1,900	U	410	< 2700	2,700	U	590
4-Bromophenyl phenyl ether			< 250	250	U	110	< 260	260	U	110	< 270	270	U	110	< 380	380	U	160
4-Chloro-3-methylphenol			< 250	250	U	130	< 260	260	U	130	< 270	270	U	130	< 380	380	U	190
4-Chloroaniline			< 290	290	U	170	< 300	300	U	170	< 310	310	U	180	< 440	440	U	250
4-Chlorophenyl phenyl ether			< 250	250	U	120	< 260	260	U	130	< 270	270	U	130	< 380	380	U	180
4-Nitroaniline			< 720	720	U	120	< 750	750	U	120	< 770	770	U	130	< 1100	1,100	U	180
4-Nitrophenol			< 360	360	U	160	< 370	370	U	170	< 380	380	U	170	< 540	540	U	250
Acenaphthene	20,000	100,000	< 250	250	U	110	< 260	260	U	110	< 270	270	U	120	< 380	380	U	170
Acenaphthylene	100,000	100,000	< 250	250	U	100	< 260	260	U	100	< 270	270	U	110	< 380	380	U	150
Acetophenone			< 250	250	U	110	< 260	260	U	120	< 270	270	U	120	< 380	380	U	170
Aniline			< 290	290	U	290	< 300	300	U	300	< 310	310	U	310	< 440	440	U	440
Anthracene	100,000	100,000	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 380	380	U	180
Benz(a)anthracene	1,000	1,000	< 250	250	U	120	< 260	260	U	130	< 270	270	U	130	< 380	380	U	180
Benzidine			< 720	720	U	210	< 750	750	U	220	< 770	770	U	230	< 1100	1,100	U	320
Benzo(a)pyrene	1,000	1,000	< 250	250	U	120	< 260	260	U	120	< 270	270	U	120	< 380	380	U	180
Benzo(b)fluoranthene	1,000	1,000	< 250	250	U	120	< 260	260	U	130	< 270	270	U	130	< 380	380	U	190
Benzo(ghi)perylene	100,000	100,000	< 250	250	U	120	< 260	260	U	120	< 270	270	U	120	< 380	380	U	180
Benzo(k)fluoranthene	800	3,900	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 380	380	U	180
Benzoic acid			< 1800	1,800	U	720	< 1900	1,900	U	750	< 1900	1,900	U	770	< 2700	2,700	U	1100
Benzyl butyl phthalate			< 250	250	U	93	< 260	260	U	96	< 270	270	U	99	< 380	380	U	140
Bis(2-chloroethoxy)methane			< 250	250	U	100	< 260	260	U	100	< 270	270	U	110	< 380	380	U	150
Bis(2-chloroethyl)ether			< 250	250	U	97	< 260	260	U	100	< 270	270	U	100	< 380	380	U	150
Bis(2-chloroisopropyl)ether			< 250	250	U	100	< 260	260	U	100	< 270	270	U	110	< 380	380	U	150
Bis(2-ethylhexyl)phthalate			< 250	250	U	100	< 260	260	U	110	< 270	270	U	110	< 380	380	U	160
Carbazole			< 1800	1,800	U	270	< 1900	1,900	U	280	< 1900	1,900	U	290	< 2700	2,700	U	410
Chrysene	1,000	3,900	< 250	250	U	120	< 260	260	U	130	< 270	270	U	130	< 380	380	U	180
Dibenz(a,h)anthracene	330	330	< 250	250	U	120	< 260	260	U	120	< 270	270	U	120	< 110	110	U	180
Dibenzofuran	7,000	59,000	< 250	250	U	110	< 260	260	U	110	< 270	270	U	110	< 380	380	U	160
Diethyl phthalate			< 250	250	U	110	< 260	260	U	120	< 270	270	U	120	< 380	380	U	170
Dimethylphthalate			< 250	250	U	110	< 260	260	U	120	< 270	270	U	120	< 380	380	U	170
Di-n-butylphthalate			< 250	250	U	96	< 260	260	U	99	< 270	270	U	100	< 380	380	U	140
Di-n-octylphthalate			< 250	250	U	93	< 260	260	U	96	< 270	270	U	99	< 380	380	U	140
Fluoranthene	100,000	100,000	< 250	250	U	120	< 260	260	U	120	< 270	270	U	120	< 380	380	U	180
Fluorene	30,000	100,000	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 380	380	U	180
Hexachlorobenzene			< 250	250	U	110	< 260	260	U	110	< 270	270	U	110	< 380	380	U	160
Hexachlorobutadiene																		

TABLE 4
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B22								15B23							
			11/20/2015								11/20/2015							
			(0-2') µg/Kg				(6-8') µg/Kg				(2-4') µg/Kg				(6-8') µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 320	320	U	160	< 360	360	U	180	< 2500	2,500	U	1300	< 350	350	U	170
1,2,4-Trichlorobenzene			< 320	320	U	140	< 360	360	U	160	< 2500	2,500	U	1100	< 350	350	U	150
1,2-Dichlorobenzene			< 320	320	U	130	< 360	360	U	150	< 2500	2,500	U	1000	< 350	350	U	140
1,2-Diphenylhydrazine			< 320	320	U	150	< 360	360	U	170	< 2500	2,500	U	1200	< 350	350	U	160
1,3-Dichlorobenzene			< 320	320	U	140	< 360	360	U	150	< 2500	2,500	U	1100	< 350	350	U	150
1,4-Dichlorobenzene			< 320	320	U	140	< 360	360	U	150	< 2500	2,500	U	1100	< 350	350	U	150
2,4,5-Trichlorophenol			< 320	320	U	250	< 360	360	U	280	< 2500	2,500	U	2000	< 350	350	U	270
2,4,6-Trichlorophenol			< 320	320	U	150	< 360	360	U	170	< 2500	2,500	U	1200	< 350	350	U	160
2,4-Dichlorophenol			< 320	320	U	160	< 360	360	U	180	< 2500	2,500	U	1300	< 350	350	U	170
2,4-Dimethylphenol			< 320	320	U	110	< 360	360	U	130	< 2500	2,500	U	890	< 350	350	U	120
2,4-Dinitrophenol			< 920	920	U	320	< 1000	1,000	U	360	< 7200	7,200	U	2500	< 990	990	U	350
2,4-Dinitrotoluene			< 320	320	U	180	< 360	360	U	200	< 2500	2,500	U	1400	< 350	350	U	200
2,6-Dinitrotoluene			< 320	320	U	150	< 360	360	U	160	< 2500	2,500	U	1100	< 350	350	U	160
2-Chloronaphthalene			< 320	320	U	130	< 360	360	U	150	< 2500	2,500	U	1000	< 350	350	U	140
2-Chlorophenol			< 320	320	U	130	< 360	360	U	150	< 2500	2,500	U	1000	< 350	350	U	140
2-Methylnaphthalene			< 320	320	U	140	< 360	360	U	150	< 2500	2,500	U	1100	< 350	350	U	150
2-Methylphenol (o-cresol)	330	100,000	< 320	320	U	220	< 330	330	U	240	< 720	720	U	720	< 330	330	U	230
2-Nitroaniline			< 920	920	U	470	< 1000	1,000	U	520	< 7200	7,200	U	3600	< 990	990	U	500
2-Nitrophenol			< 320	320	U	290	< 360	360	U	330	< 2500	2,500	U	2300	< 350	350	U	310
3&4-Methylphenol (m&p-cresol)	330	100,000	< 320	320	U	180	< 360	360	U	200	< 2500	2,500	U	1400	< 350	350	U	200
3,3'-Dichlorobenzidine			< 920	920	U	220	< 1000	1,000	U	240	< 7200	7,200	U	1700	< 990	990	U	230
3-Nitroaniline			< 920	920	U	920	< 1000	1,000	U	1000	< 7200	7,200	U	7200	< 990	990	U	990
4,6-Dinitro-2-methylphenol			< 2300	2,300	U	500	< 2600	2,600	U	560	< 18000	18,000	U	3900	< 2500	2,500	U	530
4-Bromophenyl phenyl ether			< 320	320	U	140	< 360	360	U	150	< 2500	2,500	U	1100	< 350	350	U	150
4-Chloro-3-methylphenol			< 320	320	U	160	< 360	360	U	180	< 2500	2,500	U	1300	< 350	350	U	170
4-Chloroaniline			< 370	370	U	220	< 410	410	U	240	< 2900	2,900	U	1700	< 400	400	U	230
4-Chlorophenyl phenyl ether			< 320	320	U	160	< 360	360	U	170	< 2500	2,500	U	1200	< 350	350	U	170
4-Nitroaniline			< 920	920	U	150	< 1000	1,000	U	170	< 7200	7,200	U	1200	< 990	990	U	170
4-Nitrophenol			< 460	460	U	210	< 520	520	U	230	< 3600	3,600	U	1600	< 500	500	U	220
Acenaphthene	20,000	100,000	< 320	320	U	140	< 360	360	U	160	< 2500	2,500	U	1100	< 350	350	U	150
Acenaphthylene	100,000	100,000	< 320	320	U	130	190	360	J	140	< 2500	2,500	U	1000	< 350	350	U	140
Acetophenone			< 320	320	U	140	< 360	360	U	160	< 2500	2,500	U	1100	< 350	350	U	150
Aniline			< 370	370	U	370	< 410	410	U	410	< 2900	2,900	U	2900	< 400	400	U	400
Anthracene	100,000	100,000	190	320	J	150	210	360	J	170	< 2500	2,500	U	1200	< 350	350	U	160
Benz(a)anthracene	1,000	1,000	560	320		160	870	360		170	1,300	2,500	J	1200	< 350	350	U	170
Benztidine			< 920	920	U	270	< 1000	1,000	U	300	< 7200	7,200	U	2100	< 990	990	U	290
Benzo(a)pyrene	1,000	1,000	520	320		150	1,200	360		170	< 1000	1,000	U	1000	< 350	350	U	160
Benzo(b)fluoranthene	1,000	1,000	540	320		160	690	360		180	< 1000	1,000	U	1000	< 350	350	U	170
Benzo(ghi)perylene	100,000	100,000	430	320		150	590	360		170	< 2500	2,500	U	1200	< 350	350	U	160
Benzo(k)fluoranthene	800	3,900	470	320		150	790	360		170	730	720		720	< 350	350	U	160
Benzoic acid			< 2300	2,300	U	920	< 2600	2,600	U	1000	< 18000	18,000	U	7200	< 2500	2,500	U	990
Benzyl butyl phthalate			< 320	320	U	120	< 360	360	U	130	< 2500	2,500	U	930	< 350	350	U	130
Bis(2-chloroethoxy)methane			< 320	320	U	130	< 360	360	U	140	< 2500	2,500	U	990	< 350	350	U	140
Bis(2-chloroethyl)ether			< 320	320	U	120	< 360	360	U	140	< 2500	2,500	U	970	< 350	350	U	130
Bis(2-chloroisopropyl)ether			< 320	320	U	130	< 360	360	U	140	< 2500	2,500	U	1000	< 350	350	U	140
Bis(2-ethylhexyl)phthalate			380	320		130	< 360	360	U	150	< 2500	2,500	U	1000	< 350	350	U	140
Carbazole			< 2300	2,300	U	350	< 2600	2,600	U	390	< 18000	18,000	U	2700	< 2500	2,500	U	380
Chrysene	1,000	3,900	680	320		160	860	360		170	1,200	1,100		1100	< 350	350	U	170
Dibenz(a,h)anthracene	330	330	< 320	320	U	150	< 330	330	U	170	< 720	720	U	720	< 330	330	U	160
Dibenzofuran	7,000	59,000	< 320	320	U	130	< 360	360	U	150	< 2500	2,500	U	1100	< 350	350	U	140
Diethyl phthalate			< 320	320	U	150	< 360	360	U	160	< 2500	2,500	U	1100	< 350	350	U	160
Dimethylphthalate			< 320	320	U	140	< 360	360	U	160	< 2500	2,500	U	1100	< 350	350	U	150
Di-n-butylphthalate			< 320	320	U	120	< 360	360	U	140	< 2500	2,500	U	960	< 350	350	U	130
Di-n-octylphthalate			< 320	320	U	120	< 360	360	U	130	< 2500	2,500	U	930	< 350	350	U	130
Fluoranthene	100,000	100,000	960	320		150	710	360		170	2,200	2,500	J	1200	< 350	350	U	160
Fluorene	30,000	100,000	< 320	320	U	150	< 360	360	U	170	< 2500	2,500	U	1200	< 350	350	U	160
Hexachlorobenzene			< 320	320	U	130	< 360	360	U	150	< 250							

TABLE 4
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Duplicate				Duplicate			
			11/20/2015				11/23/2015			
			µg/Kg				µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 260	260	U	130	< 250	250	U	130
1,2,4-Trichlorobenzene			< 260	260	U	110	< 250	250	U	110
1,2-Dichlorobenzene			< 260	260	U	110	< 250	250	U	100
1,2-Diphenylhydrazine			< 260	260	U	120	< 250	250	U	120
1,3-Dichlorobenzene			< 260	260	U	110	< 250	250	U	110
1,4-Dichlorobenzene			< 260	260	U	110	< 250	250	U	110
2,4,5-Trichlorophenol			< 260	260	U	210	< 250	250	U	190
2,4,6-Trichlorophenol			< 260	260	U	120	< 250	250	U	110
2,4-Dichlorophenol			< 260	260	U	130	< 250	250	U	130
2,4-Dimethylphenol			< 260	260	U	93	< 250	250	U	88
2,4-Dinitrophenol			< 750	750	U	260	< 710	710	U	250
2,4-Dinitrotoluene			< 260	260	U	150	< 250	250	U	140
2,6-Dinitrotoluene			< 260	260	U	120	< 250	250	U	110
2-Chloronaphthalene			< 260	260	U	110	< 250	250	U	100
2-Chlorophenol			< 260	260	U	110	< 250	250	U	100
2-Methylnaphthalene			510	260		110	< 250	250	U	110
2-Methylphenol (o-cresol)	330	100,000	< 260	260	U	180	< 250	250	U	170
2-Nitroaniline			< 750	750	U	380	< 710	710	U	360
2-Nitrophenol			< 260	260	U	240	< 250	250	U	230
3&4-Methylphenol (m&p-cresol)	330	100,000	< 260	260	U	150	< 250	250	U	140
3,3'-Dichlorobenzidine			< 750	750	U	180	< 710	710	U	170
3-Nitroaniline			< 750	750	U	750	< 710	710	U	710
4,6-Dinitro-2-methylphenol			< 1900	1,900	U	400	< 1800	1,800	U	380
4-Bromophenyl phenyl ether			< 260	260	U	110	< 250	250	U	100
4-Chloro-3-methylphenol			< 260	260	U	130	< 250	250	U	130
4-Chloroaniline			< 300	300	U	180	< 280	280	U	170
4-Chlorophenyl phenyl ether			< 260	260	U	130	< 250	250	U	120
4-Nitroaniline			< 750	750	U	130	< 710	710	U	120
4-Nitrophenol			< 380	380	U	170	< 360	360	U	160
Acenaphthene	20,000	100,000	2,800	260		110	< 250	250	U	110
Acenaphthylene	100,000	100,000	430	260		110	< 250	250	U	99
Acetophenone			< 260	260	U	120	< 250	250	U	110
Aniline			< 300	300	U	300	< 280	280	U	280
Anthracene	100,000	100,000	2,300	260		120	< 250	250	U	120
Benz(a)anthracene	1,000	1,000	1,300	260		130	120	250	J	120
Benztidine			< 750	750	U	220	< 710	710	U	210
Benzo(a)pyrene	1,000	1,000	1,100	260		120	< 250	250	U	120
Benzo(b)fluoranthene	1,000	1,000	1,400	260		130	< 250	250	U	120
Benzo(ghi)perylene	100,000	100,000	910	260		120	< 250	250	U	120
Benzo(k)fluoranthene	800	3,900	760	260		120	< 250	250	U	120
Benzoic acid			< 1900	1,900	U	750	< 1800	1,800	U	710
Benzyl butyl phthalate			< 260	260	U	97	< 250	250	U	92
Bis(2-chloroethoxy)methane			< 260	260	U	100	< 250	250	U	98
Bis(2-chloroethyl)ether			< 260	260	U	100	< 250	250	U	96
Bis(2-chloroisopropyl)ether			< 260	260	U	100	< 250	250	U	99
Bis(2-ethylhexyl)phthalate			< 260	260	U	110	< 250	250	U	100
Carbazole			520	1,900	J	290	< 1800	1,800	U	270
Chrysene	1,000	3,900	1,600	260		130	140	250	J	120
Dibenz(a,h)anthracene	330	330	< 260	260	U	120	< 250	250	U	120
Dibenzofuran	7,000	59,000	550	260		110	< 250	250	U	100
Diethyl phthalate			< 260	260	U	120	< 250	250	U	110
Dimethylphthalate			< 260	260	U	120	< 250	250	U	110
Di-n-butylphthalate			< 260	260	U	100	< 250	250	U	94
Di-n-octylphthalate			< 260	260	U	97	< 250	250	U	92
Fluoranthene	100,000	100,000	5,400	260		120	240	250	J	120
Fluorene	30,000	100,000	980	260		120	< 250	250	U	120
Hexachlorobenzene			< 260	260	U	110	< 250	250	U	100
Hexachlorobutadiene			< 260	260	U	140	< 250	250	U	130
Hexachlorocyclopentadiene			< 260	260	U	120	< 250	250	U	110
Hexachloroethane			< 260	260	U	110	< 250	250	U	110
Indeno(1,2,3-cd)pyrene	500	500	640	260		120	< 250	250	U	120
Isophorone			< 260	260	U	110	< 250	250	U	99
Naphthalene	12,000	100,000	340	260		110	< 250	250	U	100
Nitrobenzene			< 260	260	U	130	< 250	250	U	120
N-Nitrosodimethylamine			< 260	260	U	110	< 250	250	U	100
N-Nitrosodi-n-propylamine			< 260	260	U	120	< 250	250	U	120
N-Nitrosodiphenylamine			< 260	260	U	140	< 250	250	U	140
Pentachloronitrobenzene			< 260	260	U	140	< 250	250	U	130
Pentachlorophenol	800	6,700	< 260	260	U	140	< 250	250	U	130
Phenanthrene	100,000	100,000	4,100	260		110	160	250	J	100
Phenol	330	100,000	< 260	260	U	120	< 250	250	U	110
Pyrene	100,000	100,000	6,900	260		130	210	250	J	120
Pyridine			< 260	260	U	93	< 250	250	U	87

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
RL - Laboratory Reporting Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.

TABLE 5
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results
Pesticides and PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B1								15B3								15B4							
				11/24/2015								11/24/2015								11/24/2015							
				(0-2') µg/Kg				(5-7') µg/Kg				(0-2') µg/Kg				(5-7') µg/Kg				(0-2') µg/Kg				(6-8') µg/Kg			
				Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Pesticides	4,4' -DDD	3.3	13,000	< 9.5	9.5	U	9.5	< 2.4	2.4	U	2.4	< 2.1	2.1	U	2.1	< 2.4	2.4	U	2.4	< 2.2	2.2	U	2.2	< 2.4	2.4	U	2.4
	4,4' -DDE	3.3	8,900	< 9.5	9.5	U	9.5	< 2.4	2.4	U	2.4	< 2.1	2.1	U	2.1	< 2.4	2.4	U	2.4	< 2.2	2.2	U	2.2	< 2.4	2.4	U	2.4
	4,4' -DDT	3.3	7,900	< 9.5	9.5	U	9.5	< 2.4	2.4	U	2.4	< 2.1	2.1	U	2.1	< 2.4	2.4	U	2.4	< 2.2	2.2	U	2.2	< 2.4	2.4	U	2.4
	a-BHC	20	480	< 9.5	9.5	U	9.5	< 7.9	7.9	U	7.9	< 7.1	7.1	U	7.1	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.9	7.9	U	7.9
	a-Chlordane	94	4,200	< 19	19	U	19	< 4.0	4.0	U	4.0	< 3.6	3.6	U	3.6	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 4.0	4.0	U	4.0
	Aldrin	5	97	< 4.9	4.9	U	4.9	< 4.0	4.0	U	4.0	< 3.6	3.6	U	3.6	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 4.0	4.0	U	4.0
	b-BHC	36	360	< 9.5	9.5	U	9.5	< 7.9	7.9	U	7.9	< 7.1	7.1	U	7.1	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.9	7.9	U	7.9
	Chlordane			< 190	190	U	190	< 40	40	U	40	< 36	36	U	36	< 39	39	U	39	< 36	36	U	36	< 40	40	U	40
	d-BHC	40	100,000	< 38	38	U	38	< 7.9	7.9	U	7.9	< 7.1	7.1	U	7.1	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.9	7.9	U	7.9
	Dieldrin	5	200	< 4.9	4.9	U	4.9	< 4.0	4.0	U	4.0	< 3.6	3.6	U	3.6	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 4.0	4.0	U	4.0
	Endosulfan I	2,400	24,000	< 38	38	U	38	< 7.9	7.9	U	7.9	< 7.1	7.1	U	7.1	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.9	7.9	U	7.9
	Endosulfan II	2,400	24,000	< 38	38	U	38	< 7.9	7.9	U	7.9	< 7.1	7.1	U	7.1	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.9	7.9	U	7.9
	Endosulfan sulfate	2,400	24,000	< 38	38	U	38	< 7.9	7.9	U	7.9	< 7.1	7.1	U	7.1	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.9	7.9	U	7.9
	Endrin	14	11,000	< 9.5	9.5	U	9.5	< 7.9	7.9	U	7.9	< 7.1	7.1	U	7.1	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.9	7.9	U	7.9
	Endrin aldehyde			< 38	38	U	38	< 7.9	7.9	U	7.9	< 7.1	7.1	U	7.1	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.9	7.9	U	7.9
	Endrin ketone			< 38	38	U	38	< 7.9	7.9	U	7.9	< 7.1	7.1	U	7.1	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.9	7.9	U	7.9
	g-BHC			< 7.6	7.6	U	7.6	< 3.0	3.0	U	3.0	< 1.4	1.4	U	1.4	< 1.6	1.6	U	1.6	< 1.4	1.4	U	1.4	< 1.6	1.6	U	1.6
	g-Chlordane			< 19	19	U	19	< 4.0	4.0	U	4.0	< 3.6	3.6	U	3.6	< 3.9	3.9	U	3.9	< 3.6	3.6	U	3.6	< 4.0	4.0	U	4.0
	Heptachlor	42	2,100	< 38	38	U	38	< 7.9	7.9	U	7.9	< 7.1	7.1	U	7.1	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.9	7.9	U	7.9
	Heptachlor epoxide			< 38	38	U	38	< 7.9	7.9	U	7.9	< 7.1	7.1	U	7.1	< 7.9	7.9	U	7.9	< 7.2	7.2	U	7.2	< 7.9	7.9	U	7.9
	Methoxychlor			< 190	190	U	190	< 40	40	U	40	< 36	36	U	36	< 39	39	U	39	< 36	36	U	36	< 40	40	U	40
	Toxaphene			< 760	760	U	760	< 160	160	U	160	< 140	140	U	140	< 160	160	U	160	< 140	140	U	140	< 160	160	U	160
PCBs	PCB-1016	100	1,000	< 38	38	U	38	< 40	40	U	40	< 36	36	U	36	< 39	39	U	39	< 36	36	U	36	< 40	40	U	40
	PCB-1221	100	1,000	< 38	38	U	38	< 40	40	U	40	< 36	36	U	36	< 39	39	U	39	< 36	36	U	36	< 40	40	U	40
	PCB-1232	100	1,000	< 38	38	U	38	< 40	40	U	40	< 36	36	U	36	< 39	39	U	39	< 36	36	U	36	< 40	40	U	40
	PCB-1242	100	1,000	< 38	38	U	38	< 40	40	U	40	< 36	36	U	36	< 39	39	U	39	< 36	36	U	36	< 40	40	U	40
	PCB-1248	100	1,000	< 38	38	U	38	< 40	40	U	40	< 36	36	U	36	< 39	39	U	39	< 36	36	U	36	< 40	40	U	40
	PCB-1254	100	1,000	< 38	38	U	38	< 40	40	U	40	< 36	36	U	36	< 39	39	U	39	< 36	36	U	36	< 40	40	U	40
	PCB-1260	100	1,000	< 38	38	U	38	< 40	40	U	40	< 36	36	U	36	< 39	39	U	39	< 36	36	U	36	< 40	40	U	40
	PCB-1262	100	1,000	< 38	38	U	38	< 40	40	U	40	< 36	36	U	36	< 39	39	U	39	< 36	36	U	36	< 40	40	U	40
	PCB-1268	100	1,000	< 38	38	U	38	< 40	40	U	40	< 36	36	U	36	< 39	39	U	39	< 36	36	U	36	< 40	40	U	40

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response for the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

TABLE 5
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results
Pesticides and PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B6								15B9								15B10			
				11/20/2015								11/20/2015								11/20/2015			
				(3-5) µg/Kg				(10-12) µg/Kg				(0-2) µg/Kg				(6-8) µg/Kg				(6-8) µg/Kg			
				Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Pesticides	4,4' -DDD	3.3	13,000	< 2.3	2.3	U	2.3	< 3.2	3.2	U	3.2	< 2.1	2.1	U	2.1	< 2.5	2.5	U	2.5	< 2.3	2.3	U	2.3
	4,4' -DDE	3.3	8,900	< 2.3	2.3	U	2.3	< 3.2	3.2	U	3.2	< 2.1	2.1	U	2.1	< 2.5	2.5	U	2.5	< 2.3	2.3	U	2.3
	4,4' -DDT	3.3	7,900	< 2.3	2.3	U	2.3	< 3.2	3.2	U	3.2	< 2.1	2.1	U	2.1	< 2.5	2.5	U	2.5	< 2.3	2.3	U	2.3
	a-BHC	20	480	< 7.6	7.6	U	7.6	< 11	11	U	11	< 7.0	7.0	U	7.0	< 8.4	8.4	U	8.4	< 7.6	7.6	U	7.6
	a-Chlordane	94	4,200	< 3.8	3.8	U	3.8	< 5.3	5.3	U	5.3	< 3.5	3.5	U	3.5	< 4.2	4.2	U	4.2	< 3.8	3.8	U	3.8
	Aldrin	5	97	< 3.8	3.8	U	3.8	< 2.6	2.6	U	2.6	< 3.5	3.5	U	3.5	< 4.2	4.2	U	4.2	< 3.8	3.8	U	3.8
	b-BHC	36	360	< 7.6	7.6	U	7.6	< 11	11	U	11	< 7.0	7.0	U	7.0	< 8.4	8.4	U	8.4	< 7.6	7.6	U	7.6
	Chlordane			< 38	38	U	38	< 53	53	U	53	< 35	35	U	35	< 42	42	U	42	< 38	38	U	38
	d-BHC	40	100,000	< 7.6	7.6	U	7.6	< 11	11	U	11	< 7.0	7.0	U	7.0	< 8.4	8.4	U	8.4	< 7.6	7.6	U	7.6
	Dieldrin	5	200	< 3.8	3.8	U	3.8	< 2.6	2.6	U	2.6	< 3.5	3.5	U	3.5	< 4.2	4.2	U	4.2	< 3.8	3.8	U	3.8
	Endosulfan I	2,400	24,000	< 7.6	7.6	U	7.6	< 11	11	U	11	< 7.0	7.0	U	7.0	< 8.4	8.4	U	8.4	< 7.6	7.6	U	7.6
	Endosulfan II	2,400	24,000	< 7.6	7.6	U	7.6	< 11	11	U	11	< 7.0	7.0	U	7.0	< 8.4	8.4	U	8.4	< 7.6	7.6	U	7.6
	Endosulfan sulfate	2,400	24,000	< 7.6	7.6	U	7.6	< 11	11	U	11	< 7.0	7.0	U	7.0	< 8.4	8.4	U	8.4	< 7.6	7.6	U	7.6
	Endrin	14	11,000	< 7.6	7.6	U	7.6	< 11	11	U	11	< 7.0	7.0	U	7.0	< 8.4	8.4	U	8.4	< 7.6	7.6	U	7.6
	Endrin aldehyde			< 7.6	7.6	U	7.6	< 11	11	U	11	< 7.0	7.0	U	7.0	< 8.4	8.4	U	8.4	< 7.6	7.6	U	7.6
	Endrin ketone			< 7.6	7.6	U	7.6	< 11	11	U	11	< 7.0	7.0	U	7.0	< 8.4	8.4	U	8.4	< 7.6	7.6	U	7.6
	g-BHC			< 1.5	1.5	U	1.5	< 2.1	2.1	U	2.1	< 1.4	1.4	U	1.4	< 1.7	1.7	U	1.7	< 1.5	1.5	U	1.5
	g-Chlordane			< 3.8	3.8	U	3.8	< 5.3	5.3	U	5.3	< 3.5	3.5	U	3.5	< 4.2	4.2	U	4.2	< 3.8	3.8	U	3.8
	Heptachlor	42	2,100	< 7.6	7.6	U	7.6	< 11	11	U	11	< 7.0	7.0	U	7.0	< 8.4	8.4	U	8.4	< 7.6	7.6	U	7.6
	Heptachlor epoxide			< 7.6	7.6	U	7.6	< 11	11	U	11	< 7.0	7.0	U	7.0	< 8.4	8.4	U	8.4	< 7.6	7.6	U	7.6
	Methoxychlor			< 38	38	U	38	< 53	53	U	53	< 35	35	U	35	< 42	42	U	42	< 38	38	U	38
	Toxaphene			< 150	150	U	150	< 210	210	U	210	< 140	140	U	140	< 170	170	U	170	< 150	150	U	150
PCBs	PCB-1016	100	1,000	< 38	38	U	38	< 53	53	U	53	< 35	35	U	35	< 42	42	U	42	< 38	38	U	38
	PCB-1221	100	1,000	< 38	38	U	38	< 53	53	U	53	< 35	35	U	35	< 42	42	U	42	< 38	38	U	38
	PCB-1232	100	1,000	< 38	38	U	38	< 53	53	U	53	< 35	35	U	35	< 42	42	U	42	< 38	38	U	38
	PCB-1242	100	1,000	< 38	38	U	38	< 53	53	U	53	< 35	35	U	35	< 42	42	U	42	< 38	38	U	38
	PCB-1248	100	1,000	< 38	38	U	38	< 53	53	U	53	< 35	35	U	35	< 42	42	U	42	< 38	38	U	38
	PCB-1254	100	1,000	< 38	38	U	38	< 53	53	U	53	< 35	35	U	35	< 42	42	U	42	< 38	38	U	38
	PCB-1260	100	1,000	< 38	38	U	38	< 53	53	U	53	< 35	35	U	35	< 42	42	U	42	< 38	38	U	38
	PCB-1262	100	1,000	< 38	38	U	38	< 53	53	U	53	< 35	35	U	35	< 42	42	U	42	< 38	38	U	38
	PCB-1268	100	1,000	< 38	38	U	38	< 53	53	U	53	< 35	35	U	35	< 42	42	U	42	< 38	38	U	38

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response to the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

TABLE 5
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results
Pesticides and PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B11								15B13								15B18							
				11/23/2015								11/20/2015								11/20/2015							
				(0-2') µg/Kg				(6-8') µg/Kg				(0-2') µg/Kg				(6-8') µg/Kg				(0-2') µg/Kg				(6-8') µg/Kg			
				Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Pesticides	4,4' -DDD	3.3	13,000	< 2.2	2.2	U	2.2	< 2.4	2.4	U	2.4	3.1	2.3		2.3	< 2.4	2.4	U	2.4	< 2.1	2.1	U	2.1	< 2.2	2.2	U	2.2
	4,4' -DDE	3.3	8,900	< 2.2	2.2	U	2.2	< 2.4	2.4	U	2.4	7.9	2.3		2.3	< 2.4	2.4	U	2.4	< 2.1	2.1	U	2.1	< 2.2	2.2	U	2.2
	4,4' -DDT	3.3	7,900	4.2	2.2		2.2	< 2.4	2.4	U	2.4	9.4	2.3		2.3	< 2.4	2.4	U	2.4	< 2.1	2.1	U	2.1	< 2.2	2.2	U	2.2
	a-BHC	20	480	< 7.4	7.4	U	7.4	< 8.0	8.0	U	8.0	< 7.8	7.8	U	7.8	< 7.9	7.9	U	7.9	< 6.9	6.9	U	6.9	< 7.5	7.5	U	7.5
	a-Chlordane	94	4,200	< 3.7	3.7	U	3.7	< 4.0	4.0	U	4.0	< 3.9	3.9	U	3.9	< 4.0	4.0	U	4.0	< 3.5	3.5	U	3.5	< 3.7	3.7	U	3.7
	Aldrin	5	97	< 3.7	3.7	U	3.7	< 4.0	4.0	U	4.0	< 3.9	3.9	U	3.9	< 4.0	4.0	U	4.0	< 3.5	3.5	U	3.5	< 3.7	3.7	U	3.7
	b-BHC	36	360	< 7.4	7.4	U	7.4	< 8.0	8.0	U	8.0	< 7.8	7.8	U	7.8	< 7.9	7.9	U	7.9	< 6.9	6.9	U	6.9	< 7.5	7.5	U	7.5
	Chlordane			< 37	37	U	37	< 40	40	U	40	< 39	39	U	39	< 40	40	U	40	< 35	35	U	35	< 37	37	U	37
	d-BHC	40	100,000	< 7.4	7.4	U	7.4	< 8.0	8.0	U	8.0	< 7.8	7.8	U	7.8	< 7.9	7.9	U	7.9	< 6.9	6.9	U	6.9	< 7.5	7.5	U	7.5
	Dieldrin	5	200	< 3.7	3.7	U	3.7	< 4.0	4.0	U	4.0	< 3.9	3.9	U	3.9	< 4.0	4.0	U	4.0	< 3.5	3.5	U	3.5	< 3.7	3.7	U	3.7
	Endosulfan I	2,400	24,000	< 7.4	7.4	U	7.4	< 8.0	8.0	U	8.0	< 7.8	7.8	U	7.8	< 7.9	7.9	U	7.9	< 6.9	6.9	U	6.9	< 7.5	7.5	U	7.5
	Endosulfan II	2,400	24,000	< 7.4	7.4	U	7.4	< 8.0	8.0	U	8.0	< 7.8	7.8	U	7.8	< 7.9	7.9	U	7.9	< 6.9	6.9	U	6.9	< 7.5	7.5	U	7.5
	Endosulfan sulfate	2,400	24,000	< 7.4	7.4	U	7.4	< 8.0	8.0	U	8.0	< 7.8	7.8	U	7.8	< 7.9	7.9	U	7.9	< 6.9	6.9	U	6.9	< 7.5	7.5	U	7.5
	Endrin	14	11,000	< 7.4	7.4	U	7.4	< 8.0	8.0	U	8.0	< 7.8	7.8	U	7.8	< 7.9	7.9	U	7.9	< 6.9	6.9	U	6.9	< 7.5	7.5	U	7.5
	Endrin aldehyde			< 7.4	7.4	U	7.4	< 8.0	8.0	U	8.0	< 7.8	7.8	U	7.8	< 7.9	7.9	U	7.9	< 6.9	6.9	U	6.9	< 7.5	7.5	U	7.5
	Endrin ketone			< 7.4	7.4	U	7.4	< 8.0	8.0	U	8.0	< 7.8	7.8	U	7.8	< 7.9	7.9	U	7.9	< 6.9	6.9	U	6.9	< 7.5	7.5	U	7.5
	g-BHC			< 1.5	1.5	U	1.5	< 1.6	1.6	U	1.6	< 2.0	2.0	U	2.0	< 1.6	1.6	U	1.6	< 1.4	1.4	U	1.4	< 1.5	1.5	U	1.5
	g-Chlordane			< 3.7	3.7	U	3.7	< 4.0	4.0	U	4.0	< 12	12	U	12	< 4.0	4.0	U	4.0	< 3.5	3.5	U	3.5	< 3.7	3.7	U	3.7
	Heptachlor	42	2,100	< 7.4	7.4	U	7.4	< 8.0	8.0	U	8.0	< 7.8	7.8	U	7.8	< 7.9	7.9	U	7.9	< 6.9	6.9	U	6.9	< 7.5	7.5	U	7.5
	Heptachlor epoxide			< 7.4	7.4	U	7.4	< 8.0	8.0	U	8.0	< 7.8	7.8	U	7.8	< 7.9	7.9	U	7.9	< 6.9	6.9	U	6.9	< 7.5	7.5	U	7.5
	Methoxychlor			< 37	37	U	37	< 40	40	U	40	< 39	39	U	39	< 40	40	U	40	< 35	35	U	35	< 37	37	U	37
	Toxaphene			< 150	150	U	150	< 160	160	U	160	< 160	160	U	160	< 160	160	U	160	< 140	140	U	140	< 150	150	U	150
PCBs	PCB-1016	100	1,000	< 37	37	U	37	< 40	40	U	40	< 39	39	U	39	< 40	40	U	40	< 35	35	U	35	< 37	37	U	37
	PCB-1221	100	1,000	< 37	37	U	37	< 40	40	U	40	< 39	39	U	39	< 40	40	U	40	< 35	35	U	35	< 37	37	U	37
	PCB-1232	100	1,000	< 37	37	U	37	< 40	40	U	40	< 39	39	U	39	< 40	40	U	40	< 35	35	U	35	< 37	37	U	37
	PCB-1242	100	1,000	< 37	37	U	37	< 40	40	U	40	< 39	39	U	39	< 40	40	U	40	< 35	35	U	35	< 37	37	U	37
	PCB-1248	100	1,000	< 37	37	U	37	< 40	40	U	40	< 39	39	U	39	< 40	40	U	40	< 35	35	U	35	< 37	37	U	37
	PCB-1254	100	1,000	< 37	37	U	37	< 40	40	U	40	< 39	39	U	39	< 40	40	U	40	< 35	35	U	35	< 37	37	U	37
	PCB-1260	100	1,000	< 37	37	U	37	< 40	40	U	40	< 39	39	U	39	< 40	40	U	40	< 35	35	U	35	< 37	37	U	37
	PCB-1262	100	1,000	< 37	37	U	37	< 40	40	U	40	< 39	39	U	39	< 40	40	U	40	< 35	35	U	35	< 37	37	U	37
	PCB-1268	100	1,000	< 37	37	U	37	< 40	40	U	40	< 39	39	U	39	< 40	40	U	40	< 35	35	U	35	< 37	37	U	37

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response for the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

TABLE 5
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results
Pesticides and PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B19								15B22								15B23							
				11/20/2015								11/20/2015								11/20/2015							
				(0-2') µg/Kg				(6-8') µg/Kg				(0-2') µg/Kg				(6-8') µg/Kg				(2-4') µg/Kg				(6-8') µg/Kg			
				Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Pesticides	4,4' -DDD	3.3	13,000	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2	< 14	14	U	14	< 3.1	3.1	U	3.1	< 2.2	2.2	U	2.2	< 3.0	3.0	U	3.0
	4,4' -DDE	3.3	8,900	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2	130	14		14	< 3.1	3.1	U	3.1	< 2.2	2.2	U	2.2	< 3.0	3.0	U	3.0
	4,4' -DDT	3.3	7,900	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2	280	14		14	< 3.1	3.1	U	3.1	< 2.2	2.2	U	2.2	< 3.0	3.0	U	3.0
	a-BHC	20	480	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 12	12	U	12	< 10	10	U	10	< 7.3	7.3	U	7.3	< 9.9	9.9	U	9.9
	a-Chlordane	94	4,200	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	300	23		23	< 5.2	5.2	U	5.2	< 3.7	3.7	U	3.7	< 4.9	4.9	U	4.9
	Aldrin	5	97	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 12	12	U	12	< 2.6	2.6	U	2.6	< 3.7	3.7	U	3.7	< 4.9	4.9	U	4.9
	b-BHC	36	360	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 12	12	U	12	< 10	10	U	10	< 7.3	7.3	U	7.3	< 9.9	9.9	U	9.9
	Chlordane			< 36	36	U	36	< 37	37	U	37	1,600	230		230	< 52	52	U	52	< 37	37	U	37	< 49	49	U	49
	d-BHC	40	100,000	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 23	23	U	23	< 10	10	U	10	< 7.3	7.3	U	7.3	< 9.9	9.9	U	9.9
	Dieldrin	5	200	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 23	23	U	23	< 1.6	1.6	U	1.6	< 3.7	3.7	U	3.7	< 4.9	4.9	U	4.9
	Endosulfan I	2,400	24,000	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 46	46	U	46	< 10	10	U	10	< 7.3	7.3	U	7.3	< 9.9	9.9	U	9.9
	Endosulfan II	2,400	24,000	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 46	46	U	46	< 10	10	U	10	< 7.3	7.3	U	7.3	< 9.9	9.9	U	9.9
	Endosulfan sulfate	2,400	24,000	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 46	46	U	46	< 10	10	U	10	< 7.3	7.3	U	7.3	< 9.9	9.9	U	9.9
	Endrin	14	11,000	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 23	23	U	23	< 10	10	U	10	< 7.3	7.3	U	7.3	< 9.9	9.9	U	9.9
	Endrin aldehyde			< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 46	46	U	46	< 10	10	U	10	< 7.3	7.3	U	7.3	< 9.9	9.9	U	9.9
	Endrin ketone			< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 46	46	U	46	< 10	10	U	10	< 7.3	7.3	U	7.3	< 9.9	9.9	U	9.9
	g-BHC			< 1.4	1.4	U	1.4	< 1.5	1.5	U	1.5	< 9.2	9.2	U	9.2	< 2.1	2.1	U	2.1	< 1.5	1.5	U	1.5	< 2.0	2.0	U	2.0
	g-Chlordane			< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	250	23		23	< 5.2	5.2	U	5.2	< 3.7	3.7	U	3.7	< 4.9	4.9	U	4.9
	Heptachlor	42	2,100	< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 23	23	U	23	< 10	10	U	10	< 7.3	7.3	U	7.3	< 9.9	9.9	U	9.9
	Heptachlor epoxide			< 7.2	7.2	U	7.2	< 7.4	7.4	U	7.4	< 46	46	U	46	< 10	10	U	10	< 7.3	7.3	U	7.3	< 9.9	9.9	U	9.9
	Methoxychlor			< 36	36	U	36	< 37	37	U	37	< 230	230	U	230	< 52	52	U	52	< 37	37	U	37	< 49	49	U	49
	Toxaphene			< 140	140	U	140	< 150	150	U	150	< 920	920	U	920	< 210	210	U	210	< 150	150	U	150	< 200	200	U	200
PCBs	PCB-1016	100	1,000	< 36	36	U	36	< 37	37	U	37	< 46	46	U	46	< 52	52	U	52	< 37	37	U	37	< 49	49	U	49
	PCB-1221	100	1,000	< 36	36	U	36	< 37	37	U	37	< 46	46	U	46	< 52	52	U	52	< 37	37	U	37	< 49	49	U	49
	PCB-1232	100	1,000	< 36	36	U	36	< 37	37	U	37	< 46	46	U	46	< 52	52	U	52	< 37	37	U	37	< 49	49	U	49
	PCB-1242	100	1,000	< 36	36	U	36	< 37	37	U	37	< 46	46	U	46	< 52	52	U	52	< 37	37	U	37	< 49	49	U	49
	PCB-1248	100	1,000	< 36	36	U	36	< 37	37	U	37	< 46	46	U	46	< 52	52	U	52	< 37	37	U	37	< 49	49	U	49
	PCB-1254	100	1,000	< 36	36	U	36	< 37	37	U	37	< 46	46	U	46	< 52	52	U	52	< 37	37	U	37	< 49	49	U	49
	PCB-1260	100	1,000	< 36	36	U	36	< 37	37	U	37	210	46		46	< 52	52	U	52	< 37	37	U	37	< 49	49	U	49
	PCB-1262	100	1,000	< 36	36	U	36	< 37	37	U	37	< 46	46	U	46	< 52	52	U	52	< 37	37	U	37	< 49	49	U	49
	PCB-1268	100	1,000	< 36	36	U	36	< 37	37	U	37	< 46	46	U	46	< 52	52	U	52	< 37	37	U	37	< 49	49	U	49

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response for the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

TABLE 5
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results
Pesticides and PCBs

	COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	Duplicate				Duplicate			
				11/20/2015				11/23/2015			
				µg/Kg				µg/Kg			
				Result	RL	Qual	MDL	Result	RL	Qual	MDL
Pesticides	4,4' -DDD	3.3	13,000	8	2.3		2.3	< 2.2	2.2	U	2.2
	4,4' -DDE	3.3	8,900	22	2.3		2.3	< 2.2	2.2	U	2.2
	4,4' -DDT	3.3	7,900	32	2.3		2.3	3.6	2.2		2.2
	a-BHC	20	480	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2
	a-Chlordane	94	4,200	< 11	11	U	11	< 3.6	3.6	U	3.6
	Aldrin	5	97	< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6
	b-BHC	36	360	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2
	Chlordane			< 38	38	U	38	< 36	36	U	36
	d-BHC	40	100,000	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2
	Dieldrin	5	200	< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6
	Endosulfan I	2,400	24,000	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2
	Endosulfan II	2,400	24,000	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2
	Endosulfan sulfate	2,400	24,000	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2
	Endrin	14	11,000	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2
	Endrin aldehyde			220	75		75	< 7.2	7.2	U	7.2
	Endrin ketone			< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2
	g-BHC			< 1.5	1.5	U	1.5	< 1.4	1.4	U	1.4
	g-Chlordane			< 15	15	U	15	< 3.6	3.6	U	3.6
	Heptachlor	42	2,100	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2
	Heptachlor epoxide			< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2
	Methoxychlor			< 38	38	U	38	< 36	36	U	36
	Toxaphene			< 150	150	U	150	< 140	140	U	140
PCBs	PCB-1016	100	1,000	< 38	38	U	38	< 36	36	U	36
	PCB-1221	100	1,000	< 38	38	U	38	< 36	36	U	36
	PCB-1232	100	1,000	< 38	38	U	38	< 36	36	U	36
	PCB-1242	100	1,000	< 38	38	U	38	< 36	36	U	36
	PCB-1248	100	1,000	< 38	38	U	38	< 36	36	U	36
	PCB-1254	100	1,000	< 38	38	U	38	< 36	36	U	36
	PCB-1260	100	1,000	110	38		38	< 36	36	U	36
	PCB-1262	100	1,000	< 38	38	U	38	< 36	36	U	36
	PCB-1268	100	1,000	< 38	38	U	38	< 36	36	U	36

Notes:

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U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response to the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

TABLE 6
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results
TAL Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B1								15B3								15B4							
			11/24/2015								11/24/2015								11/24/2015							
			(0-2') mg/Kg				(5-7') mg/Kg				(0-2') mg/Kg				(5-7') mg/Kg				(0-2') mg/Kg				(6-8') mg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			4,390	360	*	72	10,300	39	*	7.8	5,030	34	*	6.9	3,260	41	*	8.2	6,980	35	*	7.0	8,910	41	*	8.1
Antimony			< 1.8	1.8	U	1.8	< 2.0	2.0	U	2.0	< 1.7	1.7	U	1.7	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 2.0	2.0	U	2.0
Arsenic	13	16	3.7	0.7		0.72	7.7	0.8		0.78	19.5	0.7		0.69	33.5	0.8		0.82	19.5	0.7		0.70	2	0.8		0.81
Barium	350	350	38	0.7		0.36	33.9	0.8		0.39	43.4	0.7		0.34	21	0.8		0.41	48.9	0.7		0.35	33	0.8		0.41
Beryllium	7.2	14	0.23	0.29	B	0.14	0.5	0.31		0.16	0.18	0.28	B	0.14	< 0.33	0.33	U	0.16	0.28	0.28	B	0.14		0.33		0.16
Cadmium	2.5	2.5	1.23	0.36		0.14	1	0.39		0.16	3.41	0.34		0.14	4.01	0.41		0.16	1.58	0.35		0.14	1	0.41		0.16
Calcium			20,500	360	*	330	26,800	39	*	36	3,000	3.4	*	3.2	5,910	4.1	*	3.8	7,990	3.5	*	3.2	10,400	4.1	*	3.7
Chromium	30	180	14.7	0.36		0.36	22.5	0.39		0.39	25.3	0.34		0.34	69.6	0.41		0.41	27.5	0.35		0.35	20	0.41		0.41
Cobalt			22.1	0.36		0.36	34.3	0.39		0.39	37.2	0.34		0.34	92.7	0.41		0.41	24.9	0.35		0.35	19	0.41		0.41
Copper	50	270	36.6	0.36		0.36	33.8	0.39		0.39	72.6	0.34		0.34	194	4.1		4.1	100	0.35		0.35	21	0.41		0.41
Iron			73,700	360	*	360	69,000	39	*	39	193,000	340	*	340	222,000	410	*	410	97,500	350	*	350	47,700	41	*	41
Lead	63	400	76	0.7	*	0.36	60.8	0.8	*	0.39	282	6.9	*	3.4	16.1	0.8	*	0.41	2,280	70	*	35	38	0.8	*	0.41
Magnesium			11,300	360	*	360	19,600	39	*	39	1,110	3.4	*	3.4	2,250	4.1	*	4.1	3,660	3.5	*	3.5	6,310	41	*	41
Manganese	1,600	2,000	522	36	*	36	970	3.9	*	3.9	1,030	3.4	*	3.4	2,750	41	*	41	1,020	3.5	*	3.5	741	4.1	*	4.1
Mercury	0.18	0.81	0.04	0.03		0.02	0.04	0.03		0.02	0.31	0.03		0.02	< 0.03	0.03	U	0.02	0.92	0.03		0.02	< 0.03	0.03	U	0.02
Nickel	30	140	26.5	0.36		0.36	36	0.39		0.39	36.8	0.34		0.34	143	0.41		0.41	35.7	0.35		0.35	23	0.41		0.41
Potassium			766	7		2.8	3,160	8		3.1	647	7		2.7	376	8		3.2	1,090	7		2.7	1,750	8		3.2
Selenium	3.9	36	< 1.4	1.4	U	1.2	< 1.6	1.6	U	1.3	< 1.4	1.4	U	1.2	< 1.6	1.6	U	1.4	< 1.4	1.4	U	1.2	< 1.6	1.6	U	1.4
Silver	2	36	< 0.36	0.36	U	0.36	< 0.39	0.39	U	0.39	< 0.34	0.34	U	0.34	< 0.41	0.41	U	0.41	< 0.35	0.35	U	0.35	< 0.41	0.41	U	0.41
Sodium			1,480	7		3.1	3,150	8		3.4	144	7		3.0	889	8		3.5	204	7		3.0	810	8		3.5
Thallium			< 1.4	1.4	U	1.4	< 1.6	1.6	U	1.6	< 1.4	1.4	U	1.4	< 1.6	1.6	U	1.6	< 1.4	1.4	U	1.4	< 1.6	1.6	U	1.6
Vanadium			29.8	0.4		0.36	36.9	0.4		0.39	73.3	0.3		0.34	92.8	0.4		0.41	57.4	0.4		0.35	26	0.4		0.41
Zinc	109	2,200	29.6	0.7		0.36	50.6	0.8		0.39	89.1	0.7		0.34	< 8.2	8.2	U	4.1	95.5	0.7		0.35	34.1	0.8		0.41

Notes:

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TABLE 6
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results
TAL Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYSDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B6								15B9								15B10				15B11							
			11/20/2015								11/20/2015								11/20/2015				11/23/2015							
			(3-5) mg/Kg				(10-12) mg/Kg				(0-2) mg/Kg				(6-8) mg/Kg				(6-8) mg/Kg				(0-2) mg/Kg				(6-8) mg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			4,000	36		7.2	15,500	51		10	5,910	35		7.0	9,780	42		8.3	3,990	36		7.3	6,420	36		7.3	9,670	39		7.7
Antimony			< 1.8	1.8	U	1.8	< 2.6	2.6	U	2.6	< 1.7	1.7	U	1.7	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9
Arsenic	13	16	11.9	0.7		0.72	8	1.0		1.0	9.8	0.7		0.70	4	0.8		0.83	22.8	0.7		0.73	14.2	0.7		0.73	2	0.8		0.77
Barium	350	350	53.3	0.7		0.36	39	1.0		0.51	44.7	0.7		0.35	38	0.8		0.42	30.4	0.7		0.36	87.5	0.7		0.36	27	0.8		0.39
Beryllium	7.2	14	0.18	0.29	B	0.14	1	0.41		0.20	0.25	0.28	B	0.14	1	0.33		0.17	0.19	0.29	B	0.15	0.4	0.29		0.15		0.31		0.15
Cadmium	2.5	2.5	3.03	0.36		0.14	1	0.51		0.20	2.98	0.35		0.14		0.42	B	0.17	3.55	0.36		0.15	2.06	0.36		0.15	2	0.39		0.15
Calcium			4,700	3.6		3.3	2,070	5.1		4.7	4,510	3.5		3.2	15,800	42		38	411	3.6		3.3	13,500	36		34	5,850	39		36
Chromium	30	180	28.2	0.36		0.36	32.8	0.51		0.51	25.7	0.35		0.35	25	0.42		0.42	45.9	0.36		0.36	18.4	0.36		0.36	23	0.39		0.39
Cobalt			48.7	0.36		0.36	12	0.51		0.51	47.7	0.35		0.35	10	0.42		0.42	54	0.36		0.36	26.8	0.36		0.36	17	0.39		0.39
Copper	50	270	64.6	0.36	*	0.36	17	0.51	*	0.51	28	0.35	*	0.35	20	0.42	*	0.42	40.6	0.36	*	0.36	51.2	0.36		0.36	31	0.39		0.39
Iron			139,000	360		360	31,100	51		51	148,000	350		350	20,700	42		42	164,000	360		360	96,400	360		360	82,500	39		39
Lead	63	400	42.2	0.7		0.36	12	1.0		0.51	24.5	0.7		0.35	33	0.8		0.42	10.3	0.7		0.36	317	7.3	N	3.6	51	0.8	N	0.39
Magnesium			518	3.6	N	3.6	7,430	5.1	N	5.1	2,150	3.5	N	3.5	11,400	42	N	42	774	3.6	N	3.6	1,460	36		36	6,540	39		39
Manganese	1,600	2,000	1,660	36		36	459	5.1		5.1	1,150	3.5		3.5	357	4.2		4.2	484	3.6		3.6	793	3.6		3.6	2,450	39		39
Mercury	0.18	0.81	0.05	0.03	*	0.02	< 0.04	0.04	U*	0.03	0.14	0.03	*	0.02	< 0.03	0.03	U*	0.02	< 0.03	0.03	U*	0.02	0.22	0.03	*	0.02	< 0.03	0.03	U*	0.02
Nickel	30	140	49.6	0.36		0.36	26	0.51		0.51	45.9	0.35		0.35	20	0.42		0.42	42.8	0.36		0.36	33	0.36		0.36	23	0.39		0.39
Potassium			334	7		2.8	4,220	10		4.0	613	7		2.7	3,170	8		3.2	537	7		2.8	707	7		2.8	916	77		30
Selenium	3.9	36	< 1.4	1.4	U	1.2	< 2.0	2.0	U	1.7	< 1.4	1.4	U	1.2	< 1.7	1.7	U	1.4	< 1.5	1.5	U	1.2	< 1.5	1.5	U	1.2	< 1.5	1.5	U	1.3
Silver	2	36	< 0.36	0.36	U	0.36	< 0.51	0.51	U	0.51	< 0.35	0.35	U	0.35	< 0.42	0.42	U	0.42	< 0.36	0.36	U	0.36	< 0.36	0.36	U	0.36	< 0.39	0.39	U	0.39
Sodium			149	7	N	3.1	587	10	N	4.4	214	7	N	3.0	2,730	8	N	3.6	1,010	7	N	3.1	238	7		3.1	1,610	77		33
Thallium			< 1.4	1.4	U	1.4	< 2.0	2.0	U	2.0	< 1.4	1.4	U	1.4	< 1.7	1.7	U	1.7	< 1.5	1.5	U	1.5	< 1.5	1.5	U	1.5	< 1.5	1.5	U	1.5
Vanadium			71.6	0.4		0.36	45	0.5		0.51	80.8	0.3		0.35	30	0.4		0.42	127	0.4		0.36	47.1	0.4		0.36	34	0.4		0.39
Zinc	109	2,200	< 7.2	7.2	U	3.6	67.6	1.0		0.51	4.6	0.7		0.35	45.7	0.8		0.42	< 7.3	7.3	U	3.6	123	7.3		3.6	24.6	0.8		0.39

Notes:

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TABLE 6
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results
TAL Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B13								15B18								15B19							
			11/20/2015								11/20/2015								11/20/2015							
			(0-2') mg/Kg				(6-8') mg/Kg				(0-2') mg/Kg				(6-8') mg/Kg				(0-2') mg/Kg				(6-8') mg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			5,130	36		7.3	416	4.1		0.83	5,800	35		6.9	7,740	36		7.1	11,500	39		7.8	13,500	35		6.9
Antimony			< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 1.7	1.7	U	1.7	< 1.8	1.8	U	1.8	< 2.0	2.0	U	2.0	< 1.7	1.7	U	1.7
Arsenic	13	16	14.2	0.7		0.73	< 0.8	0.8	U	0.83	20.1	0.7		0.69	3	0.7		0.71	2.3	0.8		0.78	1	0.7		0.69
Barium	350	350	95.7	0.7		0.36	3	0.8		0.41	49.1	0.7		0.35	15	0.7		0.36	30.3	0.8		0.39	10.7	0.7		0.35
Beryllium	7.2	14	0.39	0.29		0.15	< 0.33	0.33	U	0.17	0.28	0.28	B	0.14		0.28		0.14	0.64	0.31		0.16	0.53	0.28		0.14
Cadmium	2.5	2.5	0.79	0.36		0.15	< 0.41	0.41	U	0.17	1.95	0.35		0.14		0.36	B	0.14	0.2	0.39	B	0.16	< 0.35	0.35	U	0.14
Calcium			19,400	36		33	1,680	4.1		3.8	11,300	35		32	7,920	3.6		3.3	46,500	39		36	1,450	3.5		3.2
Chromium	30	180	15.3	0.36		0.36	2	0.41		0.41	17.2	0.35		0.35	19	0.36		0.36	19.7	0.39		0.39	28.7	0.35		0.35
Cobalt			8.28	0.36		0.36	1	0.41		0.41	16.3	0.35		0.35	8	0.36		0.36	9.58	0.39		0.39	9.31	0.35		0.35
Copper	50	270	44.8	0.36		0.36	3	0.41		0.41	37.5	0.35	*	0.35	21	0.36	*	0.36	16.5	0.39	*	0.39	18	0.35	*	0.35
Iron			29,000	36		36	1,100	4.1		4.1	79,900	35		35	13,600	36		36	18,600	39		39	16,300	35		35
Lead	63	400	89.3	0.7		0.36	6	0.8		0.41	65.3	0.7		0.35	5	0.7		0.36	5.2	0.8		0.39	4.8	0.7		0.35
Magnesium			5,670	36		36	486	4.1		4.1	1,590	3.5	N	3.5	9,240	36	N	36	8,190	39	N	39	14,200	35	N	35
Manganese	1,600	2,000	216	3.6	N	3.6	62	0.41	N	0.41	938	3.5		3.5	279	3.6		3.6	435	3.9		3.9	244	3.5		3.5
Mercury	0.18	0.81	0.06	0.03		0.02	< 0.03	0.03	U	0.02	0.02	0.03	B*	0.02	< 0.03	0.03	U*	0.02	< 0.03	0.03	U*	0.02	< 0.03	0.03	U*	0.02
Nickel	30	140	16.3	0.36		0.36	2	0.41		0.41	22	0.35		0.35	13	0.36		0.36	16.1	0.39		0.39	16.4	0.35		0.35
Potassium			829	7	N	2.8	153	8	N	3.2	1,130	7		2.7	2,070	7		2.8	1,030	8		3.1	1,870	7		2.7
Selenium	3.9	36	< 1.5	1.5	U	1.2	< 1.7	1.7	U	1.4	< 1.4	1.4	U	1.2	< 1.4	1.4	U	1.2	< 1.6	1.6	U	1.3	< 1.4	1.4	U	1.2
Silver	2	36	< 0.36	0.36	U	0.36	< 0.41	0.41	U	0.41	< 0.35	0.35	U	0.35	< 0.36	0.36	U	0.36	< 0.39	0.39	U	0.39	< 0.35	0.35	U	0.35
Sodium			893	7		3.1	702	8		3.5	792	7	N	3.0	963	7	N	3.1	1,330	8	N	3.4	1,170	7	N	3.0
Thallium			< 1.5	1.5	U	1.5	< 1.7	1.7	U	1.7	< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4	< 1.6	1.6	U	1.6	< 1.4	1.4	U	1.4
Vanadium			29.7	0.4		0.36	2	0.4		0.41	50.3	0.3		0.35	26	0.4		0.36	25.7	0.4		0.39	36.8	0.3		0.35
Zinc	109	2,200	100	0.7		0.36	4.4	0.8		0.41	49.6	0.7		0.35	41.1	0.7		0.36	37.4	0.8		0.39	51.4	0.7		0.35

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL.
	The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response to the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

TABLE 6
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results
TAL Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	15B22								15B23								Duplicate				Duplicate			
			11/20/2015								11/20/2015								11/20/2015				11/23/2015			
			(0-2') mg/Kg				(6-8') mg/Kg				(2-4') mg/Kg				(6-8') mg/Kg				mg/Kg				mg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			6,890	46		9.3	9,890	48		9.7	5,950	38		7.5	17,100	49		9.7	4,720	35		7.0	4,910	34		6.8
Antimony			< 2.3	2.3	U	2.3	< 2.4	2.4	U	2.4	< 1.9	1.9	U	1.9	< 2.4	2.4	U	2.4	< 1.8	1.8	U	1.8	< 1.7	1.7	U	1.7
Arsenic	13	16	14.2	0.9		0.93	34.9	1.0		0.97	9.2	0.8		0.75	8.7	1.0		0.97	6.7	0.7		0.70	18.6	0.7		0.68
Barium	350	350	537	0.9		0.46	121	1.0		0.48	35.8	0.8		0.38	57.5	1.0		0.49	104	0.7		0.35	84	0.7		0.34
Beryllium	7.2	14	0.25	0.37	B	0.19	1	0.39		0.19	0.27	0.30	B	0.15	0.79	0.39		0.19	0.27	0.28	B	0.14	0.24	0.27	B	0.14
Cadmium	2.5	2.5	4.96	0.46		0.19	1	0.48		0.19	2.54	0.38		0.15	0.35	0.49	B	0.19	1.04	0.35		0.14	2.33	0.34		0.14
Calcium			18,700	46		43	71,800	48		45	2,490	3.8		3.5	6,830	4.9		4.5	32,400	35		32	9,820	34		31
Chromium	30	180	128	0.46		0.46	39.5	0.48		0.48	22.7	0.38		0.38	35.4	0.49		0.49	21.7	0.35		0.35	21.4	0.34		0.34
Cobalt			15.9	0.46		0.46	14	0.48		0.48	21.1	0.38		0.38	12	0.49		0.49	7.1	0.35		0.35	28.4	0.34		0.34
Copper	50	270	1340	4.6		4.6	145	0.48		0.48	13.6	0.38	*	0.38	14.3	0.49	*	0.49	75.8	0.35		0.35	35.5	0.34		0.34
Iron			71,300	46		46	30,700	48		48	122,000	380		380	33,000	49		49	25,900	35		35	116,000	340		340
Lead	63	400	1550	9.3		4.6	255	9.7		4.8	155	7.5		3.8	18	1.0		0.49	497	7.0		3.5	476	6.8	N	3.4
Magnesium			3,630	4.6		4.6	9,500	48		48	1,580	3.8	N	3.8	9,100	49	N	49	11,500	35		35	1,280	34		34
Manganese	1,600	2,000	992	4.6	N	4.6	382	4.8	N	4.8	853	3.8		3.8	407	4.9		4.9	284	3.5	N	3.5	1,950	34		34
Mercury	0.18	0.81	0.34	0.04		0.02	2.85	0.18		0.11	< 0.03	0.03	U*	0.02	0.03	0.04	B*	0.02	0.09	0.03		0.02	0.21	0.03	*	0.02
Nickel	30	140	131	0.46		0.46	28	0.48		0.48	24.9	0.38		0.38	23.8	0.49		0.49	22.2	0.35		0.35	38.6	0.34		0.34
Potassium			1,640	9	N	3.6	4,470	10	N	3.8	674	8		2.9	4,990	97		38	993	7	N	2.7	518	7		2.6
Selenium	3.9	36	< 1.9	1.9	U	1.6	< 1.9	1.9	U	1.6	< 1.5	1.5	U	1.3	< 1.9	1.9	U	1.7	< 1.4	1.4	U	1.2	< 1.4	1.4	U	1.2
Silver	2	36	3.09	0.46		0.46	2	0.48		0.48	< 0.38	0.38	U	0.38	< 0.49	0.49	U	0.49	< 0.35	0.35	U	0.35	< 0.34	0.34	U	0.34
Sodium			1,350	9		4.0	4,140	10		4.2	165	8	N	3.2	2,460	10	N	4.2	885	7		3.0	274	7		2.9
Thallium			< 1.9	1.9	U	1.9	< 1.9	1.9	U	1.9	< 1.5	1.5	U	1.5	< 1.9	1.9	U	1.9	< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4
Vanadium			53.3	0.5		0.46	36	0.5		0.48	66.1	0.4		0.38	42.7	0.5		0.49	31.6	0.4		0.35	55	0.3		0.34
Zinc	109	2,200	2840	93		46	223	9.7		4.8	22.9	0.8		0.38	69.5	1.0		0.49	225	7.0		3.5	236	6.8		3.4

Notes:

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

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

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

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response to the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

TABLE 7
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Analytical Results
Total Cyanide

COMPOUND	15B1								15B3								15B4								15B6							
	11/24/2015								11/24/2015								11/24/2015								11/20/2015							
	(0-2') µg/Kg				(5-7') µg/Kg				(0-2') µg/Kg				(5-7') µg/Kg				(0-2') µg/Kg				(6-8') µg/Kg				(3-5') µg/Kg				(10-12') µg/Kg			
	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Total Cyanide (SW9010C Distill.)	< 0.57	0.57	U	0.29	< 0.60	0.60	U	0.30	< 0.46	0.46	U	0.23	< 0.55	0.55	U	0.28	0.956	0.55		0.27	< 0.55	0.55	U	0.27	0.667	0.57		0.29	< 0.73	0.73	U	0.37

COMPOUND	15B9								15B10				15B11								15B13								15B18							
	11/20/2015								11/20/2015				11/23/2015								11/20/2015								11/20/2015							
	(0-2') µg/Kg				(6-8') µg/Kg				(6-8') µg/Kg				(0-2') µg/Kg				(6-8') µg/Kg				(0-2') µg/Kg				(6-8') µg/Kg				(0-2') µg/Kg				(6-8') µg/Kg			
	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Total Cyanide (SW9010C Distill.)	< 0.54	0.54	U	0.27	< 0.63	0.63	U	0.32	1.45	0.57		0.29	0.265	0.51	B	0.25	< 0.54	0.54	U	0.27	0.4	0.53	B	0.27	< 0.50	0.50	U	0.25	0.633	0.53		0.27	< 0.52	0.52	U	0.26

COMPOUND	15B19								15B22								15B23								Duplicate				Duplicate			
	11/20/2015								11/20/2015								11/20/2015								11/20/2015				11/23/2015			
	(0-2') µg/Kg				(6-8') µg/Kg				(0-2') µg/Kg				(6-8') µg/Kg				(2-4') µg/Kg				(6-8') µg/Kg				µg/Kg				µg/Kg			
	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Total Cyanide (SW9010C Distill.)	< 0.56	0.56	U	0.28	< 0.52	0.52	U	0.26	5.13	0.70		0.35	1.55	0.66		0.33	< 0.51	0.51	U	0.25	< 0.76	0.76	U	0.38	< 0.57	0.57	U	0.29	< 0.49	0.49	U	0.24

Notes:

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

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the U represents the reporting level, corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response to the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

TABLE 8

Former Mugler Shoring

2401 3rd Avenue, Bronx, NY

Ground Water Analytical Results

Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	MW1				MW2				MW3			
		12/2/2015				12/2/2015				12/1/2015			
		(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
1,1,1,2-Tetrachloroethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1,1-Trichloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1,2-Trichloroethane	1	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1-Dichloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
1,1-Dichloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1-Dichloropropene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,3-Trichlorobenzene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,3-Trichloropropane	0.04	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,4-Trimethylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50
1,2-Dibromoethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dichlorobenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dichloroethane	0.6	< 0.60	0.60	U	0.25	< 0.60	0.60	U	0.25	< 0.60	0.60	U	0.25
1,2-Dichloropropane	0.94	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3,5-Trimethylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3-Dichlorobenzene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3-Dichloropropane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,4-Dichlorobenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2,2-Dichloropropane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2-Chlorotoluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2-Hexanone (Methyl Butyl Ketone)		< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
2-Isopropyltoluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
4-Chlorotoluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
4-Methyl-2-Pentanone		< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Acetone	50	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Acrolein		< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Acrylonitrile	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Benzene	1	< 0.70	0.70	U	0.25	< 0.70	0.70	U	0.25	< 0.70	0.70	U	0.25
Bromobenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromochloromethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromodichloromethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromoform		< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Bromomethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	1.7	5.0	J	0.25
Carbon Disulfide	60	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Carbon tetrachloride	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Chlorobenzene	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloroform	7	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloromethane	5	< 5.0	5.0	U	0.25	1.1	5.0	J	0.25	39	10	D	0.50
cis-1,2-Dichloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
cis-1,3-Dichloropropene		< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25
Dibromochloromethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Dibromomethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Dichlorodifluoromethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Ethylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Hexachlorobutadiene	0.5	< 0.50	0.50	U	0.20	< 0.50	0.50	U	0.20	< 0.50	0.50	U	0.20
Isopropylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
m&p-Xylenes	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Methyl Ethyl Ketone (2-Butanone)		< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Methyl t-butyl ether (MTBE)	10	< 1.0	1.0	U	0.25	1.3	1.0		0.25	0.27	1.0	J	0.25
Methylene chloride	5	< 3.0	3.0	U	1.0	< 3.0	3.0	U	1.0	< 3.0	3.0	U	1.0
Naphthalene	10	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
n-Butylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
n-Propylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
o-Xylene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
p-Isopropyltoluene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
sec-Butylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Styrene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
tert-Butylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Tetrachloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Tetrahydrofuran (THF)		< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Toluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
trans-1,2-Dichloroethene	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Trichloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Trichlorofluoromethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Trichlorotrifluoroethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Vinyl Chloride	2	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

U

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

U

The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

B

This compound was also present in the method blank

J

The value is estimated. This flag is used
a) on form 1 when the compound is reported above the MDL, but below the PQL, and
b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.

S

This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

D

The reported concentration is the result of a diluted analysis.

TABLE 8
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	MW4				MW5				MW7			
		12/2/2015				12/2/2015				12/2/2015			
		(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
1,1,1,2-Tetrachloroethane	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,1,1-Trichloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.50	< 5.0	5.0	U	0.50
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,1,2-Trichloroethane	1	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50
1,1-Dichloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.50	< 5.0	5.0	U	0.50
1,1-Dichloroethene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,1-Dichloropropene		< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,2,3-Trichlorobenzene		< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,2,3-Trichloropropane	0.04	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,2,4-Trichlorobenzene		< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,2,4-Trimethylbenzene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1.0	U	0.50	< 2.0	2.0	U	1.0	< 2.0	2.0	U	1.0
1,2-Dibromoethane		< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,2-Dichlorobenzene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,2-Dichloroethane	0.6	< 0.60	0.60	U	0.25	< 0.6	0.6	U	0.50	< 0.6	0.6	U	0.50
1,2-Dichloropropane	0.94	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50
1,3,5-Trimethylbenzene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,3-Dichlorobenzene		< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,3-Dichloropropane	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
1,4-Dichlorobenzene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
2,2-Dichloropropane	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
2-Chlorotoluene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
2-Hexanone (Methyl Butyl Ketone)		< 2.5	2.5	U	2.5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
2-Isopropyltoluene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
4-Chlorotoluene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
4-Methyl-2-Pentanone		< 2.5	2.5	U	2.5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
Acetone	50	< 5.0	5.0	U	2.5	9.7	10	JS	5.0	< 10	10	U	5.0
Acrolein		< 5.0	5.0	U	2.5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
Acrylonitrile	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
Benzene	1	< 0.70	0.70	U	0.25	< 0.7	0.7	U	0.50	< 0.7	0.7	U	0.50
Bromobenzene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Bromochloromethane	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Bromodichloromethane		< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Bromoform		< 5.0	5.0	U	0.25	< 10	10	U	0.50	< 10	10	U	0.50
Bromomethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.50	< 5.0	5.0	U	0.50
Carbon Disulfide	60	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Carbon tetrachloride	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Chlorobenzene	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.50	< 5.0	5.0	U	0.50
Chloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.50	< 5.0	5.0	U	0.50
Chloroform	7	< 5.0	5.0	U	0.25	< 7.0	7.0	U	0.50	< 7.0	7.0	U	0.50
Chloromethane	5	4.3	5.0	J	0.25	8.3	5.0		0.50	2	5.0	J	0.50
cis-1,2-Dichloroethene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
cis-1,3-Dichloropropene		< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.50	< 0.40	0.40	U	0.50
Dibromochloromethane		< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Dibromomethane	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Dichlorodifluoromethane	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Ethylbenzene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Hexachlorobutadiene	0.5	< 0.50	0.50	U	0.20	< 0.50	0.50	U	0.40	< 0.50	0.50	U	0.40
Isopropylbenzene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
m&p-Xylenes	5	< 1.0	1.0	U	0.25	0.98	2.0	J	0.50	< 2.0	2.0	U	0.50
Methyl Ethyl Ketone (2-Butanone)		< 2.5	2.5	U	2.5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
Methyl t-butyl ether (MTBE)	10	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Methylene chloride	5	< 3.0	3.0	U	1.0	< 5.0	5.0	U	2.0	< 5.0	5.0	U	2.0
Naphthalene	10	< 1.0	1.0	U	1.0	< 2.0	2.0	U	2.0	< 2.0	2.0	U	2.0
n-Butylbenzene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
n-Propylbenzene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
o-Xylene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
p-Isopropyltoluene		< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
sec-Butylbenzene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Styrene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
tert-Butylbenzene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Tetrachloroethene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Tetrahydrofuran (THF)		< 5.0	5.0	U	2.5	< 10	10	U	5.0	< 10	10	U	5.0
Toluene	5	< 1.0	1.0	U	0.25	2.3	2.0		0.50	< 2.0	2.0	U	0.50
trans-1,2-Dichloroethene	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.50	< 5.0	5.0	U	0.50
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.50	< 0.40	0.40	U	0.50
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	U	2.5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
Trichloroethene	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Trichlorofluoromethane	5	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Trichlorotrifluoroethane		< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50
Vinyl Chloride	2	< 1.0	1.0	U	0.25	< 2.0	2.0	U	0.50	< 2.0	2.0	U	0.50

Notes:	
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit	
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard	
U	The compound was analyzed for but not detected at or above the MDL.
	The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.

TABLE 8

Former Mugler Shoring

2401 3rd Avenue, Bronx, NY

Ground Water Analytical Results

Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	MW8				MW9				MW10			
		12/2/2015				12/2/2015				12/2/2015			
		(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
1,1,1,2-Tetrachloroethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1,1-Trichloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1,2-Trichloroethane	1	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1-Dichloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
1,1-Dichloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1-Dichloropropene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,3-Trichlorobenzene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,3-Trichloropropane	0.04	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,4-Trimethylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50
1,2-Dibromoethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dichlorobenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dichloroethane	0.6	< 0.60	0.60	U	0.25	< 0.60	0.60	U	0.25	< 0.60	0.60	U	0.25
1,2-Dichloropropane	0.94	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3,5-Trimethylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3-Dichlorobenzene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3-Dichloropropane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,4-Dichlorobenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2,2-Dichloropropane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2-Chlorotoluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2-Hexanone (Methyl Butyl Ketone)		< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
2-Isopropyltoluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
4-Chlorotoluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
4-Methyl-2-Pentanone		< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Acetone	50	< 5.0	5.0	U	2.5	4.8	5.0	JS	2.5	< 5.0	5.0	U	2.5
Acrolein		< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Acrylonitrile	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Benzene	1	< 0.70	0.70	U	0.25	< 0.70	0.70	U	0.25	< 0.70	0.70	U	0.25
Bromobenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromochloromethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromodichloromethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromoform		< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Bromomethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Carbon Disulfide	60	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Carbon tetrachloride	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Chlorobenzene	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloroform	7	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloromethane	5	1.2	5.0	J	0.25	3	5.0	J	0.25	1.5	5.0	J	0.25
cis-1,2-Dichloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
cis-1,3-Dichloropropene		< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25
Dibromochloromethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Dibromomethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Dichlorodifluoromethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Ethylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Hexachlorobutadiene	0.5	< 0.50	0.50	U	0.20	< 0.50	0.50	U	0.20	< 0.50	0.50	U	0.20
Isopropylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
m&p-Xylenes	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Methyl Ethyl Ketone (2-Butanone)		< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Methyl t-butyl ether (MTBE)	10	< 1.0	1.0	U	0.25	0.61	1.0	J	0.25	0.33	1.0	J	0.25
Methylene chloride	5	< 3.0	3.0	U	1.0	< 3.0	3.0	U	1.0	< 3.0	3.0	U	1.0
Naphthalene	10	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
n-Butylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
n-Propylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
o-Xylene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
p-Isopropyltoluene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
sec-Butylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Styrene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
tert-Butylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Tetrachloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Tetrahydrofuran (THF)		< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Toluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
trans-1,2-Dichloroethene	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Trichloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Trichlorofluoromethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Trichlorotrifluoroethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Vinyl Chloride	2	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

U

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

U

The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

B

This compound was also present in the method blank

J

The value is estimated. This flag is used
a) on form 1 when the compound is reported above the MDL, but below the PQL, and
b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.

S

This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

D

The reported concentration is the result of a diluted analysis.

TABLE 8
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	MW11D				MW12D				MW13D			
		12/2/2015				12/1/2015				12/1/2015			
		(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
1,1,1,2-Tetrachloroethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1,1-Trichloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1,2-Trichloroethane	1	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1-Dichloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
1,1-Dichloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,1-Dichloropropene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,3-Trichlorobenzene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,3-Trichloropropane	0.04	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2,4-Trimethylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50	< 1.0	1.0	U	0.50
1,2-Dibromoethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dichlorobenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,2-Dichloroethane	0.6	< 0.60	0.60	U	0.25	< 0.60	0.60	U	0.25	< 0.60	0.60	U	0.25
1,2-Dichloropropane	0.94	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3,5-Trimethylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3-Dichlorobenzene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,3-Dichloropropane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
1,4-Dichlorobenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2,2-Dichloropropane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2-Chlorotoluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
2-Hexanone (Methyl Butyl Ketone)		< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
2-Isopropyltoluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
4-Chlorotoluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
4-Methyl-2-Pentanone		< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Acetone	50	3	5.0	JS	2.5	< 5.0	5.0	U	2.5	3.3	5.0	JS	2.5
Acrolein		< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Acrylonitrile	5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Benzene	1	< 0.70	0.70	U	0.25	< 0.70	0.70	U	0.25	< 0.70	0.70	U	0.25
Bromobenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromochloromethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromodichloromethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Bromoform		< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Bromomethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	0.67	5.0	J	0.25
Carbon Disulfide	60	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Carbon tetrachloride	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Chlorobenzene	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloroethane	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloroform	7	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
Chloromethane	5	0.3	5.0	J	0.25	2.4	5.0	J	0.25	16	5.0		0.25
cis-1,2-Dichloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
cis-1,3-Dichloropropene		< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25
Dibromochloromethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Dibromomethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Dichlorodifluoromethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Ethylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Hexachlorobutadiene	0.5	< 0.50	0.50	U	0.20	< 0.50	0.50	U	0.20	< 0.50	0.50	U	0.20
Isopropylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
m&p-Xylenes	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Methyl Ethyl Ketone (2-Butanone)		< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Methyl t-butyl ether (MTBE)	10	14	1.0		0.25	100	10	D	2.5	5.1	1.0		0.25
Methylene chloride	5	< 3.0	3.0	U	1.0	< 3.0	3.0	U	1.0	< 3.0	3.0	U	1.0
Naphthalene	10	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
n-Butylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
n-Propylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
o-Xylene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
p-Isopropyltoluene		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
sec-Butylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Styrene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
tert-Butylbenzene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Tetrachloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Tetrahydrofuran (THF)		< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5	< 5.0	5.0	U	2.5
Toluene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
trans-1,2-Dichloroethene	5	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25	< 5.0	5.0	U	0.25
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25	< 0.40	0.40	U	0.25
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5	< 2.5	2.5	U	2.5
Trichloroethene	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Trichlorofluoromethane	5	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Trichlorotrifluoroethane		< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25
Vinyl Chloride	2	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25	< 1.0	1.0	U	0.25

Notes:
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

U	The compound was analyzed for but not detected at or above the MDL.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.

TABLE 8
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	Duplicate			
		12/1/2015			
		(µg/L)			
		Results	RL	Qual	MDL
1,1,1,2-Tetrachloroethane	5	< 1.0	1.0	U	0.25
1,1,1-Trichloroethane	5	< 5.0	5.0	U	0.25
1,1,2,2-Tetrachloroethane	5	< 1.0	1.0	U	0.25
1,1,2-Trichloroethane	1	< 1.0	1.0	U	0.25
1,1-Dichloroethane	5	< 5.0	5.0	U	0.25
1,1-Dichloroethene	5	< 1.0	1.0	U	0.25
1,1-Dichloropropene		< 1.0	1.0	U	0.25
1,2,3-Trichlorobenzene		< 1.0	1.0	U	0.25
1,2,3-Trichloropropane	0.04	< 1.0	1.0	U	0.25
1,2,4-Trichlorobenzene		< 1.0	1.0	U	0.25
1,2,4-Trimethylbenzene	5	< 1.0	1.0	U	0.25
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1.0	U	0.50
1,2-Dibromoethane		< 1.0	1.0	U	0.25
1,2-Dichlorobenzene	5	< 1.0	1.0	U	0.25
1,2-Dichloroethane	0.6	< 0.60	0.60	U	0.25
1,2-Dichloropropane	0.94	< 1.0	1.0	U	0.25
1,3,5-Trimethylbenzene	5	< 1.0	1.0	U	0.25
1,3-Dichlorobenzene		< 1.0	1.0	U	0.25
1,3-Dichloropropane	5	< 1.0	1.0	U	0.25
1,4-Dichlorobenzene	5	< 1.0	1.0	U	0.25
2,2-Dichloropropane	5	< 1.0	1.0	U	0.25
2-Chlorotoluene	5	< 1.0	1.0	U	0.25
2-Hexanone (Methyl Butyl Ketone)		< 2.5	2.5	U	2.5
2-Isopropyltoluene	5	< 1.0	1.0	U	0.25
4-Chlorotoluene	5	< 1.0	1.0	U	0.25
4-Methyl-2-Pentanone		< 2.5	2.5	U	2.5
Acetone	50	< 5.0	5.0	U	2.5
Acrolein		< 5.0	5.0	U	2.5
Acrylonitrile	5	< 5.0	5.0	U	2.5
Benzene	1	< 0.70	0.70	U	0.25
Bromobenzene	5	< 1.0	1.0	U	0.25
Bromochloromethane	5	< 1.0	1.0	U	0.25
Bromodichloromethane		< 1.0	1.0	U	0.25
Bromoform		< 5.0	5.0	U	0.25
Bromomethane	5	< 5.0	5.0	U	0.25
Carbon Disulfide	60	< 1.0	1.0	U	0.25
Carbon tetrachloride	5	< 1.0	1.0	U	0.25
Chlorobenzene	5	< 5.0	5.0	U	0.25
Chloroethane	5	< 5.0	5.0	U	0.25
Chloroform	7	< 5.0	5.0	U	0.25
Chloromethane	5	15	5.0		0.25
cis-1,2-Dichloroethene	5	< 1.0	1.0	U	0.25
cis-1,3-Dichloropropene		< 0.40	0.40	U	0.25
Dibromochloromethane		< 1.0	1.0	U	0.25
Dibromomethane	5	< 1.0	1.0	U	0.25
Dichlorodifluoromethane	5	< 1.0	1.0	U	0.25
Ethylbenzene	5	< 1.0	1.0	U	0.25
Hexachlorobutadiene	0.5	< 0.50	0.50	U	0.20
Isopropylbenzene	5	< 1.0	1.0	U	0.25
m&p-Xylenes	5	< 1.0	1.0	U	0.25
Methyl Ethyl Ketone (2-Butanone)		< 2.5	2.5	U	2.5
Methyl t-butyl ether (MTBE)	10	5.1	1.0		0.25
Methylene chloride	5	< 3.0	3.0	U	1.0
Naphthalene	10	< 1.0	1.0	U	1.0
n-Butylbenzene	5	< 1.0	1.0	U	0.25
n-Propylbenzene	5	< 1.0	1.0	U	0.25
o-Xylene	5	< 1.0	1.0	U	0.25
p-Isopropyltoluene		< 1.0	1.0	U	0.25
sec-Butylbenzene	5	< 1.0	1.0	U	0.25
Styrene	5	< 1.0	1.0	U	0.25
tert-Butylbenzene	5	< 1.0	1.0	U	0.25
Tetrachloroethene	5	< 1.0	1.0	U	0.25
Tetrahydrofuran (THF)		< 5.0	5.0	U	2.5
Toluene	5	< 1.0	1.0	U	0.25
trans-1,2-Dichloroethene	5	< 5.0	5.0	U	0.25
trans-1,3-Dichloropropene	0.4	< 0.40	0.40	U	0.25
trans-1,4-dichloro-2-butene	5	< 2.5	2.5	U	2.5
Trichloroethene	5	< 1.0	1.0	U	0.25
Trichlorofluoromethane	5	< 1.0	1.0	U	0.25
Trichlorotrifluoroethane		< 1.0	1.0	U	0.25
Vinyl Chloride	2	< 1.0	1.0	U	0.25

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

U	The compound was analyzed for but not detected at or above the MDL.
U	The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.

TABLE 9
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	MW1				MW2				MW3				MW4			
		12/2/2015				12/2/2015				12/1/2015				12/2/2015			
		(µg/L)				(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
1,2,4-Trichlorobenzene		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
1,2-Dichlorobenzene		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
1,2-Diphenylhydrazine		< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
1,3-Dichlorobenzene	3	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
1,4-Dichlorobenzene		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4,5-Trichlorophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4,6-Trichlorophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dichlorophenol		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dimethylphenol		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dinitrophenol	5	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dinitrotoluene	5	< 5.0	5.0	U	2.0	< 5.0	5.0	U	2.0	< 5.0	5.0	U	2.0	< 5.0	5.0	U	2.0
2,6-Dinitrotoluene	5	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
2-Chloronaphthalene	10	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
2-Chlorophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2-Methylnaphthalene		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
2-Methylphenol (o-cresol)	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2-Nitroaniline	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
2-Nitrophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
3&4-Methylphenol (m&p-cresol)		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
3,3'-Dichlorobenzidine	5	< 5.0	5.0	U	2.4	< 5.0	5.0	U	2.4	< 5.0	5.0	U	2.4	< 5.0	5.0	U	2.4
3-Nitroaniline	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
4,6-Dinitro-2-methylphenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
4-Bromophenyl phenyl ether		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
4-Chloro-3-methylphenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
4-Chloroaniline	5	< 3.5	3.5	U	2.3	< 3.5	3.5	U	2.3	< 3.5	3.5	U	2.3	< 3.5	3.5	U	2.3
4-Chlorophenyl phenyl ether		< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
4-Nitroaniline	5	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
4-Nitrophenol		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Acenaphthene		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
Acetophenone		< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Aniline	5	< 3.5	3.5	U	5.0	< 3.5	3.5	U	5.0	< 3.5	3.5	U	5.0	< 3.5	3.5	U	5.0
Anthracene	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Benzidine	5	< 4.5	4.5	U	2.9	< 4.5	4.5	U	2.9	< 4.5	4.5	U	2.9	< 4.5	4.5	U	2.9
Benzoic acid		< 25	25	U	10	< 25	25	U	10	< 25	25	U	10	< 25	25	U	10
Benzyl butyl phthalate	50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3
Bis(2-chloroethoxy)methane	5	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
Bis(2-chloroethyl)ether	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Bis(2-chloroisopropyl)ether		< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
Carbazole		< 25	25	U	3.8	< 25	25	U	3.8	< 25	25	U	3.8	< 25	25	U	3.8
Dibenzofuran		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
Diethyl phthalate	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Dimethylphthalate	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Di-n-butylphthalate	50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3
Di-n-octylphthalate	50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3
Fluoranthene	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Fluorene	50	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
Hexachlorocyclopentadiene	5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
Isophorone	50	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
Naphthalene	10	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
N-Nitrosodimethylamine		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
N-Nitrosodi-n-propylamine		< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
N-Nitrosodiphenylamine	50	< 5.0	5.0	U	1.9	< 5.0	5.0	U	1.9	< 5.0	5.0	U	1.9	< 5.0	5.0	U	1.9
Phenol	50	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Pyrene	50	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
1,2,4,5-Tetrachlorobenzene		< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50
Acenaphthene	20	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Acenaphthylene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Benz(a)anthracene	0.002	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Benzo(a)pyrene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Benzo(b)fluoranthene	0.002	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Benzo(ghi)perylene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Benzo(k)fluoranthene	0.002	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Bis(2-ethylhexyl)phthalate	5	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Chrysene	0.002	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Dibenz(a,h)anthracene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Hexachlorobenzene	0.04	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40
Hexachlorobutadiene	0.5	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50
Hexachloroethane	5	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Indeno(1,2,3-cd)pyrene	0.002	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Pentachloronitrobenzene		< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Pentachlorophenol	1	< 0.80	0.80	U	0.80	< 0.80	0.80	U	0.80	< 0.80	0.80	U	0.80	< 0.80	0.80	U	0.80
Phenanthrene	50	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Pyridine	50	< 10	10	U	1.2	< 10	10	U	1.2	< 10	10	U	1.2	< 10	10	U	1.2

Notes:
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

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

TABLE 9
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	MW5				MW7				MW8				MW9			
		12/2/2015				12/2/2015				12/2/2015				12/2/2015			
		(µg/L)				(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
1,2,4-Trichlorobenzene		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
1,2-Dichlorobenzene		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
1,2-Diphenylhydrazine		< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
1,3-Dichlorobenzene	3	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
1,4-Dichlorobenzene		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4,5-Trichlorophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4,6-Trichlorophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dichlorophenol		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dimethylphenol		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dinitrophenol	5	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dinitrotoluene	5	< 5.0	5.0	U	2.0	< 5.0	5.0	U	2.0	< 5.0	5.0	U	2.0	< 5.0	5.0	U	2.0
2,6-Dinitrotoluene	5	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
2-Chloronaphthalene	10	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
2-Chlorophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2-Methylnaphthalene		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
2-Methylphenol (o-cresol)	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2-Nitroaniline	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
2-Nitrophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
3&4-Methylphenol (m&p-cresol)		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
3,3'-Dichlorobenzidine	5	< 5.0	5.0	U	2.4	< 5.0	5.0	U	2.4	< 5.0	5.0	U	2.4	< 5.0	5.0	U	2.4
3-Nitroaniline	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
4,6-Dinitro-2-methylphenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
4-Bromophenyl phenyl ether		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
4-Chloro-3-methylphenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
4-Chloroaniline	5	< 3.5	3.5	U	2.3	< 3.5	3.5	U	2.3	< 3.5	3.5	U	2.3	< 3.5	3.5	U	2.3
4-Chlorophenyl phenyl ether		< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
4-Nitroaniline	5	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
4-Nitrophenol		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Acenaphthene		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
Acetophenone		< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Aniline	5	< 3.5	3.5	U	5.0	< 3.5	3.5	U	5.0	< 3.5	3.5	U	5.0	< 3.5	3.5	U	5.0
Anthracene	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Benzidine	5	< 4.5	4.5	U	2.9	< 4.5	4.5	U	2.9	< 4.5	4.5	U	2.9	< 4.5	4.5	U	2.9
Benzoic acid		< 25	25	U	10	< 25	25	U	10	< 25	25	U	10	< 25	25	U	10
Benzyl butyl phthalate	50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3
Bis(2-chloroethoxy)methane	5	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
Bis(2-chloroethyl)ether	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Bis(2-chloroisopropyl)ether		< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
Carbazole		< 25	25	U	3.8	< 25	25	U	3.8	< 25	25	U	3.8	< 25	25	U	3.8
Dibenzofuran		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
Diethyl phthalate	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Dimethylphthalate	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Di-n-butylphthalate	50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3
Di-n-octylphthalate	50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3
Fluoranthene	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Fluorene	50	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
Hexachlorocyclopentadiene	5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
Isophorone	50	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
Naphthalene	10	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
N-Nitrosodimethylamine		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
N-Nitrosodi-n-propylamine		< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
N-Nitrosodiphenylamine	50	< 5.0	5.0	U	1.9	< 5.0	5.0	U	1.9	< 5.0	5.0	U	1.9	< 5.0	5.0	U	1.9
Phenol	50	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Pyrene	50	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
1,2,4,5-Tetrachlorobenzene		< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50
Acenaphthene	20	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Acenaphthylene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	0.05	0.02		0.02
Benz(a)anthracene	0.002	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	0.03	0.02		0.02
Benzo(a)pyrene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	0.03	0.02		0.02
Benzo(b)fluoranthene	0.002	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	0.02	0.02		0.02
Benzo(ghi)perylene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	0.04	0.02		0.02
Benzo(k)fluoranthene	0.002	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Bis(2-ethylhexyl)phthalate	5	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	0.05	0.02		0.02
Chrysene	0.002	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Dibenz(a,h)anthracene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Hexachlorobenzene	0.04	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40
Hexachlorobutadiene	0.5	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50
Hexachloroethane	5	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Indeno(1,2,3-cd)pyrene	0.002	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Pentachloronitrobenzene		< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Pentachlorophenol	1	< 0.80	0.80	U	0.80	< 0.80	0.80	U	0.80	< 0.80	0.80	U	0.80	< 0.80	0.80	U	0.80
Phenanthrene	50	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Pyridine	50	< 10	10	U	1.2	< 10	10	U	1.2	< 10	10	U	1.2	< 10	10	U	1.2

Notes:
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

TABLE 9
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	MW10				MW11D				MW12D				MW13D			
		12/2/2015				12/2/2015				12/1/2015				12/1/2015			
		(µg/L)				(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
1,2,4-Trichlorobenzene		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
1,2-Dichlorobenzene		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
1,2-Diphenylhydrazine		< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
1,3-Dichlorobenzene	3	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
1,4-Dichlorobenzene		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4,5-Trichlorophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4,6-Trichlorophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dichlorophenol		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dimethylphenol		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dinitrophenol	5	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2,4-Dinitrotoluene	5	< 5.0	5.0	U	2.0	< 5.0	5.0	U	2.0	< 5.0	5.0	U	2.0	< 5.0	5.0	U	2.0
2,6-Dinitrotoluene	5	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
2-Chloronaphthalene	10	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
2-Chlorophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2-Methylnaphthalene		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
2-Methylphenol (o-cresol)	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
2-Nitroaniline	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
2-Nitrophenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
3&4-Methylphenol (m&p-cresol)		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
3,3'-Dichlorobenzidine	5	< 5.0	5.0	U	2.4	< 5.0	5.0	U	2.4	< 5.0	5.0	U	2.4	< 5.0	5.0	U	2.4
3-Nitroaniline	5	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0	< 5.0	5.0	U	5.0
4,6-Dinitro-2-methylphenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
4-Bromophenyl phenyl ether		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
4-Chloro-3-methylphenol	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
4-Chloroaniline	5	< 3.5	3.5	U	2.3	< 3.5	3.5	U	2.3	< 3.5	3.5	U	2.3	< 3.5	3.5	U	2.3
4-Chlorophenyl phenyl ether		< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
4-Nitroaniline	5	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
4-Nitrophenol		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Acenaphthene		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
Acetophenone		< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Aniline	5	< 3.5	3.5	U	5.0	< 3.5	3.5	U	5.0	< 3.5	3.5	U	5.0	< 3.5	3.5	U	5.0
Anthracene	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Benzidine	5	< 4.5	4.5	U	2.9	< 4.5	4.5	U	2.9	< 4.5	4.5	U	2.9	< 4.5	4.5	U	2.9
Benzoic acid		< 25	25	U	10	< 25	25	U	10	< 25	25	U	10	< 25	25	U	10
Benzyl butyl phthalate	50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3
Bis(2-chloroethoxy)methane	5	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
Bis(2-chloroethyl)ether	1	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Bis(2-chloroisopropyl)ether		< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
Carbazole		< 25	25	U	3.8	< 25	25	U	3.8	< 25	25	U	3.8	< 25	25	U	3.8
Dibenzofuran		< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
Diethyl phthalate	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Dimethylphthalate	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Di-n-butylphthalate	50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3
Di-n-octylphthalate	50	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3	< 5.0	5.0	U	1.3
Fluoranthene	50	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
Fluorene	50	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
Hexachlorocyclopentadiene	5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5	< 5.0	5.0	U	1.5
Isophorone	50	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
Naphthalene	10	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4	< 5.0	5.0	U	1.4
N-Nitrosodimethylamine		< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
N-Nitrosodi-n-propylamine		< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6	< 5.0	5.0	U	1.6
N-Nitrosodiphenylamine	50	< 5.0	5.0	U	1.9	< 5.0	5.0	U	1.9	< 5.0	5.0	U	1.9	< 5.0	5.0	U	1.9
Phenol	50	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Pyrene	50	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7	< 5.0	5.0	U	1.7
1,2,4,5-Tetrachlorobenzene		< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50
Acenaphthene	20	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Acenaphthylene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Benz(a)anthracene	0.002	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Benzo(a)pyrene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Benzo(b)fluoranthene	0.002	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Benzo(ghi)perylene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Benzo(k)fluoranthene	0.002	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0	< 1.0	1.0	U	1.0
Bis(2-ethylhexyl)phthalate	5	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Chrysene	0.002	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Dibenz(a,h)anthracene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Hexachlorobenzene	0.04	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40	< 0.40	0.40	U	0.40
Hexachlorobutadiene	0.5	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50	< 0.50	0.50	U	0.50
Hexachloroethane	5	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02
Indeno(1,2,3-cd)pyrene	0.002	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Pentachloronitrobenzene		< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Pentachlorophenol	1	< 0.80	0.80	U	0.80	< 0.80	0.80	U	0.80	< 0.80	0.80	U	0.80	< 0.80	0.80	U	0.80
Phenanthrene	50	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Pyridine	50	< 10	10	U	1.2	< 10	10	U	1.2	< 10	10	U	1.2	< 10	10	U	1.2

Notes:
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

U	The compound was analyzed for but not detected at or above

TABLE 9
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (µg/L)	Duplicate			
		12/1/2015			
		(µg/L)			
		Results	RL	Qual	MDL
1,2,4-Trichlorobenzene		< 5.0	5.0	U	1.5
1,2-Dichlorobenzene		< 1.0	1.0	U	1.0
1,2-Diphenylhydrazine		< 5.0	5.0	U	1.6
1,3-Dichlorobenzene	3	< 1.0	1.0	U	1.0
1,4-Dichlorobenzene		< 1.0	1.0	U	1.0
2,4,5-Trichlorophenol	1	< 1.0	1.0	U	1.0
2,4,6-Trichlorophenol	1	< 1.0	1.0	U	1.0
2,4-Dichlorophenol		< 1.0	1.0	U	1.0
2,4-Dimethylphenol		< 1.0	1.0	U	1.0
2,4-Dinitrophenol	5	< 1.0	1.0	U	1.0
2,4-Dinitrotoluene	5	< 5.0	5.0	U	2.0
2,6-Dinitrotoluene	5	< 5.0	5.0	U	1.6
2-Chloronaphthalene	10	< 5.0	5.0	U	1.4
2-Chlorophenol	1	< 1.0	1.0	U	1.0
2-Methylnaphthalene		< 5.0	5.0	U	1.5
2-Methylphenol (o-cresol)	1	< 1.0	1.0	U	1.0
2-Nitroaniline	5	< 5.0	5.0	U	5.0
2-Nitrophenol	1	< 1.0	1.0	U	1.0
3&4-Methylphenol (m&p-cresol)		< 1.0	1.0	U	1.0
3,3'-Dichlorobenzidine	5	< 5.0	5.0	U	2.4
3-Nitroaniline	5	< 5.0	5.0	U	5.0
4,6-Dinitro-2-methylphenol	1	< 1.0	1.0	U	1.0
4-Bromophenyl phenyl ether		< 5.0	5.0	U	1.5
4-Chloro-3-methylphenol	1	< 1.0	1.0	U	1.0
4-Chloroaniline	5	< 3.5	3.5	U	2.3
4-Chlorophenyl phenyl ether		< 5.0	5.0	U	1.7
4-Nitroaniline	5	< 5.0	5.0	U	1.7
4-Nitrophenol		< 1.0	1.0	U	1.0
Acenaphthene		< 5.0	5.0	U	1.5
Acetophenone		< 5.0	5.0	U	1.6
Aniline	5	< 3.5	3.5	U	5.0
Anthracene	50	< 5.0	5.0	U	1.6
Benzidine	5	< 4.5	4.5	U	2.9
Benzoic acid		< 25	25	U	10
Benzyl butyl phthalate	50	< 5.0	5.0	U	1.3
Bis(2-chloroethoxy)methane	5	< 5.0	5.0	U	1.4
Bis(2-chloroethyl)ether	1	< 1.0	1.0	U	1.0
Bis(2-chloroisopropyl)ether		< 5.0	5.0	U	1.4
Carbazole		< 25	25	U	3.8
Dibenzofuran		< 5.0	5.0	U	1.5
Diethyl phthalate	50	< 5.0	5.0	U	1.6
Dimethylphthalate	50	< 5.0	5.0	U	1.6
Di-n-butylphthalate	50	< 5.0	5.0	U	1.3
Di-n-octylphthalate	50	< 5.0	5.0	U	1.3
Fluoranthene	50	< 5.0	5.0	U	1.6
Fluorene	50	< 5.0	5.0	U	1.7
Hexachlorocyclopentadiene	5	< 5.0	5.0	U	1.5
Isophorone	50	< 5.0	5.0	U	1.4
Naphthalene	10	< 5.0	5.0	U	1.4
N-Nitrosodimethylamine		< 1.0	1.0	U	1.0
N-Nitrosodi-n-propylamine		< 5.0	5.0	U	1.6
N-Nitrosodiphenylamine	50	< 5.0	5.0	U	1.9
Phenol	50	< 1.0	1.0	U	1.0
Pyrene	50	< 5.0	5.0	U	1.7
1,2,4,5-Tetrachlorobenzene		< 0.50	0.50	U	0.50
Acenaphthene	20	< 0.10	0.10	U	0.10
Acenaphthylene		< 0.02	0.02	U	0.02
Benz(a)anthracene	0.002	< 0.02	0.02	U	0.02
Benzo(a)pyrene		< 0.02	0.02	U	0.02
Benzo(b)fluoranthene	0.002	< 0.02	0.02	U	0.02
Benzo(ghi)perylene		< 0.02	0.02	U	0.02
Benzo(k)fluoranthene	0.002	< 1.0	1.0	U	1.0
Bis(2-ethylhexyl)phthalate	5	< 0.02	0.02	U	0.02
Chrysene	0.002	< 0.02	0.02	U	0.02
Dibenz(a,h)anthracene		< 0.02	0.02	U	0.02
Hexachlorobenzene	0.04	< 0.40	0.40	U	0.40
Hexachlorobutadiene	0.5	< 0.50	0.50	U	0.50
Hexachloroethane	5	< 0.02	0.02	U	0.02
Indeno(1,2,3-cd)pyrene	0.002	< 0.10	0.10	U	0.10
Pentachloronitrobenzene		< 0.10	0.10	U	0.10
Pentachlorophenol	1	< 0.80	0.80	U	0.80
Phenanthrene	50	< 0.10	0.10	U	0.10
Pyridine	50	< 10	10	U	1.2

Notes:
RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.

TABLE 10
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Groundwater Analytical Results
Pesticides and PCBs

Compound	NYSDEC Ambient Water Quality Standards (AQWS) (µg/L)	MW1				MW2				MW3				MW4				MW5				MW7				MW8			
		12/2/2015				12/2/2015				12/1/2015				12/2/2015				12/2/2015				12/2/2015				12/2/2015			
		(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
PCB-1016	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1221	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1232	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1242	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1248	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1254	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1260	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1262	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1268	0.09	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
4,4-DDD	0.3	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
4,4-DDE	0.2	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
4,4-DDT	0.11	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
a-BHC	0.94	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
a-Chlordane		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Alachlor		< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075
Aldrin		< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
b-BHC	0.04	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
Chlordane	0.05	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
d-BHC	0.04	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
Dieldrin	0.004	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
Endosulfan I		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Endosulfan II		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Endosulfan Sulfate		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Endrin		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Endrin aldehyde	5	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Endrin ketone		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
gamma-BHC	0.05	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
g-Chlordane		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Heptachlor	0.04	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Heptachlor epoxide	0.03	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Methoxychlor	35	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Toxaphene		< 0.20	0.20	U	0.20	< 0.25	0.25	U	0.25	< 0.25	0.25	U	0.25	< 0.20	0.20	U	0.20	< 0.25	0.25	U	0.25	< 0.25	0.25	U	0.25	< 0.25	0.25	U	0.25

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

ND = Non-detect

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

U	The compound was analyzed for but not detected at or above the MDL.
U	The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response to the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

TABLE 10
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Groundwater Analytical Results
Pesticides and PCBs

Compound	NYSDEC Ambient Water Quality Standards (AQWS) (µg/L)	MW9				MW10				MW11D				MW12D				MW13D				Duplicate			
		12/2/2015				12/2/2015				12/2/2015				12/1/2015				12/1/2015				12/1/2015			
		(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
PCB-1016	0.09	< 0.25	0.25	U	0.25	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1221	0.09	< 0.25	0.25	U	0.25	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1232	0.09	< 0.25	0.25	U	0.25	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1242	0.09	< 0.25	0.25	U	0.25	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1248	0.09	< 0.25	0.25	U	0.25	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1254	0.09	1.3	0.25		0.25	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1260	0.09	< 0.25	0.25	U	0.25	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1262	0.09	< 0.25	0.25	U	0.25	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
PCB-1268	0.09	< 0.25	0.25	U	0.25	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
4,4-DDD	0.3	< 0.025	0.025	U	0.025	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
4,4-DDE	0.2	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
4,4-DDT	0.11	< 0.15	0.15	U	0.15	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
a-BHC	0.94	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
a-Chlordane		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Alachlor		< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075	< 0.075	0.075	U	0.075
Aldrin		< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
b-BHC	0.04	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
Chlordane	0.05	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050	< 0.050	0.050	U	0.050
d-BHC	0.04	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
Dieldrin	0.004	< 0.050	0.050	U	0.050	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
Endosulfan I		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Endosulfan II		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Endosulfan Sulfate		< 0.15	0.15	U	0.15	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Endrin		< 0.15	0.15	U	0.15	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Endrin aldehyde	5	< 0.020	0.020	U	0.020	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Endrin ketone		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
gamma-BHC	0.05	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005
g-Chlordane		< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Heptachlor	0.04	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Heptachlor epoxide	0.03	< 0.015	0.015	U	0.015	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010	< 0.010	0.010	U	0.010
Methoxychlor	35	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10	< 0.10	0.10	U	0.10
Toxaphene		< 0.20	0.20	U	0.20	< 0.20	0.20	U	0.20	< 0.25	0.25	U	0.25	< 0.20	0.20	U	0.20	< 0.20	0.20	U	0.20	< 0.20	0.20	U	0.20

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

ND = Non-detect

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater §

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response for the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

TABLE 11
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Groundwater Analytical Results
Dissolved Metals

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (mg/L)	MW1				MW2				MW3				MW4				MW5				MW7				MW8			
		12/2/2015				12/2/2015				12/1/2015				12/2/2015				12/2/2015				12/2/2015				12/2/2015			
		(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
Aluminum	NS	0.005	0.011	B	0.005	< 0.011	0.011	U	0.005	0.008	0.011	B	0.005	< 0.011	0.011	U	0.005	0.009	0.011	B	0.005	0.006	0.011	B	0.005	0.007	0.011	B	0.005
Antimony	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003
Arsenic	0.025	< 0.003	0.003	U	0.004	< 0.003	0.003	U	0.004	< 0.003	0.003	U	0.004	< 0.003	0.003	U	0.004	< 0.003	0.003	U	0.004	< 0.003	0.003	U	0.004	< 0.003	0.003	U	0.004
Barium	1	0.037	0.011		0.001	0.047	0.011		0.001	0.173	0.011		0.001	0.297	0.011		0.001	0.139	0.011		0.001	0.078	0.011		0.001	0.044	0.011		0.001
Beryllium	0.003	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cadmium	0.005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005
Calcium	NS	251	0.11		0.11	177	0.11		0.11	215	0.11		0.11	51.9	0.01		0.01	239	0.11		0.11	223	0.11		0.11	250	0.11		0.11
Chromium	0.05	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cobalt	NS	0.004	0.005	B	0.001	< 0.005	0.005	U	0.001	0.003	0.005	B	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	0.005	0.005		0.001	0.004	0.005	B	0.001
Copper	0.2	< 0.011	0.011	U	0.002	< 0.011	0.011	U	0.002	< 0.011	0.011	U	0.002	< 0.011	0.011	U	0.002	< 0.011	0.011	U	0.002	0.023	0.011		0.002	< 0.011	0.011	U	0.002
Iron	0.5	0.02	0.02		0.02	0.36	0.01		0.01	< 0.02	0.02	U	0.02	< 0.01	0.01	U	0.01	< 0.01	0.01	U	0.01	< 0.01	0.01	U	0.01	21.8	0.01		0.01
Lead	0.025	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001
Magnesium	35	688	0.11		0.11	411	0.11		0.11	293	0.11		0.11	43.9	0.01		0.01	288	0.11		0.11	393	0.11		0.11	612	0.11		0.11
Manganese	0.3	0.777	0.005		0.001	0.672	0.005		0.001	1.25	0.005		0.001	0.643	0.005		0.001	0.403	0.005		0.001	6.25	0.053		0.011	1.04	0.005		0.001
Mercury	0.0007	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015
Nickel	0.1	0.006	0.004		0.001	< 0.004	0.004	U	0.001	0.002	0.004	B	0.001	< 0.004	0.004	U	0.001	0.002	0.004	B	0.001	0.009	0.004		0.001	0.003	0.004	B	0.001
Potassium	NS	233	1.1		0.11	144	1.1		0.11	87.2	1.1		0.11	51.2	1.1		0.11	105	1.1		0.11	129	1.1		0.11	214	1.1		0.11
Selenium	0.01	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002
Silver	0.05	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001
Sodium	2	5290	11		11	3190	11		11	1950	11		11	122	1.1		0.11	2310	11		11	2990	11		11	4450	11		11
Thallium	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005
Vanadium	NS	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001
Zinc	2	0.008	0.021	B	0.002	0.005	0.021	B	0.002	0.005	0.021	B	0.002	0.003	0.021	B	0.002	0.005	0.021	B	0.002	0.021	0.021	B	0.002	0.005	0.021	B	0.002

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

ND = Non-detect

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Bold = Result detected above detection limit

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
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TABLE 11
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2401 3rd Avenue, Bronx, NY
Groundwater Analytical Results
Dissolved Metals

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (mg/L)	MW9				MW10				MW11D				MW12D				MW13D				Duplicate			
		12/2/2015				12/2/2015				12/2/2015				12/1/2015				12/1/2015				12/1/2015			
		(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
Aluminum	NS	0.01	0.011	B	0.005	0.007	0.011	B	0.005	0.008	0.011	B	0.005	0.008	0.011	B	0.005	< 0.011	0.011	U	0.005	< 0.011	0.011	U	0.005
Antimony	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003
Arsenic	0.025	< 0.003	0.003	U	0.004	< 0.003	0.003	U	0.004	0.005	0.003		0.004	< 0.003	0.003	U	0.004	< 0.003	0.003	U	0.004	< 0.003	0.003	U	0.004
Barium	1	0.054	0.011		0.001	0.082	0.011		0.001	0.02	0.011		0.001	0.075	0.011		0.001	0.02	0.011		0.001	0.02	0.011		0.001
Beryllium	0.003	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cadmium	0.005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005	< 0.004	0.004	U	0.0005
Calcium	NS	226	0.11		0.11	240	0.11		0.11	28.4	0.01		0.01	71.1	0.01		0.01	35.1	0.01		0.01	34.8	0.01		0.01
Chromium	0.05	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001
Cobalt	NS	0.002	0.005	B	0.001	0.004	0.005	B	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001
Copper	0.2	< 0.011	0.011	U	0.002	< 0.011	0.011	U	0.002	< 0.011	0.011	U	0.002	0.003	0.011	B	0.002	< 0.011	0.011	U	0.002	< 0.011	0.011	U	0.002
Iron	0.5	< 0.01	0.01	U	0.01	< 0.01	0.01	U	0.01	0.02	0.02		0.02	< 0.01	0.01	U	0.01	< 0.01	0.01	U	0.01	0.03	0.01		0.01
Lead	0.025	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001
Magnesium	35	426	0.11		0.11	247	0.11		0.11	37.7	0.01		0.01	148	0.11		0.11	55.9	0.01		0.01	55.3	0.01		0.01
Manganese	0.3	1.18	0.005		0.001	5.46	0.053		0.011	0.063	0.005		0.001	0.609	0.005		0.001	0.099	0.005		0.001	0.099	0.005		0.001
Mercury	0.0007	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015
Nickel	0.1	0.008	0.004		0.001	0.008	0.004		0.001	0.002	0.004	B	0.001	0.002	0.004	B	0.001	0.002	0.004	B	0.001	0.002	0.004	B	0.001
Potassium	NS	146	1.1		0.11	82.5	1.1		0.11	36	1.1		0.11	60.7	1.1		0.11	37.1	1.1		0.11	35.7	1.1		0.11
Selenium	0.01	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002
Silver	0.05	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001
Sodium	2	2,900	11		11	1870	11		11	719	11		11	1420	11		11	832	11		11	799	11		11
Thallium	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005
Vanadium	NS	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	0.002	0.011	B	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001	< 0.011	0.011	U	0.001
Zinc	2	0.028	0.021		0.002	0.007	0.021	B	0.002	0.004	0.021	B	0.002	0.004	0.021	B	0.002	0.005	0.021	B	0.002	0.004	0.021	B	0.002

Notes:

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ND = Non-detect

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater

Bold = Result detected above detection limit

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response for the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
(*)	See report for comment.

Table 12
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Groundwater Analytical Results
Total Metals

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (mg/L)	MW1				MW2				MW3				MW4				MW5				MW7				MW8			
		12/2/2015				12/2/2015				12/1/2015				12/2/2015				12/2/2015				12/2/2015				12/2/2015			
		(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
Aluminum	0.1	0.545	0.020		0.0048	0.41	0.020		0.0048	2.24	0.020		0.0048	0.372	0.020		0.0048	0.911	0.020		0.0048	< 0.020	0.020	U	0.0048	< 0.020	0.020	U	0.0048
Antimony	0.003	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
Arsenic	0.025	< 0.008	0.008	U	0.002	< 0.008	0.008	U	0.002	0.005	0.008	B	0.002	< 0.008	0.008	U	0.002	0.002	0.008	B	0.002	0.002	0.008	B	0.002	< 0.008	0.008	U	0.002
Barium	1	0.042	0.020		0.002	0.053	0.020		0.002	0.211	0.020		0.002	0.367	0.020		0.002	0.146	0.020		0.002	0.076	0.020		0.002	0.05	0.020		0.002
Beryllium	0.003	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
Cadmium	0.005	< 0.005	0.005	U	0.0010	< 0.005	0.005	U	0.0010	< 0.005	0.005	U	0.0010	< 0.005	0.005	U	0.0010	< 0.005	0.005	U	0.0010	< 0.005	0.005	U	0.0010	0.001	0.005	B	0.0010
Calcium	NS	258	1.0		0.30	165	1.0		0.30	226	1.0		0.30	51.2	1.0		0.30	246	1.0		0.30	236	1.0		0.30	262	1.0		0.30
Chromium	0.05	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	0.008	0.002		0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
Cobalt	NS	0.003	0.010	B	0.002	< 0.010	0.010	U	0.002	0.006	0.010	B	0.002	< 0.010	0.010	U	0.002	< 0.010	0.010	U	0.002	0.005	0.010	B	0.002	0.004	0.010	B	0.002
Copper	0.2	0.008	0.010	B	0.002	< 0.010	0.010	U	0.002	0.011	0.010		0.002	< 0.010	0.010	U	0.002	0.004	0.010	B	0.002	0.02	0.010		0.002	< 0.010	0.010	U	0.002
Iron	0.5	9.07	0.02		0.02	34.3	1.0		1.0	20.2	1.0		1.0	8.79	0.02		0.02	2.19	0.02		0.02	0.24	0.02		0.02	48.8	1.0		1.0
Lead	0.025	0.014	0.004		0.002	< 0.004	0.004	U	0.002	0.023	0.004		0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002
Magnesium	35	662	1.0		0.10	399	1.0		0.10	286	1.0		0.10	41.3	1.0		0.10	269	1.0		0.10	422	1.0		0.10	580	1.0		0.10
Manganese	0.3	0.758	0.010		0.002	0.602	0.010		0.002	1.25	0.010		0.002	0.665	0.010		0.002	0.404	0.010		0.002	5.61	0.50		0.10	1.1	0.010		0.002
Mercury	0.0007	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015
Nickel	0.1	0.006	0.008	B	0.002	< 0.008	0.008	U	0.002	0.006	0.008	B	0.002	< 0.008	0.008	U	0.002	0.002	0.008	B	0.002	0.006	0.008	B	0.002	0.003	0.008	B	0.002
Potassium	NS	209	10		10	109	10		10	84	10		10	53	10		10	96	10		10	123	10		10	188	10		10
Selenium	0.01	0.018	0.002		0.001	< 0.002	0.002	U	0.001	< 0.01	0.01	U	0.01	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	0.004	0.002		0.001
Silver	0.05	< 0.010	0.010	U	0.002	< 0.010	0.010	U	0.002	< 0.010	0.010	U	0.002	< 0.010	0.010	U	0.002	< 0.010	0.010	U	0.002	0.003	0.010	B	0.002	< 0.010	0.010	U	0.002
Sodium	2	5,390	10		10	2,850	10		10	1,900	10		10	132	10		10	2,390	10		10	3,220	10		10	4,830	10		10
Thallium	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005
Vanadium	NS	< 0.020	0.020	U	0.002	< 0.020	0.020	U	0.002	< 0.020	0.020	U	0.002	< 0.020	0.020	U	0.002	< 0.020	0.020	U	0.002	< 0.020	0.020	U	0.002	< 0.020	0.020	U	0.002
Zinc	2	0.013	0.020	B	0.002	0.005	0.020	B	0.002	0.022	0.020		0.002	0.009	0.020	B	0.002	0.013	0.020	B	0.002	0.017	0.020	B	0.002	0.004	0.020	B	0.002

Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit
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Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Bold = Result detected above detection limit

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
B	This compound was also present in the method blank
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N	The concentration is based on the response fo the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
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Table 12
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Groundwater Analytical Results
Total Metals

Compound	NYSDEC Ambient Water Quality Standards (AWQS) (mg/L)	MW9				MW10				MW11D				MW12D				MW13D				Duplicate			
		12/2/2015				12/2/2015				12/2/2015				12/1/2015				12/1/2015				12/1/2015			
		(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)				(µg/L)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
Aluminum	0.1	19.4	1.0		0.24	0.016	0.020	B	0.0048	3.06	0.020		0.0048	37.9	1.0		0.24	0.997	0.020		0.0048	1.05	0.020		0.0048
Antimony	0.003	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
Arsenic	0.025	0.034	0.008		0.002	0.021	0.008		0.002	0.004	0.008	B	0.002	< 0.008	0.008	U	0.002	< 0.008	0.008	U	0.002	< 0.008	0.008	U	0.002
Barium	1	0.13	0.020		0.002	0.112	0.020		0.002	0.056	0.020		0.002	0.311	0.020		0.002	0.026	0.020		0.002	0.026	0.020		0.002
Beryllium	0.003	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	0.003	0.002		0.002	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002
Cadmium	0.005	0.002	0.005	B	0.0010	< 0.005	0.005	U	0.0010	< 0.005	0.005	U	0.0010	0.002	0.005	B	0.0010	< 0.005	0.005	U	0.0010	< 0.005	0.005	U	0.0010
Calcium	NS	289	1.0		0.30	249	1.0		0.30	36	0.020		0.006	113	1.0		0.30	35.6	1.0		0.30	35.7	1.0		0.30
Chromium	0.05	0.047	0.002		0.002	< 0.002	0.002	U	0.002	0.018	0.002		0.002	0.094	0.002		0.002	0.004	0.002		0.002	0.004	0.002		0.002
Cobalt	NS	0.019	0.010		0.002	0.004	0.010	B	0.002	0.003	0.010	B	0.002	0.039	0.010		0.002	< 0.010	0.010	U	0.002	< 0.010	0.010	U	0.002
Copper	0.2	0.096	0.010		0.002	< 0.010	0.010	U	0.002	0.028	0.010		0.002	0.132	0.010		0.002	< 0.010	0.010	U	0.002	0.004	0.010	B	0.002
Iron	0.5	48.4	1.0		1.0	18.2	0.10		1.0	6.67	0.02		0.02	78.9	1.0		1.0	2.94	0.02		0.02	3.08	0.02		0.02
Lead	0.025	0.224	0.004		0.002	< 0.004	0.004	U	0.002	0.047	0.004		0.002	0.053	0.004		0.002	< 0.004	0.004	U	0.002	< 0.004	0.004	U	0.002
Magnesium	35	489	1.0		0.10	228	1.0		0.10	40.2	1.0		0.10	174	1.0		0.10	60.9	1.0		0.10	53.2	1.0		0.10
Manganese	0.3	2.45	0.010		0.002	5.35	0.50		0.10	0.135	0.010		0.002	1.46	0.010		0.002	0.114	0.010		0.002	0.119	0.010		0.002
Mercury	0.0007	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015	< 0.0002	0.0002	U	0.00015
Nickel	0.1	0.063	0.008		0.002	0.007	0.008	B	0.002	0.01	0.008		0.002	0.096	0.008		0.002	< 0.008	0.008	U	0.002	0.006	0.008	B	0.002
Potassium	NS	121	10		10	72	10		10	34	10		10	72.3	0.2		0.2	34	10		10	36	10		10
Selenium	0.01	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.002	0.002	U	0.001	< 0.01	0.01	U	0.01	< 0.01	0.01	U	0.01	< 0.01	0.01	U	0.01
Silver	0.05	< 0.010	0.010	U	0.002	0.002	0.010	B	0.002	< 0.010	0.010	U	0.002	< 0.010	0.010	U	0.002	< 0.010	0.010	U	0.002	< 0.010	0.010	U	0.002
Sodium	2	3,160	10		10	1,710	10		10	736	10		10	1,290	10		10	780	10		10	818	10		10
Thallium	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005
Vanadium	NS	0.037	0.020		0.002	< 0.020	0.020	U	0.002	0.007	0.020	B	0.002	0.085	0.020		0.002	< 0.020	0.020	U	0.002	0.004	0.020	B	0.002
Zinc	2	0.306	0.020		0.002	0.005	0.020	B	0.002	0.038	0.020		0.002	0.462	0.020		0.002	0.008	0.020	B	0.002	0.009	0.020	B	0.002

Notes:

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Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

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TABLE 13
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Soil Outdoor Background Levels (µg/m³) ^(a)	SG1				SG2				SG3				SG4			
		12/1/2015 (µg/m3)				12/1/2015 (µg/m3)				12/1/2015 (µg/m3)				12/1/2015 (µg/m3)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
1,1,1,2-Tetrachloroethane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,1-Trichloroethane	<2.0 - 2.8	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,2,2-Tetrachloroethane	<1.5	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,2-Trichloroethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1-Dichloroethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1-Dichloroethene	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2,4-Trichlorobenzene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2,4-Trimethylbenzene	<1.0	1.63	1.00		1.00	1.64	1.00		1.00	1.08	1.00		1.00	2.49	1.00		1.00
1,2-Dibromoethane	<1.5	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichlorobenzene	<2.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichloroethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichloropropane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichlorotetrafluoroethane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,3,5-Trimethylbenzene	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.02	1.00		1.00
1,3-Butadiene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,3-Dichlorobenzene	<2.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,4-Dichlorobenzene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,4-Dioxane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
2-Hexanone		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
4-Ethyltoluene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
4-Isopropyltoluene		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
4-Methyl-2-pentanone		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Acetone	NA	434	29.9	DS	29.9	622	29.9	DS	29.9	572	29.9	DS	29.9	3,250	75.0	DS	75.0
Acrylonitrile		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Benzene	<1.6 - 4.7	2.51	1.00		1.00	9.93	1.00		1.00	6.86	1.00		1.00	2.18	1.00		1.00
Benzyl Chloride	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Bromodichloromethane	<5.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Bromoform	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Bromomethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Carbon Disulfide	NA	13.9	1.00		1.00	38.3	1.00		1.00	20	1.00		1.00	8.81	1.00		1.00
Carbon Tetrachloride	<3.1	0.28	0.25		0.25	0.26	0.25		0.25	0.87	0.25		0.25	0.8	0.25		0.25
Chlorobenzene	<2.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Chloroethane	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Chloroform	<2.4	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Chloromethane	<1.0 - 1.4	2.64	1.00		1.00	3.74	1.00		1.00	6.19	1.00		1.00	1.25	1.00		1.00
cis-1,2-Dichloroethene	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
cis-1,3-Dichloropropene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Cyclohexane	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Dibromochloromethane	<5.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Dichlorodifluoromethane	NA	1.7	1.00		1.00	1.63	1.00		1.00	1.38	1.00		1.00	1.43	1.00		1.00
Ethanol		13.3	1.00		1.00	10.9	1.00		1.00	16.1	1.00		1.00	78.7	1.00	E	1.00
Ethyl Acetate	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Ethylbenzene	<4.3	1.19	1.00		1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Heptane	NA	561	30.0	D	30.0	2840	30.0	D	30.0	2,240	30.0	D	30.0	111	1.00		1.00
Hexachlorobutadiene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Hexane	<1.5	1310	30.0	DS	30.0	2520	30.0	DS	30.0	5,880	75.0	DS	75.0	266	30.0	DS	30.0
Isopropylalcohol	NA	5.97	1.00	S	1.00	6.29	1.00	S	1.00	10.5	1.00		1.00	54.3	1.00		1.00
Isopropylbenzene		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Xylene (m&p)	<4.3	1.93	1.00		1.00	3.37	1.00		1.00	1.68	1.00		1.00	1.74	1.00		1.00
Methyl Ethyl Ketone		10.9	1.00		1.00	14.8	1.00		1.00	<1.00	1.00	U	1.00	65.1	1.00		1.00
MTBE	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Methylene Chloride	<3.4	2.51	1.00	S	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
n-Butylbenzene		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Xylene (o)	<4.3	1.03	1.00		1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Propylene	NA	61.7	29.9	D	29.9	501	29.9	D	29.9	322	29.9	D	29.9	139	29.9	D	29.9
sec-Butylbenzene		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Styrene	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Tetrachloroethene		<0.25	0.25	U	0.25	0.26	0.25		0.25	<0.25	0.25	U	0.25	3.52	0.25		0.25
Tetrahydrofuran	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Toluene	1.0 - 6.1	2.82	1.00		1.00	5.57	1.00		1.00	10.3	1.00		1.00	2.36	1.00		1.00
trans-1,2-Dichloroethene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
trans-1,3-Dichloropropene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Trichloroethene	<1.7	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	0.42	0.25		0.25	<0.25	0.25	U	0.25
Trichlorofluoromethane	NA	1.01	1.00		1.00	1.11	1.00		1.00	1.12	1.00		1.00	1.11	1.00		1.00
Trichlorotrifluoroethane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Vinyl Chloride	<1.0	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25
Total CVOCs		0.28				0.5				1.3				4.32			
BTEX		9.48				18.87				18.84				6.28			
Total VOCs		2430.02				6,580.80				9090.50				3,990.81			

Notes:

NA = No guidance value or standard available
(a) = NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected
RL = Laboratory detection limit
Bold = Result detected above detection limit
VOCs = Volatile Organic Compounds
CVOCs = Chlorinated Volatile Organic Compounds
BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response to the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.

TABLE 13
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Soil Outdoor Background Levels (µg/m³) ^(a)	SG5				SG7				SG8				SG9			
		12/1/2015 (µg/m3)				12/1/2015 (µg/m3)				12/1/2015 (µg/m3)				12/1/2015 (µg/m3)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
1,1,1,2-Tetrachloroethane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,1-Trichloroethane	<2.0 - 2.8	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.02	1.00		1.00
1,1,2,2-Tetrachloroethane	<1.5	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,2-Trichloroethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1-Dichloroethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1-Dichloroethene	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2,4-Trichlorobenzene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2,4-Trimethylbenzene	<1.0	2.76	1.00		1.00	3.35	1.00		1.00	2.94	1.00		1.00	2.61	1.00		1.00
1,2-Dibromoethane	<1.5	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichlorobenzene	<2.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichloroethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichloropropane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichlorotetrafluoroethane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,3,5-Trimethylbenzene	<1.0	1.01	1.00		1.00	1.26	1.00		1.00	1.13	1.00		1.00	<1.00	1.00	U	1.00
1,3-Butadiene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,3-Dichlorobenzene	<2.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,4-Dichlorobenzene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,4-Dioxane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
2-Hexanone		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	5.61	1.00		1.00	<1.00	1.00	U	1.00
4-Ethyltoluene	NA	1.69	1.00		1.00	2.26	1.00		1.00	1.85	1.00		1.00	1.6	1.00		1.00
4-Isopropyltoluene		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
4-Methyl-2-pentanone		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Acetone	NA	<1.00	1.00	U	1.00	582	9.99	DS	9.99	2850	75.0	DS	75.0	118	5.01	DS	5.01
Acrylonitrile		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Benzene	<1.6 - 4.7	10.3	1.00		1.00	13.6	1.00		1.00	<1.00	1.00	U	1.00	1.75	1.00		1.00
Benzyl Chloride	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Bromodichloromethane	<5.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Bromoform	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Bromomethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Carbon Disulfide	NA	26.2	1.00		1.00	34.5	1.00		1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Carbon Tetrachloride	<3.1	0.35	0.25		0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25
Chlorobenzene	<2.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Chloroethane	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Chloroform	<2.4	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Chloromethane	<1.0 - 1.4	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
cis-1,2-Dichloroethene	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
cis-1,3-Dichloropropene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Cyclohexane	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Dibromochloromethane	<5.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Dichlorodifluoromethane	NA	2.11	1.00		1.00	2.08	1.00		1.00	2.03	1.00		1.00	27.2	1.00		1.00
Ethanol		8.93	1.00	S	1.00	14.8	1.00		1.00	78.7	1.00	E	1.00	<1.00	1.00	U	1.00
Ethyl Acetate	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Ethylbenzene	<4.3	2.62	1.00		1.00	2.87	1.00		1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Heptane	NA	3330	30.0	D	30.0	290	9.99	D	9.99	2.51	1.00		1.00	14.8	1.00		1.00
Hexachlorobutadiene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Hexane	<1.5	6200	75.0	DS	75.0	824	10.0	DS	10.0	<1.00	1.00	U	1.00	117	1.00		1.00
Isopropylalcohol	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Isopropylbenzene		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Xylene (m&p)	<4.3	3.98	1.00		1.00	5.51	1.00		1.00	1.51	1.00		1.00	1.53	1.00		1.00
Methyl Ethyl Ketone		12.9	1.00		1.00	<1.00	1.00	U	1.00	40.7	1.00		1.00	<1.00	1.00	U	1.00
MTBE	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Methylene Chloride	<3.4	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
n-Butylbenzene		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Xylene (o)	<4.3	<1.00	1.00	U	1.00	1.59	1.00		1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Propylene	NA	<1.00	1.00	U	1.00	270	9.99	D	9.99	7.88	1.00		1.00	<1.00	1.00	U	1.00
sec-Butylbenzene		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Styrene	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Tetrachloroethene		0.39	0.25		0.25	6.26	0.25		0.25	2.64	0.25		0.25	15.8	0.25		0.25
Tetrahydrofuran	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Toluene	1.0 - 6.1	44.8	1.00		1.00	18.8	1.00		1.00	1.23	1.00		1.00	1.55	1.00		1.00
trans-1,2-Dichloroethene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
trans-1,3-Dichloropropene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Trichloroethene	<1.7	<0.25	0.25	U	0.25	0.43	0.25		0.25	0.27	0.25		0.25	9.24	0.25		0.25
Trichlorofluoromethane	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.45	1.00		1.00	11.9	1.00		1.00
Trichlorotrifluoroethane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Vinyl Chloride	<1.0	0.28	0.25		0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25	<0.25	0.25	U	0.25
Total CVOCs		0.74				6.69				2.91				26.06			
BTEX		61.7				42.37				2.74				4.83			
Total VOCs		9,648.32				2,073.31				3,000.45				324.00			

Notes:
NA = No guidance value or standard available
(a) = NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected
RL = Laboratory detection limit
Bold = Result detected above detection limit
VOCs = Volatile Organic Compounds
CVOCs = Chlorinated Volatile Organic Compounds
BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

U	The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response to the nearest internal

TABLE 13
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Soil Outdoor Background Levels (µg/m³) ^(a)	SS1				SS2				SS3				SS4				SS5			
		12/2/2015 (µg/m3)				12/1/2015 (µg/m3)				12/2/2015 (µg/m3)				12/1/2015 (µg/m3)				12/2/2015 (µg/m3)			
		Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL	Results	RL	Qual	MDL
1,1,1,2-Tetrachloroethane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,1-Trichloroethane	<2.0 - 2.8	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,2,2-Tetrachloroethane	<1.5	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1,2-Trichloroethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1-Dichloroethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,1-Dichloroethene	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2,4-Trichlorobenzene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2,4-Trimethylbenzene	<1.0	6.09	1.00		1.00	3.42	1.00		1.00	4.06	1.00		1.00	4.2	1.00		1.00	3.97	1.00		1.00
1,2-Dibromoethane	<1.5	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichlorobenzene	<2.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichloroethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichloropropane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,2-Dichlorotetrafluoroethane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,3,5-Trimethylbenzene	<1.0	2.56	1.00		1.00	1.39	1.00		1.00	1.61	1.00		1.00	2.19	1.00		1.00	3.02	1.00		1.00
1,3-Butadiene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,3-Dichlorobenzene	<2.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,4-Dichlorobenzene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
1,4-Dioxane		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
2-Hexanone		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
4-Ethyltoluene	NA	1.51	1.00		1.00	1.09	1.00		1.00	1.04	1.00		1.00	2.57	1.00		1.00	<1.00	1.00	U	1.00
4-Isopropyltoluene		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
4-Methyl-2-pentanone		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.23	1.00		1.00	<1.00	1.00	U	1.00	2.54	1.00		1.00
Acetone	NA	53.2	1.00		1.00	23.7	1.00		1.00	139	5.01	DS	5.01	58.2	1.00		1.00	102	5.01	DS	5.01
Acrylonitrile		<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Benzene	<1.6 - 4.7	1.28	1.00		1.00	<1.00	1.00	U	1.00	1.1	1.00		1.00	<1.00	1.00	U	1.00	2.12	1.00		1.00
Benzyl Chloride	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Bromodichloromethane	<5.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Bromoform	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Bromomethane	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Carbon Disulfide	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Carbon Tetrachloride	<3.1	0.46	0.25		0.25	0.26	0.25		0.25	0.43	0.25		0.25	0.3	0.25		0.25	0.45	0.25		0.25
Chlorobenzene	<2.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Chloroethane	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Chloroform	<2.4	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Chloromethane	<1.0 - 1.4	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.14	1.00		1.00	<1.00	1.00	U	1.00	1.03	1.00		1.00
cis-1,2-Dichloroethene	<1.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
cis-1,3-Dichloropropene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Cyclohexane	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Dibromochloromethane	<5.0	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Dichlorodifluoromethane	NA	1.8	1.00		1.00	2.15	1.00		1.00	1.86	1.00		1.00	2.24	1.00		1.00	1.73	1.00		1.00
Ethanol		14.2	1.00		1.00	14.9	1.00		1.00	98.3	5.01	DS	5.01	4.05	1.00	S	1.00	12.9	1.00		1.00
Ethyl Acetate	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.09	1.00		1.00	<1.00	1.00	U	1.00	2.85	1.00		1.00
Ethylbenzene	<4.3	1.12	1.00		1.00	1.51	1.00		1.00	<1.00	1.00	U	1.00	2.48	1.00		1.00	2.3	1.00		1.00
Heptane	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	1.22	1.00		1.00	<1.00	1.00	U	1.00	1.53	1.00		1.00
Hexachlorobutadiene	NA	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00	<1.00	1.00	U	1.00
Hexane	<1.5	3.14	1.00	S	1.00	<1.00															

TABLE 14
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	15B1		15B3		15B4		15B6		15B8	15B9	15B10
			11/24/2015		11/24/2015		11/24/2015		11/20/2015		11/20/2015	11/20/2015	11/20/2015
			(0-2')	(5-7')	(0-2')	(5-7')	(0-2')	(6-8')	(3-5')	(10-12')	(6-8')	(0-2')	(6-8')
Sample Results in ug/kg													
Acetone	72-1500	5	-	-	-	-	-	-	-	-	110	-	-
Benzene	61-140	3	-	-	-	65	-	140	-	-	-	-	-
Sample Results in ug/kg													
Benz(a)anthracene	1300-1600	3	-	-	-	-	1,600	-	-	-	-	-	-
Benzo(a)pyrene	1100-1300	3	-	-	-	-	1,300	-	-	-	-	-	-
Benzo(b)fluoranthene	1100-1400	2	-	-	-	-	1,100	-	-	-	-	-	-
Benzo(k)fluoranthene	1100	1	-	-	-	-	1,100	-	-	-	-	-	-
Chrysene	1200-1600	3	-	-	-	-	1,500	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	640-820	3	680	-	-	-	820	-	-	-	-	-	-
Sample Results in ug/kg													
4,4' -DDD	8	1	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDE	7.9-130	3	-	-	-	-	-	-	-	-	-	-	-
4,4' -DDT	3.6-280	5	-	-	-	-	-	-	-	-	-	-	-
a-Chlordane	300	1	-	-	-	-	-	-	-	-	-	-	-
PCB-1260	110-210	2	-	-	-	-	-	-	-	-	-	-	-
Sample Results in mg/kg													
Arsenic	14.2-34.9	10	-	-	19.5	33.5	19.5	-	-	-	-	-	22.8
Barium	537	1	-	-	-	-	-	-	-	-	-	-	-
Cadmium	2.54-4.96	7	-	-	3.41	4.01	-	-	3.03	-	-	2.98	3.55
Chromium	32.8-128	6	-	-	-	69.6	-	-	-	32.8	-	-	45.9
Copper	51.2-1340	8	-	-	72.6	194	100	-	64.6	-	-	-	-
Lead	65.3-2280	11	76	-	282	-	2,280	-	-	-	-	-	-
Manganese	1660-2750	4	-	-	-	2,750	-	-	1,660	-	-	-	-
Mercury	0.21-2.85	6	-	-	0.31	-	0.92	-	-	-	-	-	-
Nickel	33-131	10	-	36	36.8	143	35.7	-	49.6	-	-	45.9	42.8
Silver	3.09	1	-	-	-	-	-	-	-	-	-	-	-
Zinc	123-2840	5	-	-	-	-	-	-	-	-	-	-	-

Notes:

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

RL - Laboratory Reporting Limit

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

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

TABLE 14
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	15B11		15B12	15B13	15B18	15B21	15B22		15B23		Duplicate	Duplicate
			11/23/2015		11/23/2015	11/20/2015	11/20/2015	11/20/2015	11/20/2015		11/20/2015		11/20/2015	11/23/2015
			(0-2')	(6-8')	(6-8')	(0-2')	(0-2')	(6-8')	(0-2')	(6-8')	(2-4')	(6-8')		
Sample Results in ug/kg														
Acetone	72-1500	5	-	-	100	-	-	72	-	1,500	510	-	-	-
Benzene	61-140	3	-	-	61	-	-	-	-	-	-	-	-	-
Sample Results in ug/kg														
Benz(a)anthracene	1300-1600	3	-	-	-	-	-	-	-	-	1,300	-	1,300	-
Benzo(a)pyrene	1100-1300	3	-	-	-	-	-	-	-	1,200	-	-	1,100	-
Benzo(b)fluoranthene	1100-1400	2	-	-	-	-	-	-	-	-	-	-	1,400	-
Benzo(k)fluoranthene	1100	1	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1200-1600	3	-	-	-	-	-	-	-	-	1,200	-	1,600	-
Indeno(1,2,3-cd)pyrene	640-820	3	-	-	-	-	-	-	-	-	-	-	640	-
Sample Results in ug/kg														
4,4' -DDD	8	1	-	-	-	-	-	-	-	-	-	-	8	-
4,4' -DDE	7.9-130	3	-	-	-	7.9	-	-	130	-	-	-	22	-
4,4' -DDT	3.6-280	5	4.2	-	-	9.4	-	-	280	-	-	-	32	3.6
a-Chlordane	300	1	-	-	-	-	-	-	300	-	-	-	-	-
PCB-1260	110-210	2	-	-	-	-	-	-	210	-	-	-	110	-
Sample Results in mg/kg														
Arsenic	14.2-34.9	10	14.2	-	-	14.2	20.1	-	14.2	34.9	-	-	-	18.6
Barium	537	1	-	-	-	-	-	-	537	-	-	-	-	-
Cadmium	2.54-4.96	7	-	-	-	-	-	-	4.96	-	2.54	-	-	-
Chromium	32.8-128	6	-	-	-	-	-	-	128	39.5	-	35.4	-	-
Copper	51.2-1340	8	51.2	-	-	-	-	-	1340	145	-	-	75.8	-
Lead	65.3-2280	11	317	-	-	89.3	65.3	-	1550	255	155	-	497	476
Manganese	1660-2750	4	-	2,450	-	-	-	-	-	-	-	-	-	1,950
Mercury	0.21-2.85	6	0.22	-	-	-	-	-	0.34	2.85	-	-	-	0.21
Nickel	33-131	10	33	-	-	-	-	-	131	-	-	-	-	38.6
Silver	3.09	1	-	-	-	-	-	-	3.09	-	-	-	-	-
Zinc	123-2840	5	123	-	-	-	-	-	2840	223	-	-	225	236

Notes:

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

RL - Laboratory Reporting Limit

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

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

TABLE 15
Former Mugler Shoring
2401 3rd Avenue, Bronx, NY
Parameters Detected Above Ambient Groundwater Standards

COMPOUND	Range in Exceedances	Frequency of Detection	MW1	MW2	MW3	MW4	MW5	MW7	MW8	MW9	MW10	MW11D	MW12D	MW13D	Duplicate
			12/2/2015	12/2/2015	12/1/2015	12/2/2015	12/2/2015	12/2/2015	12/2/2015	12/2/2015	12/2/2015	12/2/2015	12/2/2015	12/2/2015	12/1/2015
Sample Results in ug/L															
Chloromethane	8.3-39	4	-	-	39	-	8.3	-	-	-	-	-	-	16	15
Sample Results in ug/L															
Acenaphthylene	0.05	1	-	-	-	-	-	-	-	0.05	-	-	-	-	-
Benz(a)anthracene	0.03	1	-	-	-	-	-	-	-	0.03	-	-	-	-	-
Benzo(a)pyrene	0.03	1	-	-	-	-	-	-	-	0.03	-	-	-	-	-
Benzo(ghi)perylene	0.04	1	-	-	-	-	-	-	-	0.04	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	0.05	1	-	-	-	-	-	-	-	0.05	-	-	-	-	-
Sample Results in ug/L															
PCB-1254	1.3	1	-	-	-	-	-	-	-	1.3	-	-	-	-	-
Sample Results in mg/L															
Iron (dissolved)	0.36-21.8	2	-	0.36	-	-	-	-	21.8	-	-	-	-	-	-
Magnesium (dissolved)	37.7-688	13	688	411	293	43.9	288	393	612	426	247	37.7	148	55.9	55.3
Manganese (dissolved)	0.403-5.46	11	0.777	0.672	1.25	0.643	0.403	6.25	1.04	1.18	5.46	-	0.609	-	-
Sodium (dissolved)	122-5290	13	5290	3190	1950	122	2310	2990	4450	2,900	1870	719	1420	832	799
Sample Results in mg/L															
Aluminum	0.372-19.4	3	0.545	0.41	2.24	0.372	0.911	-	-	19.4	-	3.06	37.9	0.997	1.05
Arsenic	0.034	1	-	-	-	-	-	-	-	0.034	-	-	-	-	-
Chromium	0.094	1	-	-	-	-	-	-	-	-	-	-	0.094	-	-
Iron	2.19-78.9	12	9.07	34.3	20.2	8.79	2.19	-	48.8	48.4	18.2	6.67	78.9	2.94	3.08
Lead	0.047-0.224	3	-	-	-	-	-	-	-	0.224	-	0.047	0.053	-	-
Magnesium	40.2-662	13	662	399	286	41.3	269	422	580	489	228	40.2	174	60.9	53.2
Manganese	0.404-5.61	10	0.758	0.602	1.25	0.665	0.404	5.61	1.1	2.45	5.35	-	1.46	-	-
Selenium	0.018	1	0.018	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	132-5390	13	5,390	2,850	1,900	132	2,390	3,220	4,830	3,160	1,710	736	1,290	780	818

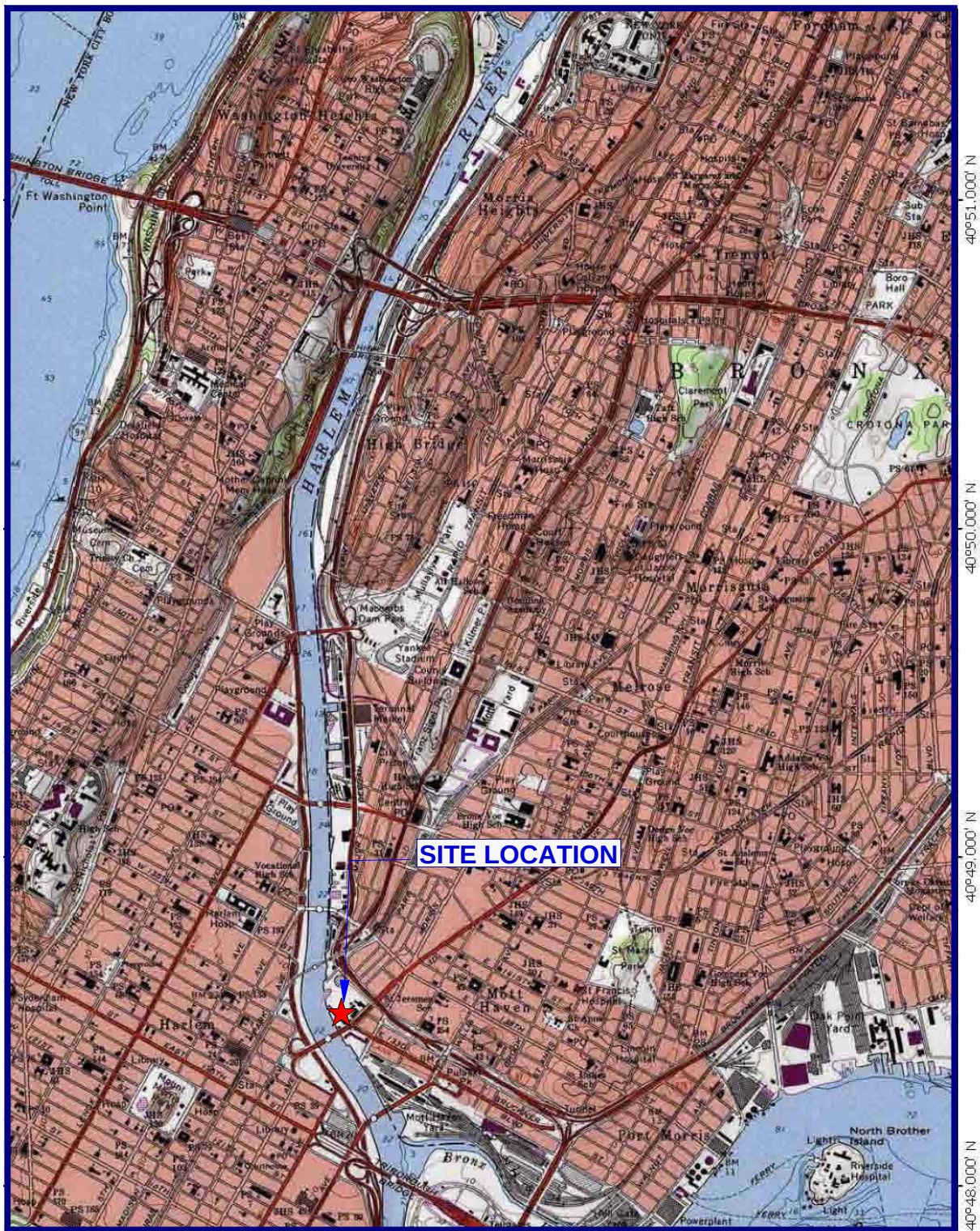
Notes:

RL - Laboratory Reporting Limit, MDL=Minimum Detection Limit

ND = Non-detect

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

FIGURES

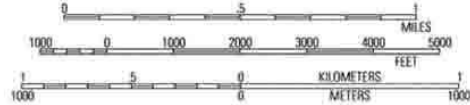


73°57.000' W

73°56.000' W

73°55.000' W

WGS84 73°54.000' W



08/21/13

USGS Central Park Quadrangle 1995, Contour Interval = 10 feet



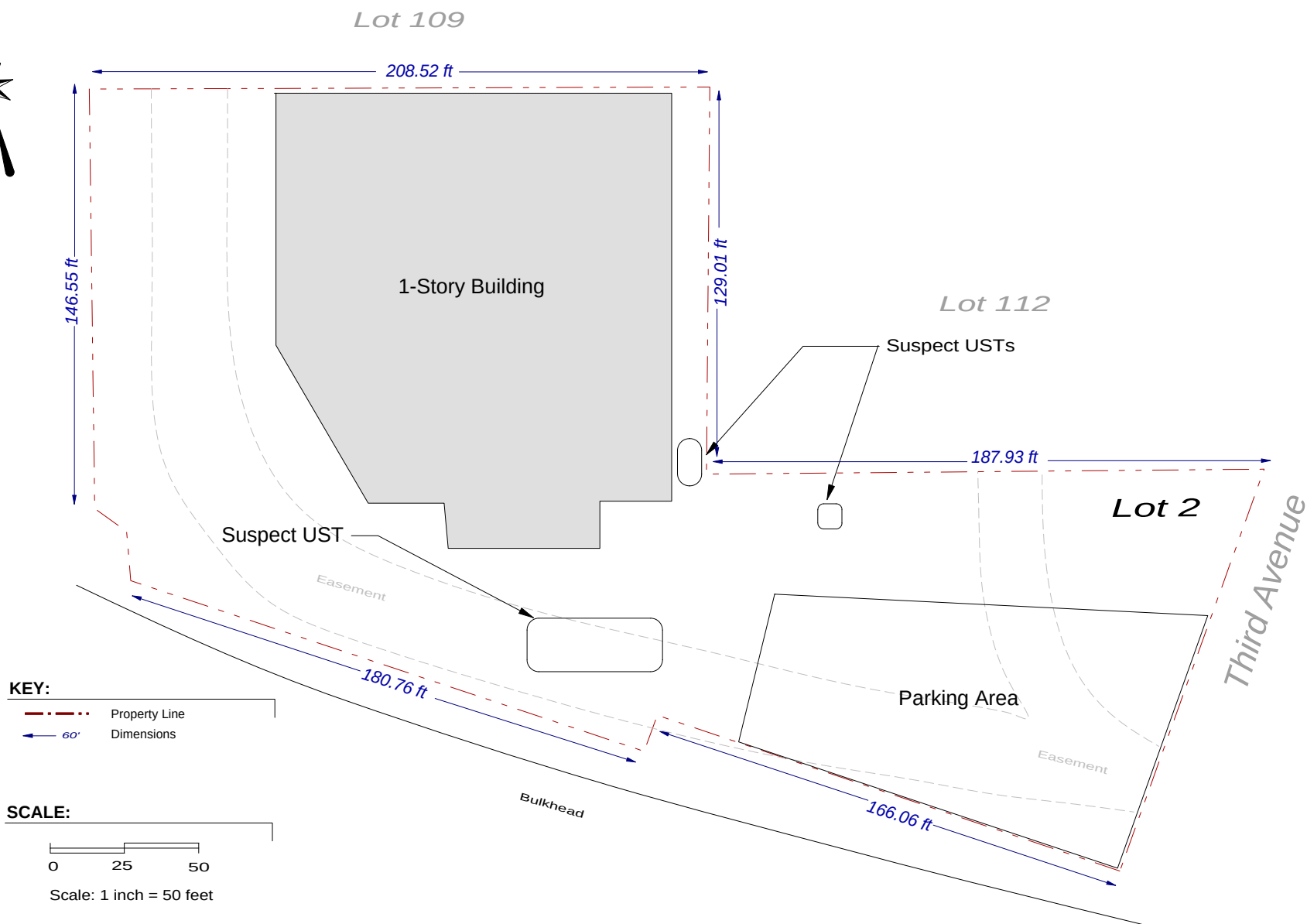
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

FORMER MUGLER SHORING INC.
2401 THIRD AVENUE, BRONX NY

FIGURE 1

SITE LOCATION MAP





Lot 109

Lot 112

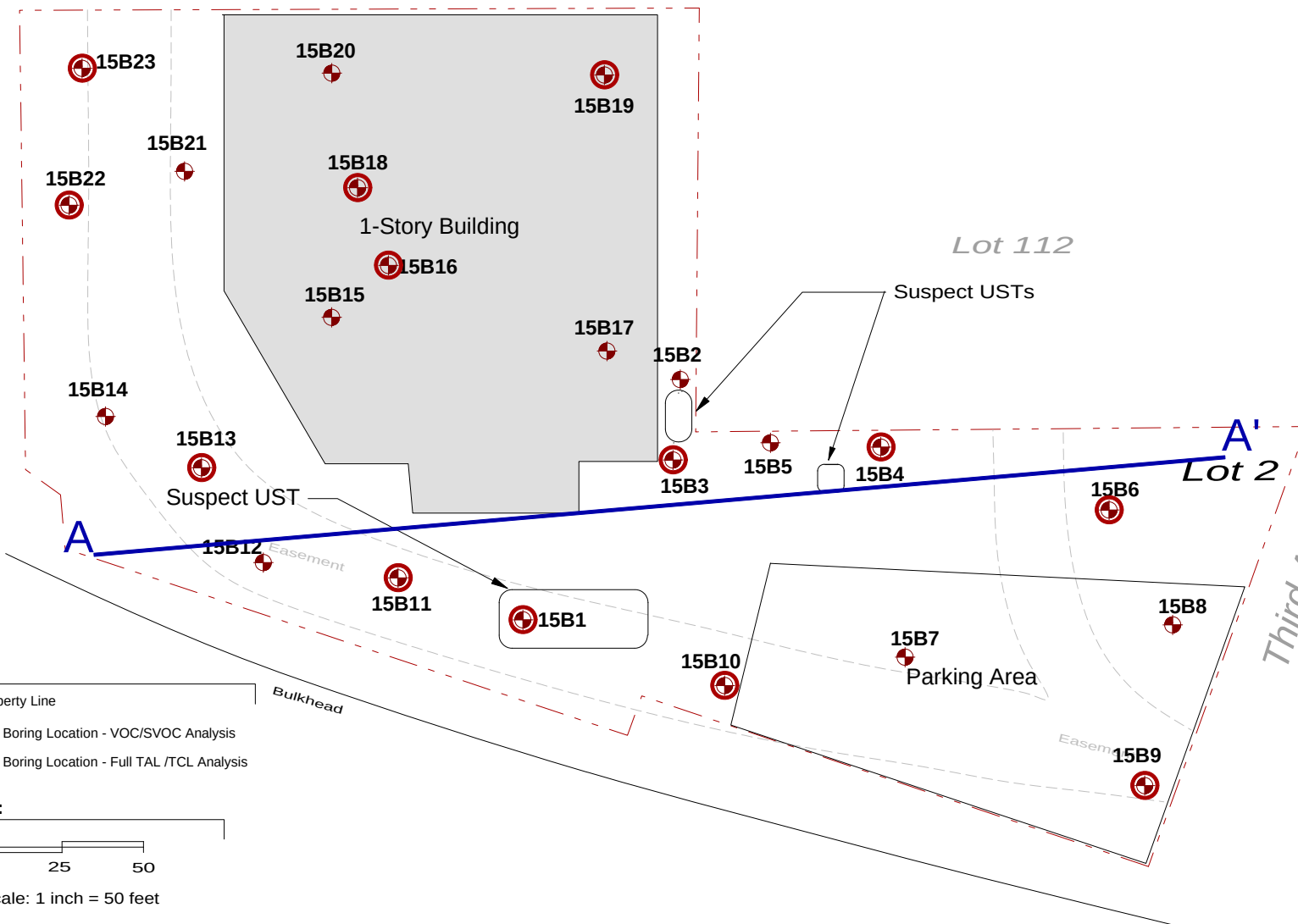
Lot 2

Third Avenue

KEY:
--- Property Line
15Bx Soil Boring Location - VOC/SVOC Analysis
15Bx Soil Boring Location - Full TAL /TCL Analysis

SCALE:

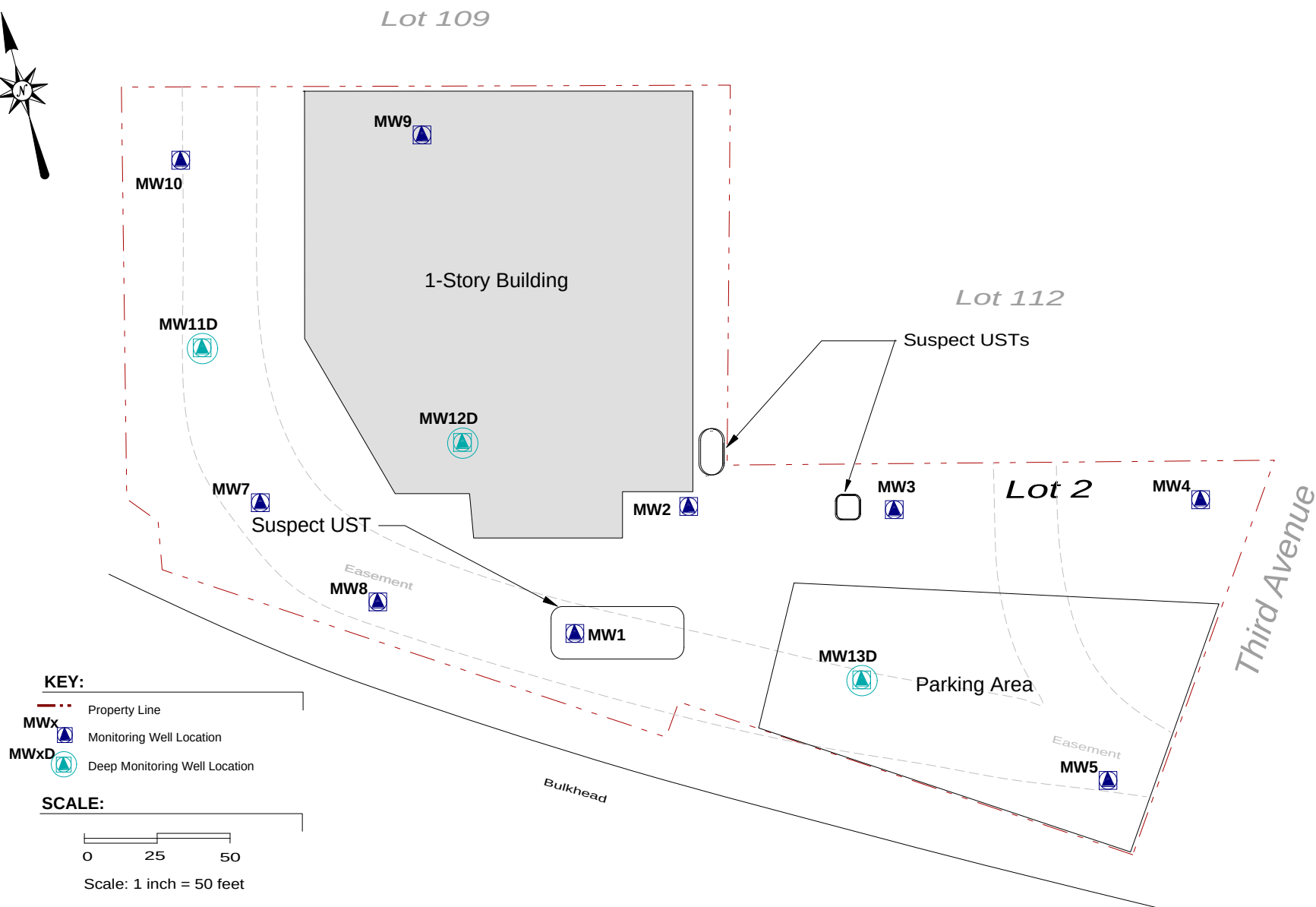
Scale: 1 inch = 50 feet

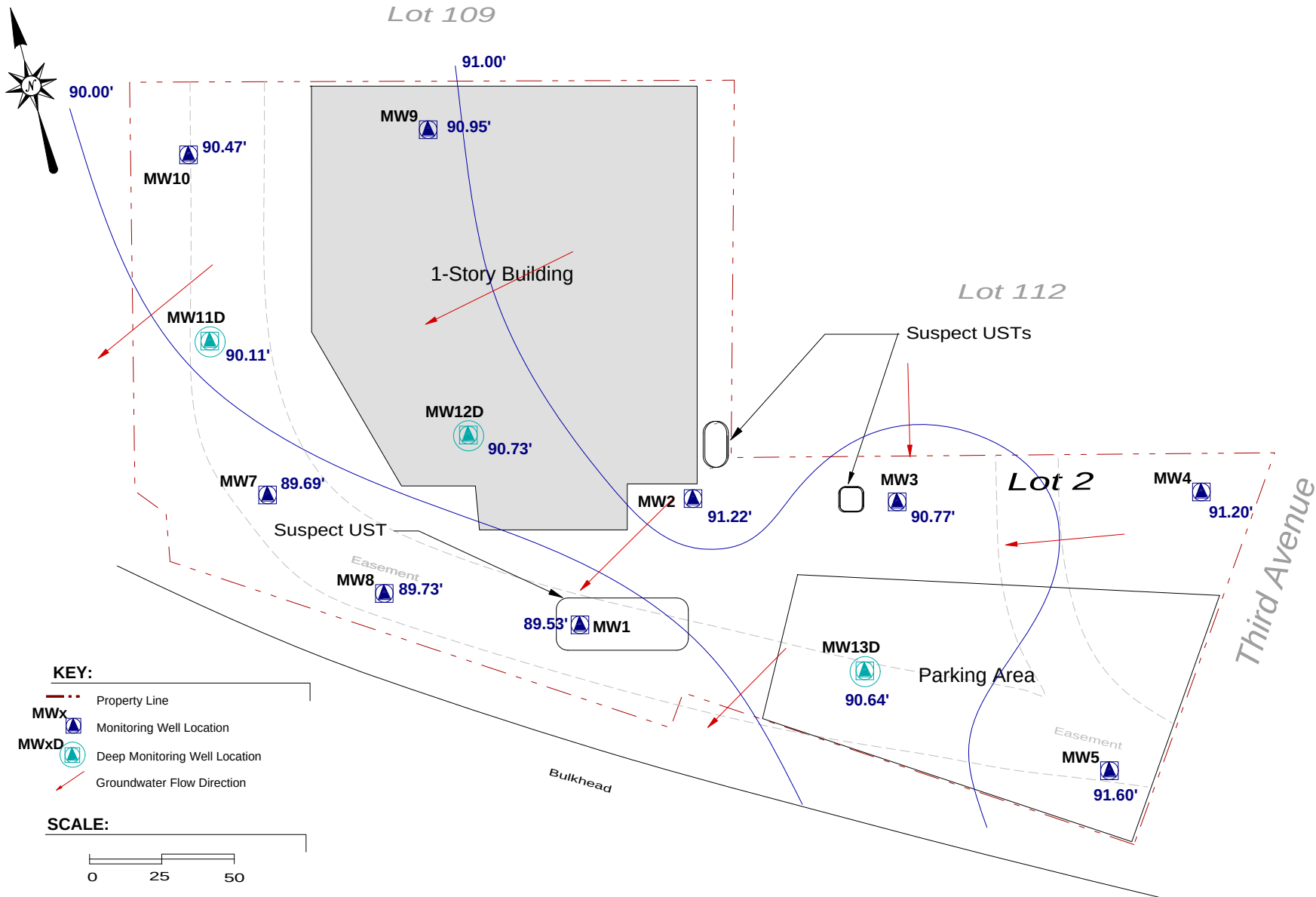


IBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

Figure No.
3

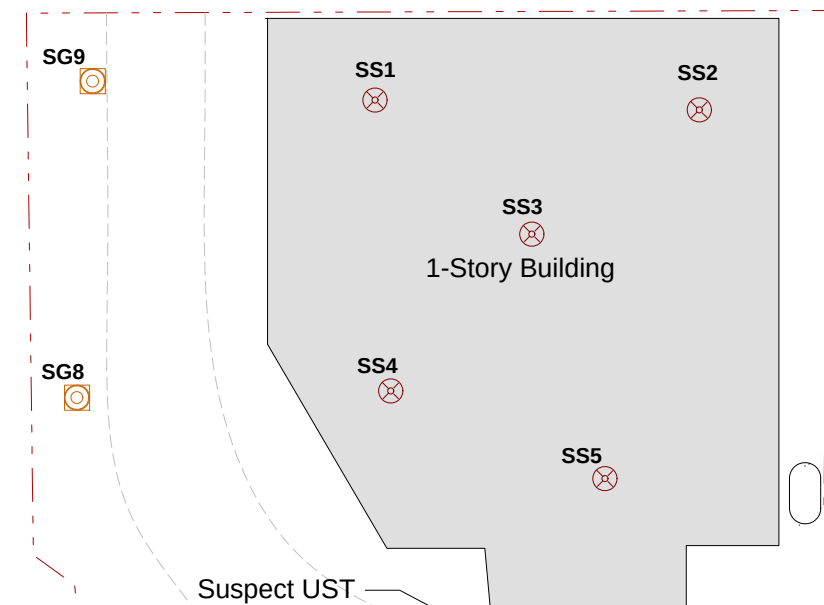
Site Name: **FORMER MUGLER SHORING INC.**
Site Address: **2401 THIRD AVENUE, BRONX, NY**
Drawing Title: **SOIL BORING LOCATIONS**







Lot 109



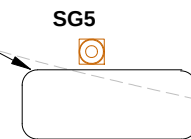
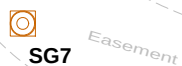
Lot 112

Suspect USTs



Lot 2

Suspect UST



Third Avenue

KEY:

--- Property Line

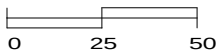
SGx

Soil Gas Location

SSx

Subslab Vapor Location

SCALE:



Scale: 1 inch = 50 feet

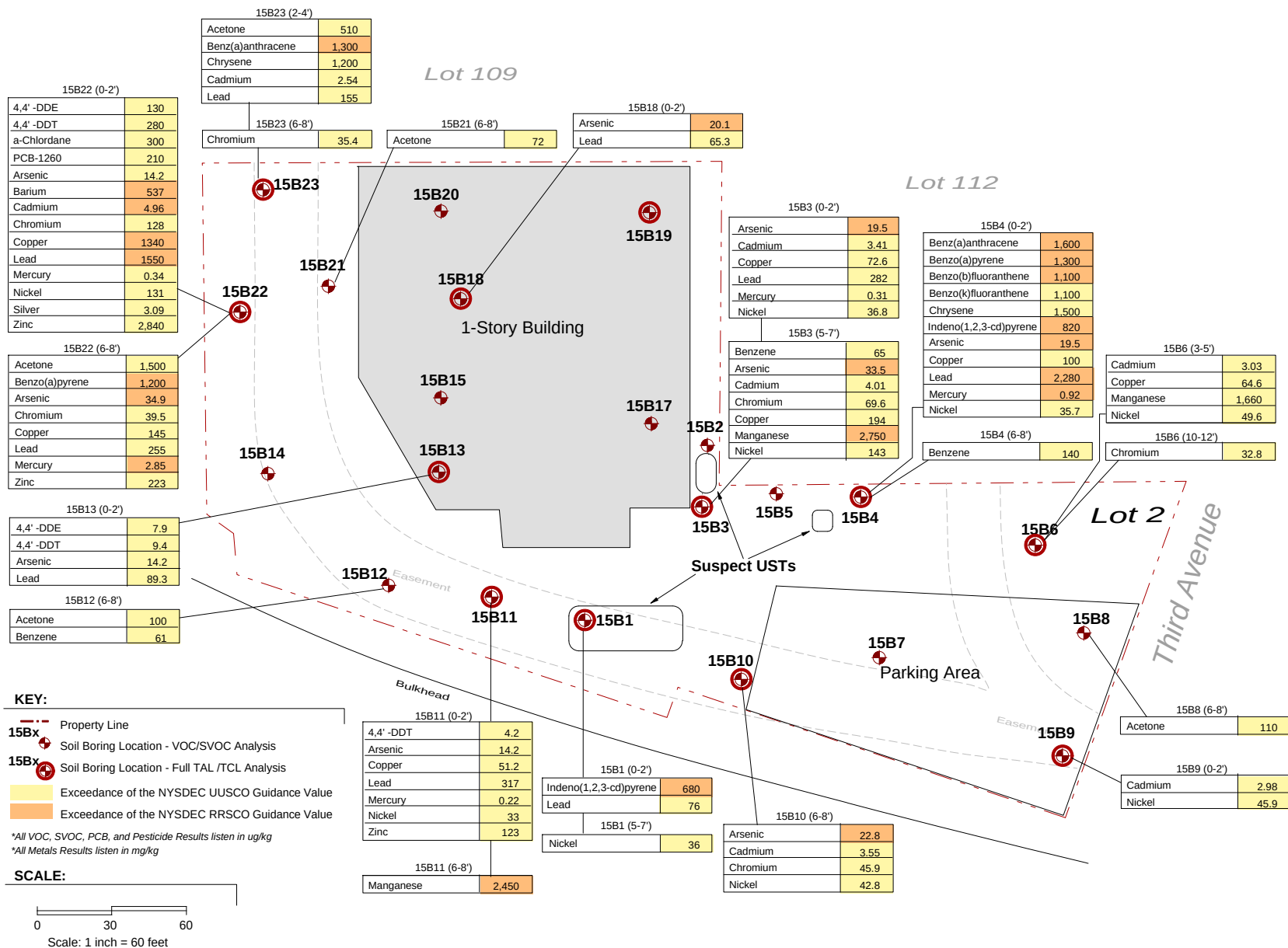
BC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

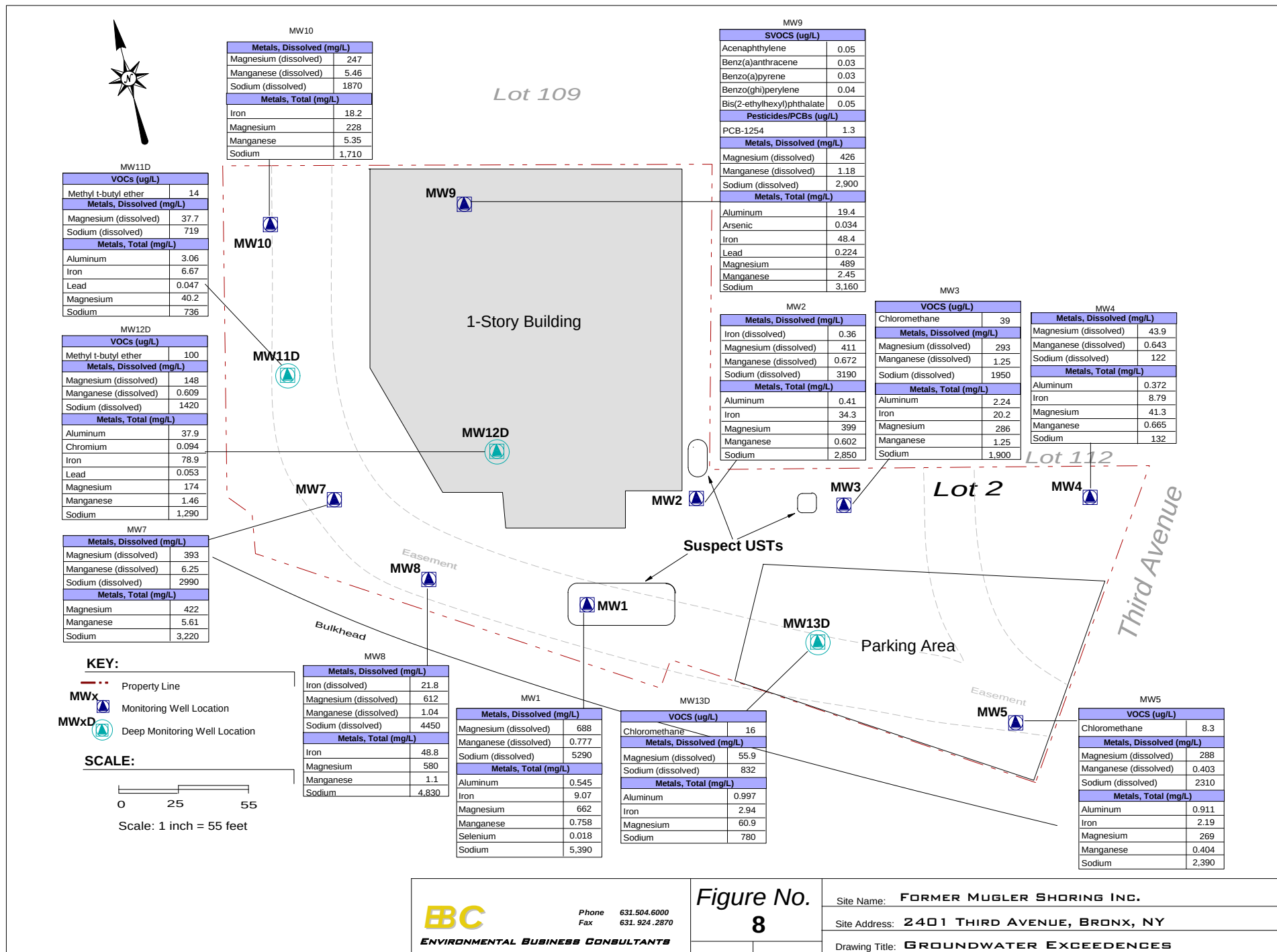
Figure No.
6

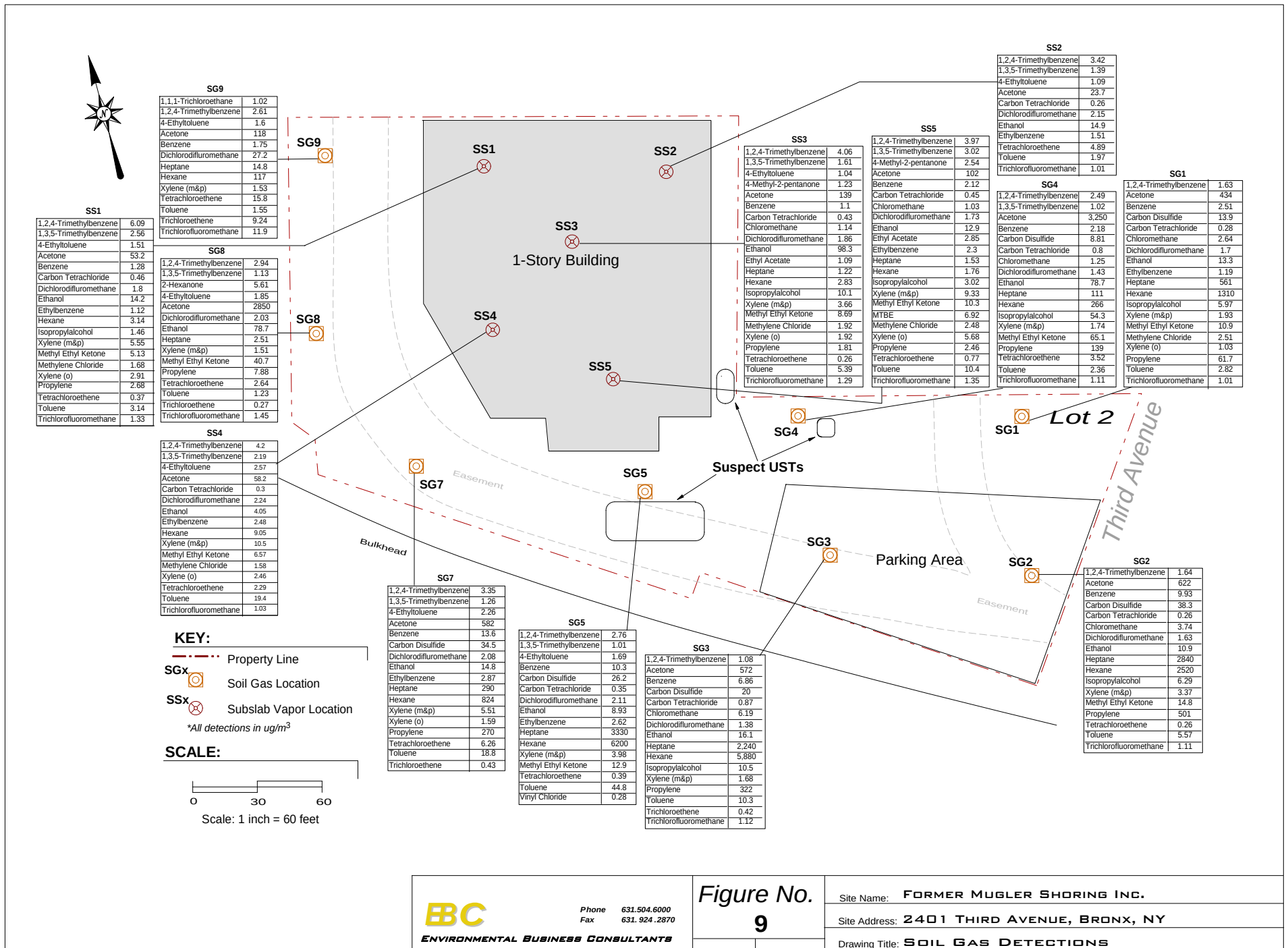
Site Name: **FORMER MUGLER SHORING INC.**

Site Address: **2401 THIRD AVENUE, BRONX, NY**

Drawing Title: **SOIL GAS SAMPLING LOCATIONS**







APPENDIX – A
Soil Boring Logs

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 180' from Lot 112 (N), 240' from East			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW	Ground Elevation
				Groundwater depth		Well Specifications
Drilling Company: C ² Environmental		Method: Geoprobe		5		
Date Started: 11/24/2015		Date Completed: 11/24/2015				
Completion Depth: 15 feet		Geologist Greg Swirson				

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 115' from Lot 112 (N), 190' from East			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW	Ground Elevation
				Groundwater depth		Well Specifications
				6		
Drilling Company: C ² Environmental		Method: Geoprobe		None		
Date Started: 11/24/2015		Date Completed: 11/24/2015				
Completion Depth: 15 feet		Geologist Greg Swirson				

[illegible]

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

15B3 Boring Log

Location: 135' from Lot 112 (N), 195' from East			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW	Ground Elevation
				Groundwater depth		Well Specifications
				5		
Drilling Company: C ² Environmental		Method: Geoprobe		None		
Date Started: 11/24/2015		Date Completed: 11/24/2015				
Completion Depth: 15 feet		Geologist Greg Swirson				

15B3 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	44		0.0	40" - Brown silt with coal and brick 4" - Brown silt
	5				<i>*Retained soil sample 15B3(0-2)</i>
	to	32		227.3	2" - Brown coarse matrix 30" Coal with petrol odor
	10				<i>*Retained soil sample 15B3(5-7)</i>
	to	26		18.8	8" - Gray sand w/ PID 18.8 18" - Brown sand w/ PID 0.0
	15				<i>*Retained soil sample 15B3(13-15)</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

15B4 Boring Log

Location: 130' from Lot 112 (N), 130' from East		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: Former Mugler Shoring Inc	Address: 2401 3rd Avenue, Bronx NY		Date	DTW
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth
Date Started: 11/24/2015		Date Completed: 11/24/2015		6
Completion Depth: 15 feet		Geologist Greg Swirson		Well Specifications
				None

15B4 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				2" - Concrete
	to	28		0.0	26" - Brown silt w/ coal
	5				<i>*Retained soil sample 15B4(0-2)</i>
	to	38		426.5	8" - Brown silt w/ PID 0.0 10" - Black stained silt w/ petrol odor; PID 426.5 20" - Gray silt w/ PID 4.2
	10				<i>*Retained soil sample 15B4(6-8)</i>
	to	29		1.2	13" - Gray sand 16" - Brown sand
	15				<i>*Retained soil sample 15B4(10-12)</i>

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 130' from Lot 112 (N), 165' from East			Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Groundwater depth	
Drilling Company: C ² Environmental		Method: Geoprobe		6	
Date Started: 11/24/2015		Date Completed: 11/24/2015		None	
Completion Depth: 15 feet		Geologist Greg Swirson			

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 25' from Lot 112 (N), 60' from East		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
				6	
Date Started: 11/19/2015		Date Completed: 11/19/2015		Well Specifications	
Completion Depth: 15 feet		Geologist Kevin Waters		None	

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 70' from Lot 112 (N), 125' from East		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
				6	
Date Started: 11/19/2015		Date Completed: 11/19/2015		Well Specifications	
Completion Depth: 15 feet		Geologist Kevin Waters		None	

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 60' from Lot 112 (N), 40' from East		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
				6	
Date Started: 11/19/2015		Date Completed: 11/19/2015		Well Specifications	
Completion Depth: 15 feet		Geologist Greg Swirson			

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 110' from Lot 112 (N), 50' from East		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
				6	
Date Started: 11/19/2015		Date Completed: 11/19/2015		Well Specifications	
Completion Depth: 15 feet		Geologist Greg Swirson		None	

[illegible]

Geologic Boring Log Details



15B10 Boring Log

Location: 80' from Lot 112 (N), 175' from East			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW	Ground Elevation
				Groundwater depth		Well Specifications
				6		
Drilling Company: C ² Environmental		Method: Geoprobe		None		
Date Started: 11/19/2015		Date Completed: 11/19/2015				
Completion Depth: 15 feet		Geologist Greg Swirson				

15B10 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	27		0.0	2" - Concrete 8" - Brown silt and coal 17" - Brown silt with coal and brick
	5				*Retained soil sample 15B10(3-5)
	to	15		0.0	15" - Brown silt w/ coal
	10				*Retained soil sample 15B10(6-8)
	to	34		0.0	34" - Gray / Black clay
	15				

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 175' from Lot 112 (N), 280' from East			Depth to Water (ft. from grade.)		Site Elevation Datum				
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW	Ground Elevation			
				Groundwater depth					
				Drilling Company: C ² Environmental		Method: Geoprobe		Well Specifications	
				Date Started: 11/23/2015		Date Completed: 11/23/2015			
				Completion Depth: 15 feet		Geologist Greg Swirson			
				None					

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 170' from Lot 112 (N), 320' from East		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Groundwater depth	
Drilling Company: C ² Environmental		Method: Geoprobe		7	
Date Started: 11/23/2015		Date Completed: 11/23/2015		Well Specifications	
Completion Depth: 15 feet		Geologist Greg Swirson			None

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 170' from Lot 112 (N), 320' from East			Depth to Water (ft. from grade.)		Site Elevation Datum		
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW	Ground Elevation	
				Groundwater depth			
				Drilling Company: C ² Environmental		Method: Geoprobe	
Date Started: 11/20/2015		Date Completed: 11/20/2015		None			
Completion Depth: 15 feet		Geologist Greg Swirson					

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 120' from North, 25' from West			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW	Ground Elevation
				Groundwater depth		Well Specifications
Drilling Company: C ² Environmental		Method: Geoprobe		5		
Date Started: 11/20/2015		Date Completed: 11/20/2015				
Completion Depth: 15 feet		Geologist Greg Swirson				

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 95' from South, 300' from East		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
				6	
Date Started: 11/20/2015		Date Completed: 11/20/2015		Well Specifications	
Completion Depth: 15 feet		Geologist Greg Swirson		None	

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 120' from North, 255' from East		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
				6	
Date Started: 11/19/2015		Date Completed: 11/19/2015		Well Specifications	
Completion Depth: 15 feet		Geologist Greg Swirson		None	

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 105' from North, 215' from East		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
Date Started: 11/19/2015		Date Completed: 11/19/2015		6	
Completion Depth: 15 feet		Geologist Greg Swirson		Well Specifications	
				None	

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 55' from south, 105' from West		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Groundwater depth	
Drilling Company: C ² Environmental		Method: Geoprobe		7	
Date Started: 11/19/2015		Date Completed: 11/19/2015		Well Specifications	
Completion Depth: 15 feet		Geologist Thomas Gallo		None	

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 20' from South, 215' from East		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
				6	
Date Started: 11/20/2015		Date Completed: 11/20/2015		Well Specifications	
Completion Depth: 15 feet		Geologist Greg Swirson		None	

[illegible]

Location: 20' from South, 300' from East			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW	Ground Elevation
				Groundwater depth		Well Specifications
				5.5		
				None		
Drilling Company: C ² Environmental		Method: Geoprobe				
Date Started: 11/20/2015		Date Completed: 11/20/2015				
Completion Depth: 15 feet		Geologist Greg Swirson				

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 50' from South, 50' from West		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Geoprobe		Groundwater depth	
Date Started: 11/20/2015		Date Completed: 11/20/2015		6	
Completion Depth: 15 feet		Geologist Greg Swirson		Well Specifications	
				None	

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 60' from South, 15' from West			Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW	Ground Elevation
				Groundwater depth		
Drilling Company: C ² Environmental		Method: Geoprobe		5.5		Well Specifications
Date Started: 11/20/2015		Date Completed: 11/20/2015				None
Completion Depth: 15 feet		Geologist Greg Swirson				

[illegible]

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Location: 10' from South, 25' from West		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: Former Mugler Shoring Inc		Address: 2401 3rd Avenue, Bronx NY		Date	DTW
				Ground Elevation	
Drilling Company: C ² Environmental		Method: Geoprobe			
				Groundwater depth	
				6	
Date Started: 11/20/2015		Date Completed: 11/20/2015		Well Specifications	
Completion Depth: 15 feet		Geologist Greg Swirson		None	

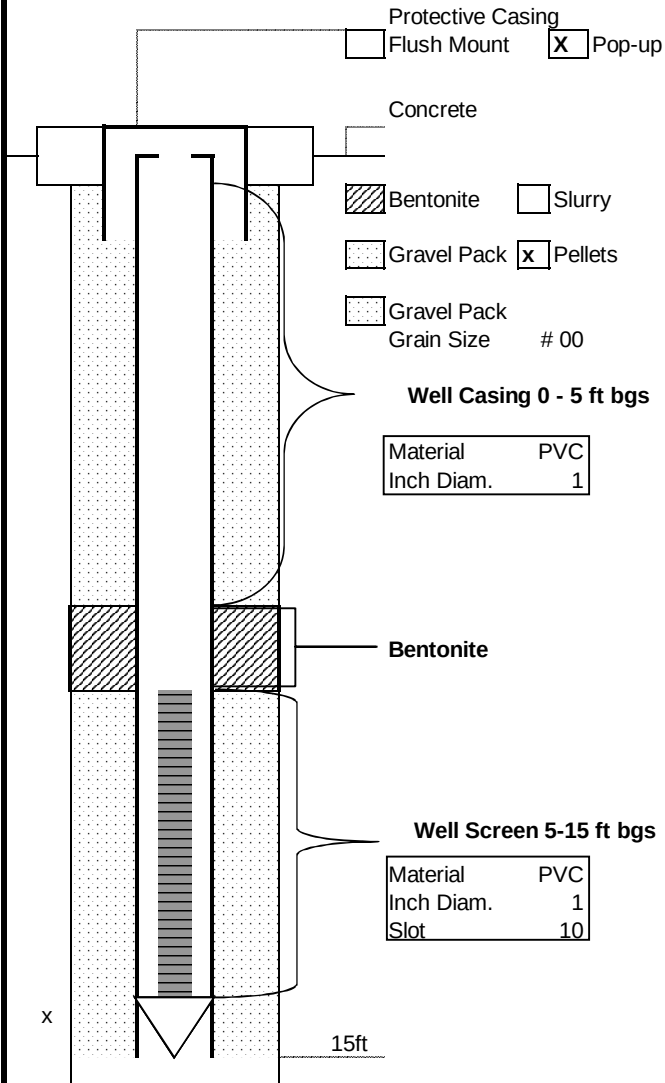
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APPENDIX – B
Monitoring Well Completion Reports



CONSTRUCTION LOG

MW1



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

Monitoring Well No.: MW1

Project: 2401 Third Avenue, Bronx NY

Depth to Groundwater: 6.03' Date: 12/1/2015

Installation Depth: 15ft bg

Survey Point Elevation:

Installation Date: 11/24/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

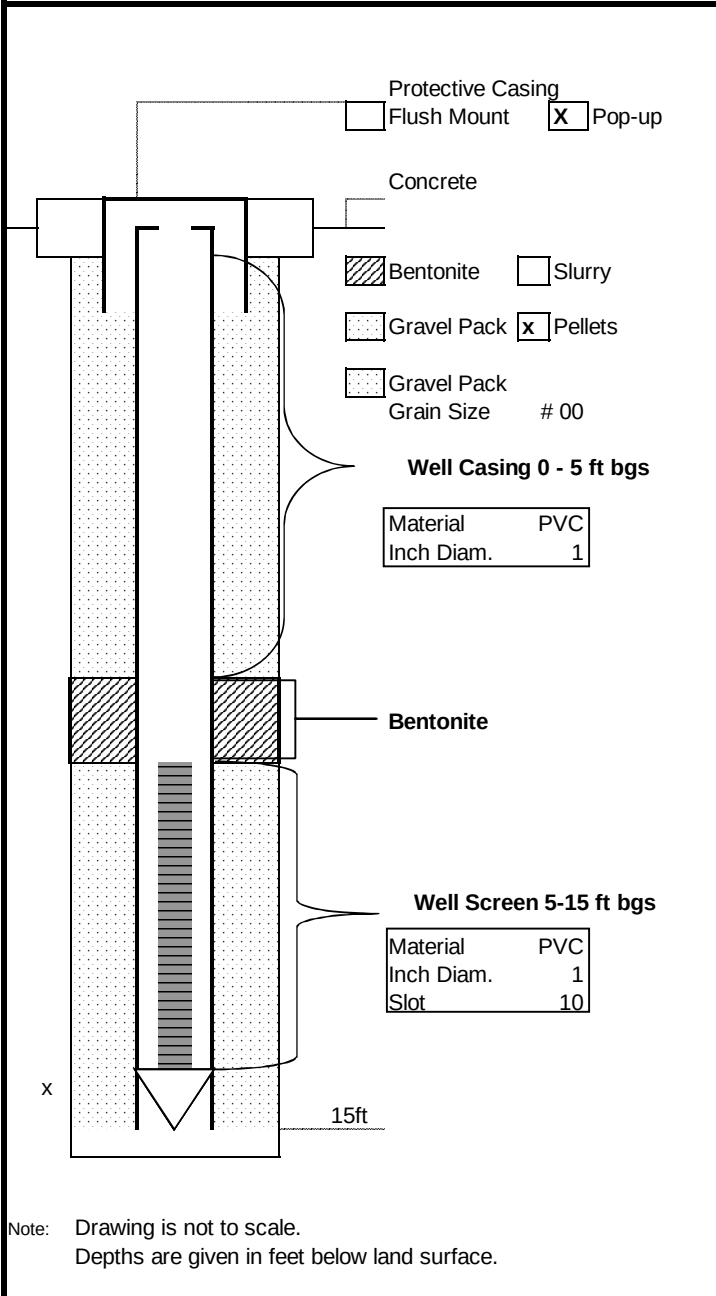


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW2



Monitoring Well No.: MW2

Project: 2401 Third Avenue, Bronx NY

Depth to Groundwater: 5.45' Date: 12/1/2015

Installation Depth: 15ft bg

Survey Point Elevation:

Installation Date: 11/24/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

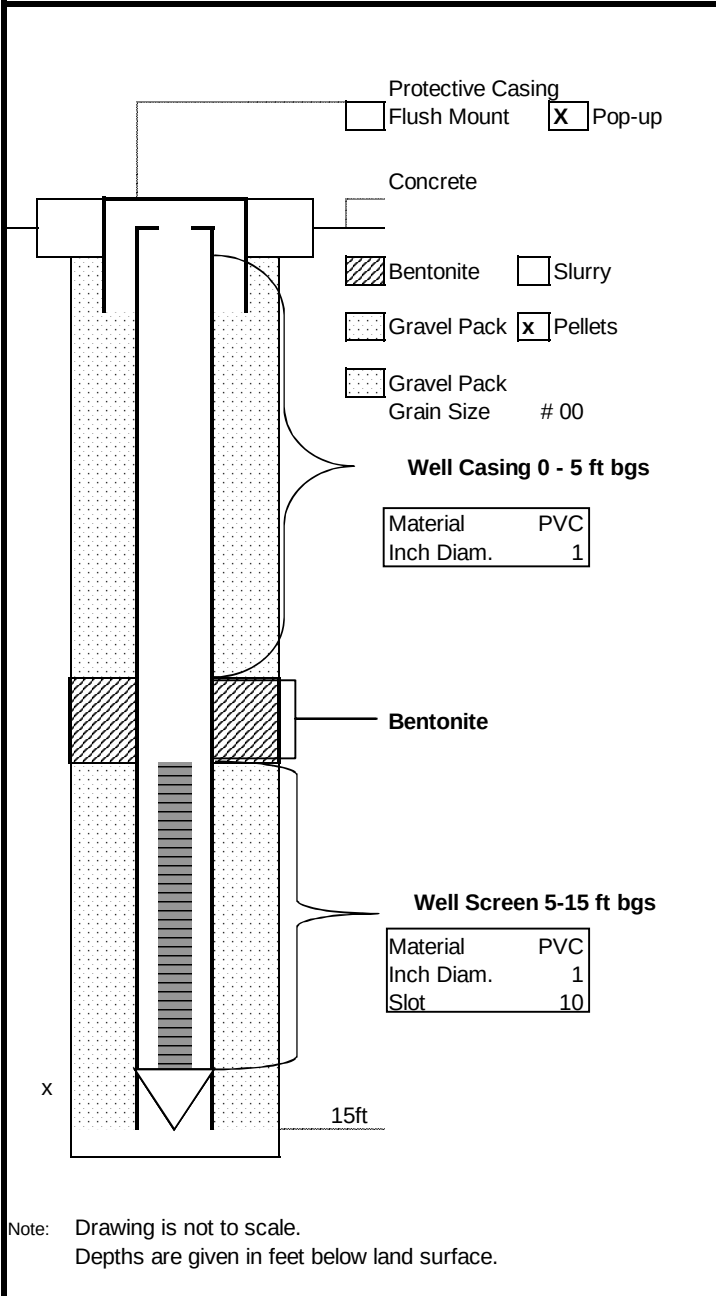


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW3



Monitoring Well No.: MW3

Project: 2401 Third Avenue, Bronx NY

Depth to Groundwater: 6.55 Date: 12/2/2015

Installation Depth: 15ft bg

Survey Point Elevation:

Installation Date: 11/24/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC



CONSTRUCTION LOG

MW4



Depths are given in feet below land surface.

MW4

2401 Third Avenue, Bronx NY

6.75' Date: 12/2/2015

15ft bg

Survey Point Elevation:

11/24/2015

C2 Environmental Corp

Hollow Geoprobe Rods

Water Removed During Development:

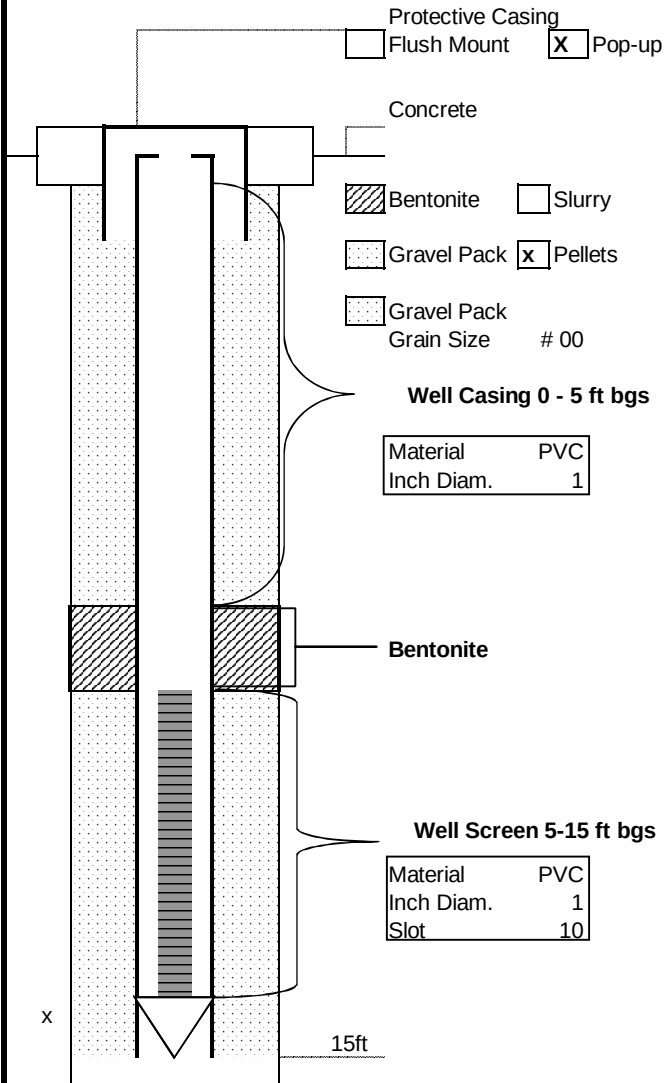
Thomas Gallo

EBC



CONSTRUCTION LOG

MW5



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

Monitoring Well No.: MW5

Project: 2401 Third Avenue, Bronx NY

Depth to Groundwater: 5.17' Date: 12/2/2015

Installation Depth: 15ft bg

Survey Point Elevation:

Installation Date: 11/24/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC

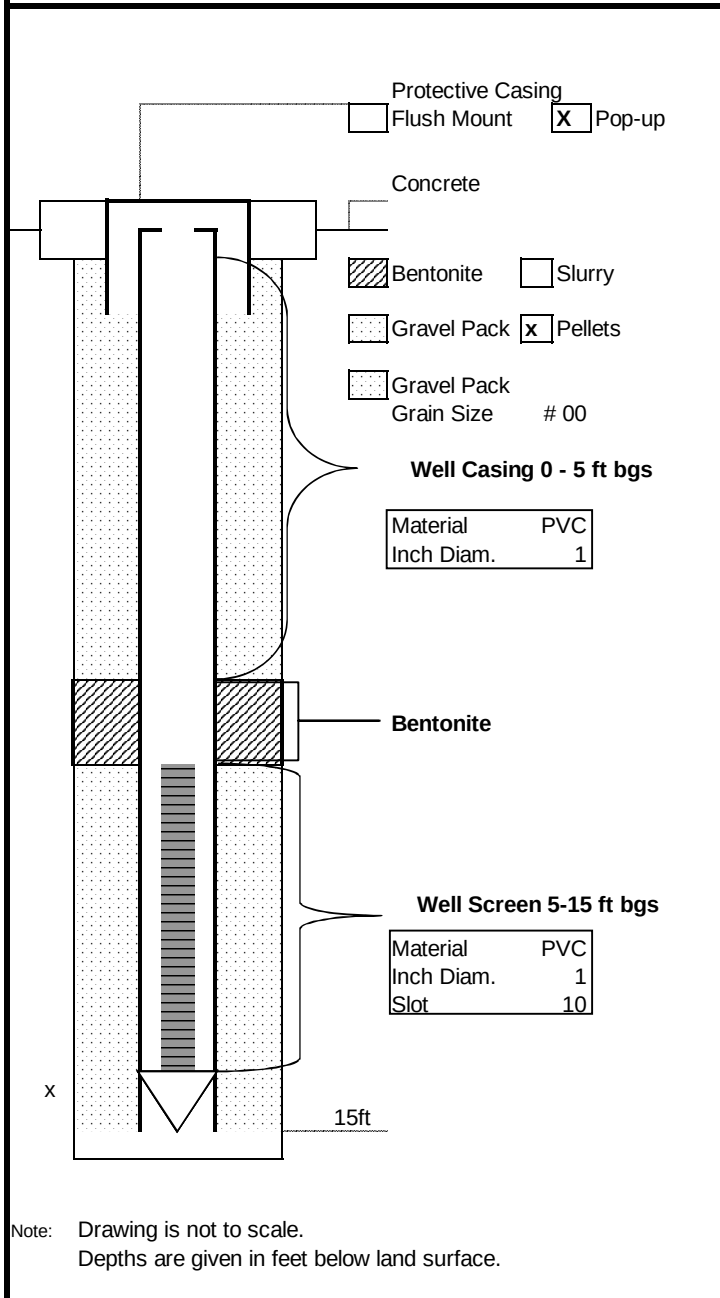


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW7



Monitoring Well No.: MW7

Project: 2401 Third Avenue, Bronx NY

Depth to Groundwater: 5.53' Date: 12/2/2015

Installation Depth: 15ft bg

Survey Point Elevation:

Installation Date: 11/20/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

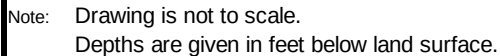
Hydrogeologist: Thomas Gallo

Company Name: EBC



CONSTRUCTION LOG

MW8



Company Name: EBC

Company Name:



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW9

Monitoring Well No.: MW9

Project: 2401 Third Avenue, Bronx NY

Depth to Groundwater: 5.91' Date: 12/2/2015

Installation Depth: 15ft bg

Survey Point Elevation:

Installation Date: 11/24/2015

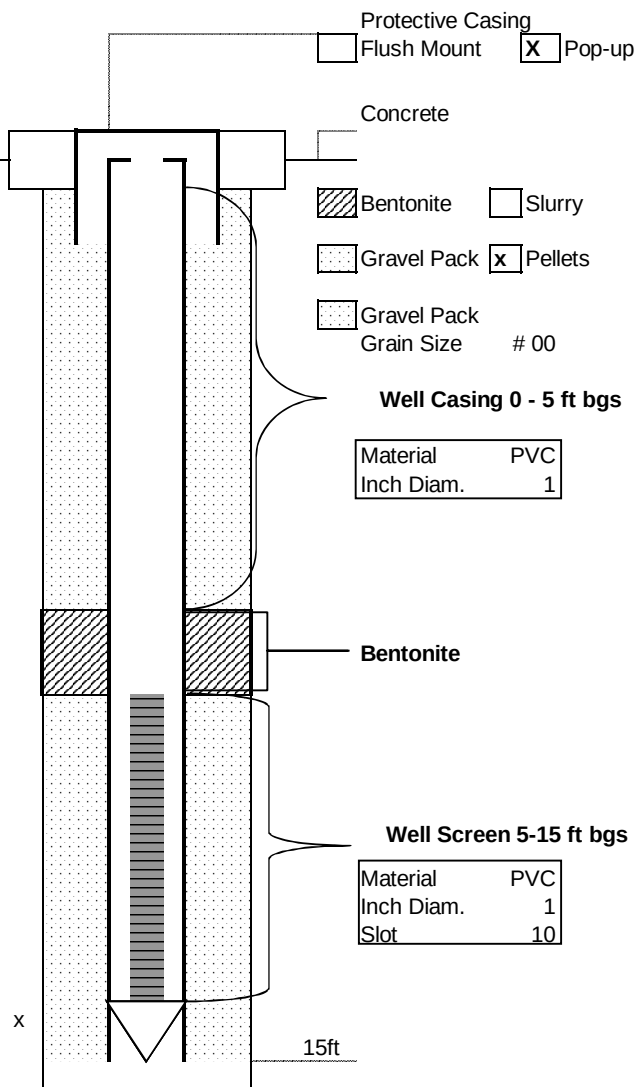
Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

Company Name: EBC



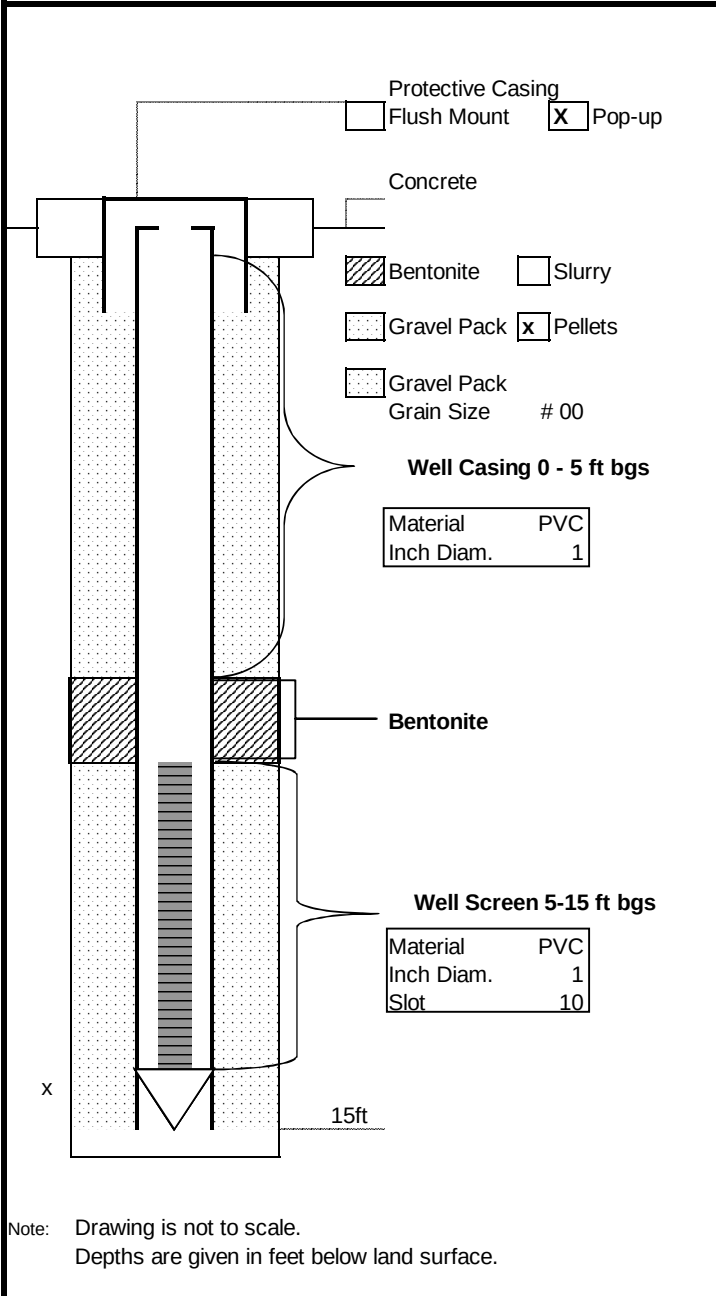
Note: Drawing is not to scale.
Depths are given in feet below land surface.



GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW10



Monitoring Well No.: MW10

Project: 2401 Third Avenue, Bronx NY

Depth to Groundwater: 5.29' Date: 12/2/2015

Installation Depth: 15ft bg

Survey Point Elevation:

Installation Date: 11/20/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

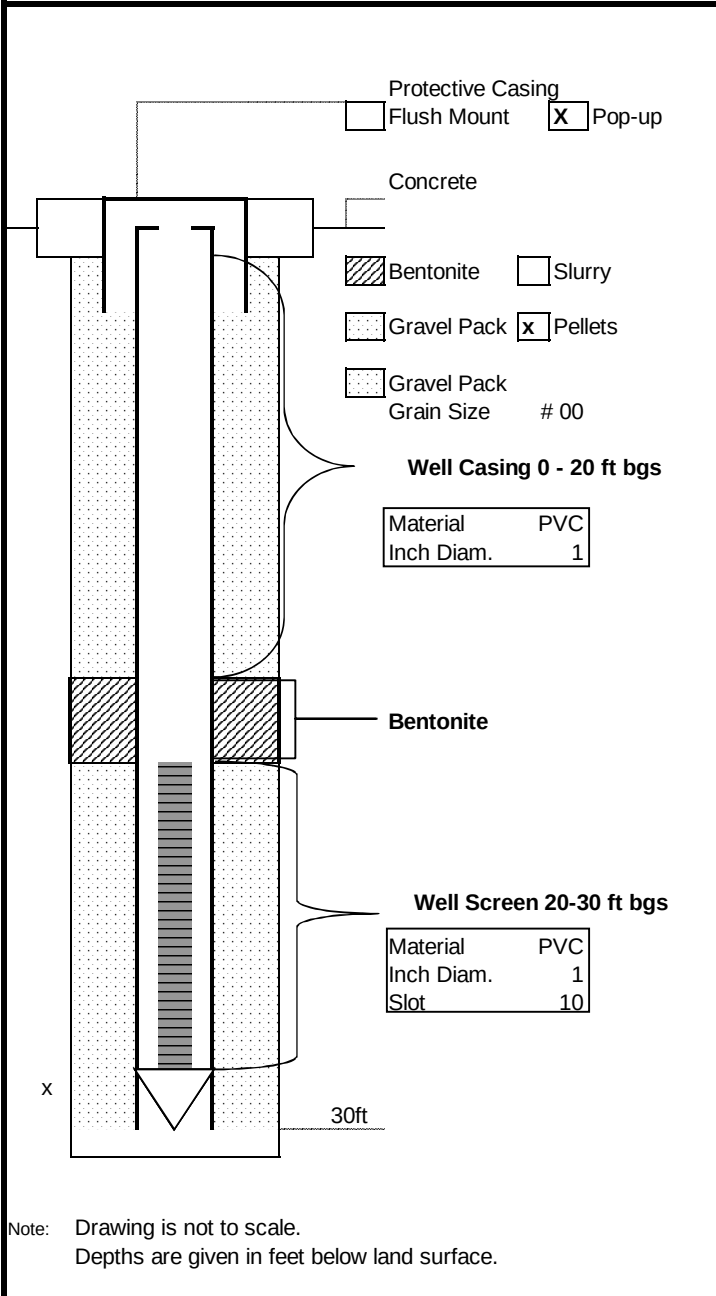
Company Name: EBC



GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW11D



Monitoring Well No.: MW11D

Project: 2401 Third Avenue, Bronx NY

Depth to Groundwater: 6.23' Date: 12/2/2015

Installation Depth: 30ft bg

Survey Point Elevation:

Installation Date: 11/24/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Thomas Gallo

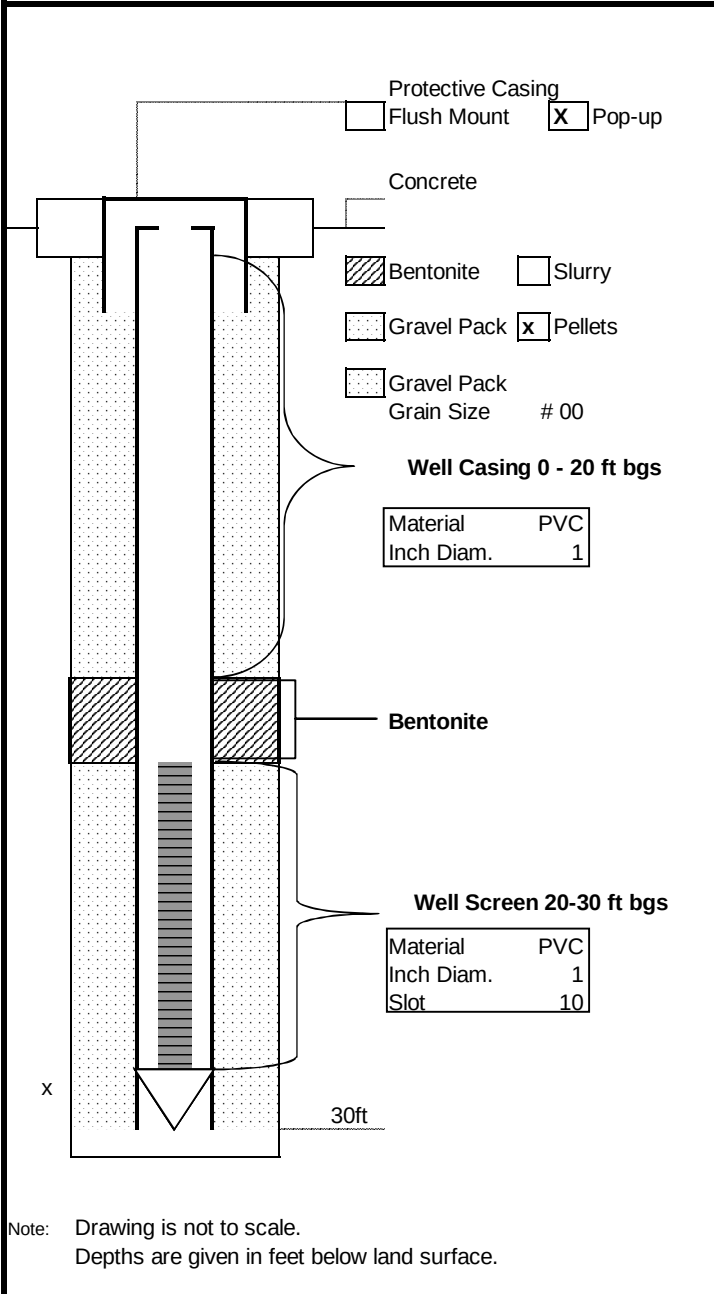
Company Name: EBC



GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW12D



Monitoring Well No.: MW12D

Project: 2401 Third Avenue, Bronx NY

Depth to Groundwater: 6.20' Date: 12/2/2015

Installation Depth: 30ft bg

Survey Point Elevation:

Installation Date: 11/24/2015

Drilling Contractor: C2 Environmental Corp

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

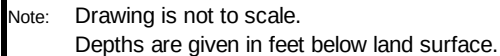
Hydrogeologist: Thomas Gallo

Company Name: EBC



CONSTRUCTION LOG

<u>Monitoring Well No.:</u>	MW13D		
<u>Project:</u>	2401 Third Avenue, Bronx NY		
<u>Depth to Groundwater:</u>	5.89'	<u>Date:</u>	12/2/2015
<u>Installation Depth:</u>	30ft bg		
<u>Survey Point Elevation:</u>			
<u>Installation Date:</u>	11/24/2015		
<u>Drilling Contractor:</u>	C2 Environmental Corp		
<u>Installation Method:</u>	Hollow Geoprobe Rods		
<u>Water Removed During Development:</u>			
<u>Hydrogeologist:</u>	Thomas Gallo		
<u>Company Name:</u>	EBC		



APPENDIX - C
Groundwater Sampling Logs



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: M103

Well Depth (from TOC):

Static Water Level (from TOC):

Height of Water in Well:

Gallons of Water per Well Volume:

Flow Rate: 500ml/min.

Date: 12-1-2015

Equipment: Peristaltic Pump & Hoses

Dr. H. T. G.

GROUNDWATER PURGE / SAMPLE LOGS

[illegible]

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



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MU13D

Well Depth (from TOC): 30

Static Water Level (from TOC): 5.89

Height of Water in Well: 24.11

Gallons of Water per Well Volume: 2.41

Flow Rate: 500ml/min.

GROUNDWATER PURGE / SAMPLE LOGS

Date: 12-1-2015

Equipment: Peristaltic Pump 3 Horiba

PR 3 TG

[illegible]



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: MW12DDate: 12/1/2015Well Depth (from TOC): 30Equipment: Peristaltic Pump & MonitorStatic Water Level (from TOC): 6.20Height of Water in Well: 23.8

PR #TG,

Gallons of Water per Well Volume: 2.38Flow Rate: 500ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
3:16	500ml/min	0	6.26	9.54	14.42	3.18	-49	1006	6.23	Turbid
3:19		0.5	6.27	8.10	15.29	1.77	-121	1000	5.08	Turbid
3:23		1	6.27	8.06	15.33	1.75	-122	1006	5.10	Turbid
3:28		1.5	6.26	8.16	15.33	1.72	-126	0.6	5.15	less Turbid
3:33		2	6.25	8.01	15.32	1.69	-124	0.6	5.04	less Turbid
3:38		2.5	6.24	8.08	15.35	1.66	-124	6.13	5.09	Clear
3:43		3	6.24	8.05	15.36	1.63	-121	2.65	5.06	
3:48		3.5	6.23	8.05	15.37	1.61	-119	2.06	5.08	
3:53		4	6.25	8.02	15.37	1.59	-118	19.3	5.06	↓
3:58		4.5	6.25	8.00	15.40	1.57	-117	80	5.04	
4:03		5	6.26	8.00	15.40	1.57	-117	50	5.05	
4:06		5.5	6.26	8.00	15.40	1.57	-117	41	5.05	↓
4:13		6	6.26	8.00	15.40	1.56	-117	40	5.06	

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW5

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:

PR, TG, DA

GROUNDWATER PURGE / SAMPLE LOGS

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
8:26	580ml/min	0	6.74	17.0	15.73	8.50	41	131	7.27	Turbid
8:23		0.5	6.19	5.24	16.36	6.25	10	639	3.70	Clear
8:28		1	6.01	9.87	16.17	7.06	-34	421	6.27	
8:33		1.5	6.06	10.5	15.89	6.47	-55	29.9	6.55	
8:38		2	6.10	11.5	15.99	6.04	-64	24.7	7.14	
8:43		2.5	6.07	11.8	15.99	5.83	-64	20.2	7.33	↓
8:48		3	6.07	12.4	16.05	4.90	-66	16.3	7.67	
8:53		3.5	6.06	12.7	16.22	4.59	-67	17.2	7.92	
8:58		4	6.06	13.2	16.35	4.32	-71	12.6	8.22	
9:03		4.5	6.08	13.3	16.38	4.20	-73	13.0	8.30	↘

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: MW2Date: 12/2/2015Well Depth (from TOC): 15Equipment: Peristaltic Pump & HosesStatic Water Level (from TOC): 5.45Height of Water in Well: 9.55

TG, PR, DA

Gallons of Water per Well Volume: 0.955Flow Rate: 500ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	TDS	Comments
10:12	500ml/min	0	5.70	19.9	14.51	2.84	-105	1000	12.1	Turbid
10:15		0.5	5.79	19.3	14.63	2.16	-128	716	11.4	Turbid
10:20		1	5.81	20.0	14.80	2.26	-145	548	12.4	Clear
10:25		1.5	5.85	19.6	14.85	2.43	-149	417	12.1	Clear
10:30		2	5.87	19.5	14.86	2.49	-150	151	12.0	Clear
10:35		2.5	5.86	19.3	14.89	2.55	-151	21.9	11.9	Clear
10:40		3	5.89	19.0	14.92	2.60	-151	7.7	11.8	Clear
10:45		3.5	5.90	18.8	14.95	2.61	-151	12.5	11.7	Clear
10:50		4	5.90	18.9	14.94	2.64	-151	3.1	11.7	Clear
10:55		4.5	5.90	18.9	14.95	2.64	-151	3.1	11.6	Clear

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MU4

Date: 12-2-2015

Well Depth (from TOC): 15

Equipment: Peristaltic Pump & Horia

Static Water Level (from TOC): 6.75

Height of Water in Well: 8.25

TG, PR, DA

Gallons of Water per Well Volume: 0.825

Flow Rate: 500ml/min.

[illegible]



ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER PURGE / SAMPLE LOGS

Well I.D.: M41

Date: 12-2-2015

Well Depth (from TOC): 15

Equipment: Peristaltic Pump & Horiba

Static Water Level (from TOC): 6.03

Height of Water in Well: 8.97

PR, TG, DA

Gallons of Water per Well Volume: 0.897

Flow Rate: ~~500~~ml/min.

[illegible]



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: mus7

Well Depth (from TOC):

Static Water Level (from TOC):

Height of Water in Well:

Gallons of Water per Well Volume:

Flow Rate: 500ml/min.

GROUNDWATER PURGE / SAMPLE LOGS

Date: 12-2-2015

Equipment: Peristaltic Pumps & Hohlbe

TG, PR, DA

[illegible]



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MU8

Date: 12/2/2015

Well Depth (from TOC): 15

Equipment: Crystalline Primer & Thorba

Static Water Level (from TOC): 5.49

Height of Water in Well: 9.51

Gallons of Water per Well Volume: 6.951

Flow Rate: 500ml/min.

GROUNDWATER PURGE / SAMPLE LOGS

[illegible]

Note 400 ml = 0.11 gallons



GROUNDWATER PURGE / SAMPLE LOGS

Date: 12-2-2015

Equipment: Peristaltic Pump & Hoxibea

TG, PR, DA

Height of Water in Well: 9.61

Gallons of Water per Well Volume: 0.961

Flow Rate: ~~500~~ml/min.

Note 400 ml = 0.11 gallons



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MU)9

Well Depth (from TOC): 15'

Static Water Level (from TOC): 5.91

Height of Water in Well: 9.09

Gallons of Water per Well Volume: 6.909

Flow Rate: 500ml/min.

GROUNDWATER PURGE / SAMPLE LOGS

Date: 12/2/2015

Equipment: Peristaltic Pump & Hoxruba

PR, TG, DA

[illegible]

Note 400 ml = 0.11 gallons



Well I.D.: Mus11D

Static Water Level (from TOC):

Gallons of Water per Well Volume:

500ml/min.

12-2-2015

Drump, Horia

* @ 1:26 toriba and tubing became clogged, disconnected toriba, cleaned and flushed unit with water and began running water through again and taking readings @ 1:36.

APPENDIX - D
Soil Vapor Sampling Logs

Signature: *[Signature]* Date: 12/3/2015

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040

Email: info@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-1102

Data Delivery:

☐ Fax #: _____
☒ Email: csosik@ebcincny.com

Report to: Greg Swirson
Address: EBC 1808 Middle Country Road
Project Mgr: _____
Phone #: _____

Invoice to: EBC
Address: 1808 Middle Country Rd, Ridge
P.O. #: _____
Quote #: _____

Project Name: 2401 3rd Ave
Location: Bronx
State: NY
Sampled by: PR3TG

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15	Is Canister Returned Unused? Y/N
LAB USE ONLY													MATRIX		ANALYSES			
32352	SG1	✓ 12854	6.0	-30	-3	5035	✓ 41.7	8:59	10:59	12/1/15	-30	-4	X			X		
32353	SG2	✓ 491	6.0	-30	-1	5673	✓ 41.7	8:55	11:00	12/1/15	-30	-4	X			X		
32354	SG3	✓ 464	6.0	-30	-3	4484	✓ 41.7	9:02	11:02	12/1/15	-30	-5	X			X		
32355	SG4	✓ 13647	6.0	-30	-4	3264	✓ 41.7	9:05	10:59	12/1/15	-30	-5	X			X		
	DID NOT WORK	✓ 455	6.0	-30		4980	✓ 41.7											
	DID NOT USE	✓ 12855	6.0	-30		4977	✓ 41.7											Y
32356	SG7	✓ 12871	6.0	-30	-5	5354	✓ 41.7	9:17	11:05	12/1/15	-30	-6	X			X		
32357	SG8	✓ 11257	6.0	-30	-4	5650	✓ 41.7	9:20	11:17	12/1/15	-28	-4	X			X		
32358	SG9	✓ 11290	6.0	-30	-3	5357	✓ 41.7	9:25	11:22	12/1/15	-30	-6	X			X		
	6L 2Hrs @																	

Relinquished by: <u>[Signature]</u>	Accepted by: <u>[Signature]</u>	Date: <u>12-4-15</u>	Time: <u>8:13</u>	Criteria Requested:	Deliverable:	Data Format:
					RCP ☐	Excel ☒ Equis ☒
					MCP ☐	PDF ☒ Other: ☒ ASP CAT B deliverables
				State where samples collected: <u>NY</u>	GISKey ☐	

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:

* Canister 455 had a starting pressure of -5. could not use

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: [Signature]

Date: 12/3/2015

Date: _____

APPENDIX - E
Laboratory Reports (On Disk)



Friday, December 18, 2015

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

Project ID: 2401 3RD AVE BRONX NY
Sample ID#s: BK28661 - BK28670

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.
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: 2401 3RD AVE BRONX NY
Laboratory Project: GBK28661



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK28661

Environmental Business Consultants 2401 3RD AVE BRONX 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.

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.

Total Cyanide

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



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NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK28661

Environmental Business Consultants 2401 3RD AVE BRONX NY

Sample Id Cross Reference

Client Id	Lab Id	Matrix
15 B1 0-2	BK28661	SOLID
15 B1 5-7	BK28662	SOLID
15 B2 6-8	BK28663	SOLID
15 B3 0-2	BK28664	SOLID
15 B3 5-7	BK28665	SOLID
15 B3 13-15	BK28666	SOLID
15 B4 0-2	BK28667	SOLID
15 B4 6-8	BK28668	SOLID
15 B4 10-12	BK28669	SOLID
15 B5 6-8	BK28670	SOLID



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NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK28661

Environmental Business Consultants 2401 3RD AVE BRONX NY

Laboratory Chronicle

The samples in this delivery group were received at 3°C.

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BK28661	1,4-dioxane	11/24/15	11/30/15	11/30/15	JLI	Y
BK28661	Aluminum	11/24/15	11/25/15	12/01/15	EK	Y
BK28661	Antimony	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Arsenic	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Barium	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Beryllium	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Cadmium	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Calcium	11/24/15	11/25/15	12/01/15	EK	Y
BK28661	Chromium	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Cobalt	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Copper	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Iron	11/24/15	11/25/15	12/01/15	EK	Y
BK28661	Lead	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Magnesium	11/24/15	11/25/15	12/01/15	EK	Y
BK28661	Manganese	11/24/15	11/25/15	12/01/15	EK	Y
BK28661	Mercury	11/24/15	12/01/15	12/01/15	RS	Y
BK28661	Nickel	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Pesticides - Soil	11/24/15	11/25/15	12/02/15	CE	Y
BK28661	Polychlorinated Biphenyls	11/24/15	11/25/15	11/30/15	AW	Y
BK28661	Potassium	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Selenium	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Semivolatiles	11/24/15	11/25/15	11/30/15	DD	Y
BK28661	Silver	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Sodium	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Thallium	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Total Cyanide (SW9010C Distill.)	11/24/15	11/25/15	11/25/15	O/GD	Y
BK28661	Vanadium	11/24/15	11/25/15	11/28/15	LK	Y
BK28661	Volatiles	11/24/15	11/30/15	11/30/15	JLI	Y
BK28661	Volatiles	11/24/15	11/30/15	11/30/15	JLI	Y
BK28661	Zinc	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	1,4-dioxane	11/24/15	11/28/15	11/28/15	JLI	Y
BK28662	Aluminum	11/24/15	11/25/15	11/28/15	LK	Y



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Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK28661

Environmental Business Consultants 2401 3RD AVE BRONX NY

BK28662	Antimony	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Arsenic	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Barium	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Beryllium	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Cadmium	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Calcium	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Chromium	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Cobalt	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Copper	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Iron	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Lead	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Magnesium	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Manganese	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Mercury	11/24/15	12/01/15	12/01/15	RS	Y
BK28662	Nickel	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Pesticides - Soil	11/24/15	11/25/15	11/30/15	CE	Y
BK28662	Polychlorinated Biphenyls	11/24/15	11/25/15	11/30/15	AW	Y
BK28662	Potassium	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Selenium	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Semivolatiles	11/24/15	11/25/15	11/26/15	DD	Y
BK28662	Silver	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Sodium	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Thallium	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Total Cyanide (SW9010C Distill.)	11/24/15	11/25/15	11/25/15	O/GD	Y
BK28662	Vanadium	11/24/15	11/25/15	11/28/15	LK	Y
BK28662	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28662	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28662	Zinc	11/24/15	11/25/15	11/28/15	LK	Y
BK28663	1,4-dioxane	11/24/15	11/28/15	11/28/15	JLI	Y
BK28663	Semivolatiles	11/24/15	11/25/15	11/26/15	DD	Y
BK28663	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28663	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28664	1,4-dioxane	11/24/15	11/30/15	11/30/15	JLI	Y
BK28664	Aluminum	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Antimony	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Arsenic	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Barium	11/24/15	11/25/15	11/28/15	LK	Y



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BK28664	Beryllium	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Cadmium	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Calcium	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Chromium	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Cobalt	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Copper	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Iron	11/24/15	11/25/15	12/01/15	EK	Y
BK28664	Lead	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Magnesium	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Manganese	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Mercury	11/24/15	12/01/15	12/01/15	RS	Y
BK28664	Nickel	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Pesticides - Soil	11/24/15	11/25/15	12/02/15	CE	Y
BK28664	Polychlorinated Biphenyls	11/24/15	11/25/15	12/01/15	AW	Y
BK28664	Potassium	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Selenium	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Semivolatiles	11/24/15	11/25/15	11/26/15	DD	Y
BK28664	Silver	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Sodium	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Thallium	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Total Cyanide (SW9010C Distill.)	11/24/15	11/25/15	11/25/15	O/GD	Y
BK28664	Vanadium	11/24/15	11/25/15	11/28/15	LK	Y
BK28664	Volatiles	11/24/15	11/30/15	11/30/15	JLI	Y
BK28664	Volatiles	11/24/15	11/30/15	11/30/15	JLI	Y
BK28664	Zinc	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	1,4-dioxane	11/24/15	11/28/15	11/28/15	JLI	Y
BK28665	Aluminum	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Antimony	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Arsenic	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Barium	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Beryllium	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Cadmium	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Calcium	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Chromium	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Cobalt	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Copper	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Iron	11/24/15	11/25/15	12/01/15	EK	Y



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BK28665	Lead	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Magnesium	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Manganese	11/24/15	11/25/15	12/01/15	EK	Y
BK28665	Mercury	11/24/15	12/01/15	12/01/15	RS	Y
BK28665	Nickel	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Pesticides - Soil	11/24/15	11/25/15	12/02/15	CE	Y
BK28665	Polychlorinated Biphenyls	11/24/15	11/25/15	11/30/15	AW	Y
BK28665	Potassium	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Selenium	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Semivolatiles	11/24/15	11/25/15	11/26/15	DD	Y
BK28665	Silver	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Sodium	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Thallium	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Total Cyanide (SW9010C Distill.)	11/24/15	11/30/15	11/30/15	O/GD	Y
BK28665	Vanadium	11/24/15	11/25/15	11/28/15	LK	Y
BK28665	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28665	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28665	Zinc	11/24/15	11/25/15	11/28/15	EK	Y
BK28666	1,4-dioxane	11/24/15	11/30/15	11/30/15	JLI	Y
BK28666	Semivolatiles	11/24/15	11/25/15	11/30/15	DD	Y
BK28666	Volatiles	11/24/15	11/30/15	11/30/15	JLI	Y
BK28666	Volatiles	11/24/15	11/30/15	11/30/15	JLI	Y
BK28667	1,4-dioxane	11/24/15	11/28/15	11/28/15	JLI	Y
BK28667	Aluminum	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Antimony	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Arsenic	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Barium	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Beryllium	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Cadmium	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Calcium	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Chromium	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Cobalt	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Copper	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Iron	11/24/15	11/25/15	12/01/15	EK	Y
BK28667	Lead	11/24/15	11/25/15	12/01/15	EK	Y
BK28667	Magnesium	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Manganese	11/24/15	11/25/15	11/28/15	LK	Y



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BK28667	Mercury	11/24/15	12/01/15	12/01/15	RS	Y
BK28667	Nickel	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Pesticides - Soil	11/24/15	11/25/15	12/02/15	CE	Y
BK28667	Polychlorinated Biphenyls	11/24/15	11/25/15	12/01/15	AW	Y
BK28667	Potassium	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Selenium	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Semivolatiles	11/24/15	11/25/15	11/26/15	DD	Y
BK28667	Silver	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Sodium	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Thallium	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Total Cyanide (SW9010C Distill.)	11/24/15	11/30/15	11/30/15	O/GD	Y
BK28667	Vanadium	11/24/15	11/25/15	11/28/15	LK	Y
BK28667	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28667	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28667	Zinc	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	1,4-dioxane	11/24/15	11/28/15	11/28/15	JLI	Y
BK28668	Aluminum	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Antimony	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Arsenic	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Barium	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Beryllium	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Cadmium	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Calcium	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Chromium	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Cobalt	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Copper	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Iron	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Lead	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Magnesium	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Manganese	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Mercury	11/24/15	12/01/15	12/01/15	RS	Y
BK28668	Nickel	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Pesticides - Soil	11/24/15	11/25/15	12/02/15	CE	Y
BK28668	Polychlorinated Biphenyls	11/24/15	11/25/15	12/01/15	AW	Y
BK28668	Potassium	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Selenium	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Semivolatiles	11/24/15	11/25/15	11/26/15	DD	Y



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BK28668	Silver	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Sodium	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Thallium	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Total Cyanide (SW9010C Distill.)	11/24/15	11/30/15	11/30/15	O/GD	Y
BK28668	Vanadium	11/24/15	11/25/15	11/28/15	LK	Y
BK28668	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28668	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28668	Zinc	11/24/15	11/25/15	11/28/15	LK	Y
BK28669	1,4-dioxane	11/24/15	11/28/15	11/28/15	JLI	Y
BK28669	Semivolatiles	11/24/15	11/25/15	11/26/15	DD	Y
BK28669	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28669	Volatiles	11/24/15	11/28/15	11/28/15	JLI	Y
BK28670	1,4-dioxane	11/24/15	11/30/15	11/30/15	J/P	Y
BK28670	Semivolatiles	11/24/15	11/25/15	11/26/15	DD	Y
BK28670	Volatiles	11/24/15	11/30/15	11/30/15	J/P	Y
BK28670	Volatiles	11/24/15	11/30/15	11/30/15	J/P	Y



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SDG Comments

December 18, 2015

SDG I.D.: GBK28661

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

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.



Environmental Laboratories, Inc.
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Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/24/15
11/25/15

Time

17:30

Laboratory Data

SDG ID: GBK28661
Phoenix ID: BK28661

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B1 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	1	11/28/15	LK	SW6010C
Aluminum	4390	* 360	72	mg/Kg	100	12/01/15	EK	SW6010C
Arsenic	3.7	0.7	0.72	mg/Kg	1	11/28/15	LK	SW6010C
Barium	38.0	0.7	0.36	mg/Kg	1	11/28/15	LK	SW6010C
Beryllium	0.23	B 0.29	0.14	mg/Kg	1	11/28/15	LK	SW6010C
Calcium	20500	* 360	330	mg/Kg	100	12/01/15	EK	SW6010C
Cadmium	1.23	0.36	0.14	mg/Kg	1	11/28/15	LK	SW6010C
Cobalt	22.1	0.36	0.36	mg/Kg	1	11/28/15	LK	SW6010C
Chromium	14.7	0.36	0.36	mg/Kg	1	11/28/15	LK	SW6010C
Copper	36.6	0.36	0.36	mg/kg	1	11/28/15	LK	SW6010C
Iron	73700	* 360	360	mg/Kg	100	12/01/15	EK	SW6010C
Mercury	0.04	0.03	0.02	mg/Kg	1	12/01/15	RS	SW7471B
Potassium	766	7	2.8	mg/Kg	1	11/28/15	LK	SW6010C
Magnesium	11300	* 360	360	mg/Kg	100	12/01/15	EK	SW6010C
Manganese	522	* 36	36	mg/Kg	100	12/01/15	EK	SW6010C
Sodium	1480	7	3.1	mg/Kg	1	11/28/15	LK	SW6010C
Nickel	26.5	0.36	0.36	mg/Kg	1	11/28/15	LK	SW6010C
Lead	76.0	* 0.7	0.36	mg/Kg	1	11/28/15	LK	SW6010C
Antimony	< 1.8	1.8	1.8	mg/Kg	1	11/28/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	11/28/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	11/28/15	LK	SW6010C
Vanadium	29.8	0.4	0.36	mg/Kg	1	11/28/15	LK	SW6010C
Zinc	29.6	0.7	0.36	mg/Kg	1	11/28/15	LK	SW6010C
Percent Solid	87			%		11/25/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.57	0.57	0.29	mg/Kg	1	11/25/15	O/GD	SW9012B
Soil Extraction for PCB	Completed					11/25/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/25/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/25/15	TV/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/01/15	W/W	SW7471B
Total Metals Digest	Completed					11/25/15	G/T	SW3050B
Field Extraction	Completed					11/24/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	38	38	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1221	ND	38	38	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1232	ND	38	38	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1242	ND	38	38	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1248	ND	38	38	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1254	ND	38	38	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1260	ND	38	38	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1262	ND	38	38	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1268	ND	38	38	ug/Kg	2	11/30/15	AW	SW8082A

QA/QC Surrogates

% DCBP	90			%	2	11/30/15	AW	30 - 150 %
% TCMX	76			%	2	11/30/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	9.5	9.5	ug/Kg	10	12/02/15	C/P	SW8081B
4,4' -DDE	ND	9.5	9.5	ug/Kg	10	12/02/15	C/P	SW8081B
4,4' -DDT	ND	9.5	9.5	ug/Kg	10	12/02/15	C/P	SW8081B
α-BHC	ND	9.5	9.5	ug/Kg	10	12/02/15	C/P	SW8081B
α-Chlordane	ND	19	19	ug/Kg	10	12/02/15	C/P	SW8081B
Aldrin	ND	4.9	4.9	ug/Kg	10	12/02/15	C/P	SW8081B
β-BHC	ND	9.5	9.5	ug/Kg	10	12/02/15	C/P	SW8081B
Chlordane	ND	190	190	ug/Kg	10	12/02/15	C/P	SW8081B
δ-BHC	ND	38	38	ug/Kg	10	12/02/15	C/P	SW8081B
Dieldrin	ND	4.9	4.9	ug/Kg	10	12/02/15	C/P	SW8081B
Endosulfan I	ND	38	38	ug/Kg	10	12/02/15	C/P	SW8081B
Endosulfan II	ND	38	38	ug/Kg	10	12/02/15	C/P	SW8081B
Endosulfan sulfate	ND	38	38	ug/Kg	10	12/02/15	C/P	SW8081B
Endrin	ND	9.5	9.5	ug/Kg	10	12/02/15	C/P	SW8081B
Endrin aldehyde	ND	38	38	ug/Kg	10	12/02/15	C/P	SW8081B
Endrin ketone	ND	38	38	ug/Kg	10	12/02/15	C/P	SW8081B
γ-BHC	ND	7.6	7.6	ug/Kg	10	12/02/15	C/P	SW8081B
γ-Chlordane	ND	19	19	ug/Kg	10	12/02/15	C/P	SW8081B
Heptachlor	ND	38	38	ug/Kg	10	12/02/15	C/P	SW8081B
Heptachlor epoxide	ND	38	38	ug/Kg	10	12/02/15	C/P	SW8081B
Methoxychlor	ND	190	190	ug/Kg	10	12/02/15	C/P	SW8081B
Toxaphene	ND	760	760	ug/Kg	10	12/02/15	C/P	SW8081B

QA/QC Surrogates

% DCBP	68			%	10	12/02/15	C/P	30 - 150 %
% TCMX	72			%	10	12/02/15	C/P	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	140	55	ug/Kg	50	11/30/15	J/P	SW8260C
1,1-Dichloroethene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
1,1-Dichloropropene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
1,2,4-Trimethylbenzene	100	J 270	27	ug/Kg	50	11/30/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
1,2-Dibromoethane	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
1,2-Dichloroethane	ND	27	27	ug/Kg	50	11/30/15	J/P	SW8260C
1,2-Dichloropropane	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
1,3,5-Trimethylbenzene	62	J 270	27	ug/Kg	50	11/30/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
1,3-Dichloropropane	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
2,2-Dichloropropane	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
2-Chlorotoluene	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
2-Hexanone	ND	1400	270	ug/Kg	50	11/30/15	J/P	SW8260C
2-Isopropyltoluene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
4-Chlorotoluene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
4-Methyl-2-pentanone	ND	1400	270	ug/Kg	50	11/30/15	J/P	SW8260C
Acetone	ND	270	270	ug/Kg	50	11/30/15	J/P	SW8260C
Acrylonitrile	ND	550	55	ug/Kg	50	11/30/15	J/P	SW8260C
Benzene	ND	55	27	ug/Kg	50	11/30/15	J/P	SW8260C
Bromobenzene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Bromochloromethane	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Bromodichloromethane	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
Bromoform	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
Bromomethane	ND	270	110	ug/Kg	50	11/30/15	J/P	SW8260C
Carbon Disulfide	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
Carbon tetrachloride	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
Chlorobenzene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Chloroethane	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Chloroform	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Chloromethane	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
cis-1,2-Dichloroethene	ND	140	27	ug/Kg	50	11/30/15	J/P	SW8260C
cis-1,3-Dichloropropene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Dibromochloromethane	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
Dibromomethane	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
Dichlorodifluoromethane	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Ethylbenzene	60	J 270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Hexachlorobutadiene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Isopropylbenzene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
m&p-Xylene	250	J 270	55	ug/Kg	50	11/30/15	J/P	SW8260C
Methyl Ethyl Ketone	ND	270	270	ug/Kg	50	11/30/15	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	550	55	ug/Kg	50	11/30/15	J/P	SW8260C
Methylene chloride	ND	270	270	ug/Kg	50	11/30/15	J/P	SW8260C
Naphthalene	2900	270	55	ug/Kg	50	11/30/15	J/P	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
n-Propylbenzene	ND	270	49	ug/Kg	50	11/30/15	J/P	SW8260C
o-Xylene	55	J 270	55	ug/Kg	50	11/30/15	J/P	SW8260C
p-Isopropyltoluene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
sec-Butylbenzene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Styrene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
tert-Butylbenzene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Tetrachloroethene	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
Tetrahydrofuran (THF)	ND	550	140	ug/Kg	50	11/30/15	J/P	SW8260C
Toluene	400	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
trans-1,2-Dichloroethene	ND	140	27	ug/Kg	50	11/30/15	J/P	SW8260C
trans-1,3-Dichloropropene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	550	140	ug/Kg	50	11/30/15	J/P	SW8260C
Trichloroethene	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Trichlorofluoromethane	ND	270	55	ug/Kg	50	11/30/15	J/P	SW8260C
Trichlorotrifluoroethane	ND	270	27	ug/Kg	50	11/30/15	J/P	SW8260C
Vinyl chloride	ND	27	27	ug/Kg	50	11/30/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	50	11/30/15	J/P	70 - 130 %
% Bromofluorobenzene	97			%	50	11/30/15	J/P	70 - 130 %
% Dibromofluoromethane	96			%	50	11/30/15	J/P	70 - 130 %
% Toluene-d8	98			%	50	11/30/15	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2200	2200	ug/kg	50	11/30/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	50	11/30/15	J/P	70 - 130 %
% Bromofluorobenzene	97			%	50	11/30/15	J/P	70 - 130 %
% Toluene-d8	98			%	50	11/30/15	J/P	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1100	55	ug/Kg	50	11/30/15	JLI	SW8260C
Acrolein	ND	1100	140	ug/Kg	50	11/30/15	JLI	SW8260C
Acrylonitrile	ND	1100	27	ug/Kg	50	11/30/15	JLI	SW8260C
Tert-butyl alcohol	ND	5500	1100	ug/Kg	50	11/30/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/30/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	1	11/30/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	94	ug/Kg	1	11/30/15	DD	SW8270D
2,4-Dinitrophenol	ND	760	260	ug/Kg	1	11/30/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	11/30/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
2-Methylnaphthalene	1900	260	110	ug/Kg	1	11/30/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	11/30/15	DD	SW8270D
2-Nitroaniline	ND	760	380	ug/Kg	1	11/30/15	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	11/30/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/30/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	1	11/30/15	DD	SW8270D
3-Nitroaniline	ND	760	760	ug/Kg	1	11/30/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	1	11/30/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
4-Chloroaniline	ND	300	180	ug/Kg	1	11/30/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
4-Nitroaniline	ND	760	130	ug/Kg	1	11/30/15	DD	SW8270D
4-Nitrophenol	ND	380	170	ug/Kg	1	11/30/15	DD	SW8270D
Acenaphthene	2200	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Acenaphthylene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/30/15	DD	SW8270D
Anthracene	1600	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Benz(a)anthracene	630	260	130	ug/Kg	1	11/30/15	DD	SW8270D
Benzidine	ND	760	220	ug/Kg	1	11/30/15	DD	SW8270D
Benzo(a)pyrene	300	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Benzo(b)fluoranthene	330	260	130	ug/Kg	1	11/30/15	DD	SW8270D
Benzo(ghi)perylene	800	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Benzo(k)fluoranthene	180	260	130	ug/Kg	1	11/30/15	DD	SW8270D
Benzoic acid	ND	1900	760	ug/Kg	1	11/30/15	DD	SW8270D
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	11/30/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Carbazole	ND	1900	290	ug/Kg	1	11/30/15	DD	SW8270D
Chrysene	710	260	130	ug/Kg	1	11/30/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Dibenzofuran	990	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Di-n-butylphthalate	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
Di-n-octylphthalate	ND	260	97	ug/Kg	1	11/30/15	DD	SW8270D
Fluoranthene	3200	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Fluorene	1400	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	11/30/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D

1

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	680	260	130	ug/Kg	1	11/30/15	DD	SW8270D
Isophorone	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/30/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/30/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	11/30/15	DD	SW8270D
Phenanthrene	5400	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Pyrene	2800	260	130	ug/Kg	1	11/30/15	DD	SW8270D
Pyridine	ND	260	93	ug/Kg	1	11/30/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	79			%	1	11/30/15	DD	30 - 130 %
% 2-Fluorobiphenyl	67			%	1	11/30/15	DD	30 - 130 %
% 2-Fluorophenol	47			%	1	11/30/15	DD	30 - 130 %
% Nitrobenzene-d5	65			%	1	11/30/15	DD	30 - 130 %
% Phenol-d5	60			%	1	11/30/15	DD	30 - 130 %
% Terphenyl-d14	62			%	1	11/30/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/30/15	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:

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

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

Pesticide Comment:

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

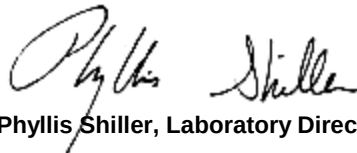
Volatile Comment:

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.

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

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Phyllis Shiller, Laboratory Director

December 18, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/24/15
11/25/15

Time

17:30

Laboratory Data

SDG ID: GBK28661
Phoenix ID: BK28662

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B1 5-7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.39	0.39	0.39	mg/Kg	1	11/28/15	LK	SW6010C
Aluminum	10300	* 39	7.8	mg/Kg	10	11/28/15	LK	SW6010C
Arsenic	7.7	0.8	0.78	mg/Kg	1	11/28/15	LK	SW6010C
Barium	33.9	0.8	0.39	mg/Kg	1	11/28/15	LK	SW6010C
Beryllium	0.50	0.31	0.16	mg/Kg	1	11/28/15	LK	SW6010C
Calcium	26800	* 39	36	mg/Kg	10	11/28/15	LK	SW6010C
Cadmium	1.00	0.39	0.16	mg/Kg	1	11/28/15	LK	SW6010C
Cobalt	34.3	0.39	0.39	mg/Kg	1	11/28/15	LK	SW6010C
Chromium	22.5	0.39	0.39	mg/Kg	1	11/28/15	LK	SW6010C
Copper	33.8	0.39	0.39	mg/kg	1	11/28/15	LK	SW6010C
Iron	69000	* 39	39	mg/Kg	10	11/28/15	LK	SW6010C
Mercury	0.04	0.03	0.02	mg/Kg	1	12/01/15	RS	SW7471B
Potassium	3160	8	3.1	mg/Kg	1	11/28/15	LK	SW6010C
Magnesium	19600	* 39	39	mg/Kg	10	11/28/15	LK	SW6010C
Manganese	970	* 3.9	3.9	mg/Kg	10	11/28/15	LK	SW6010C
Sodium	3150	8	3.4	mg/Kg	1	11/28/15	LK	SW6010C
Nickel	36.0	0.39	0.39	mg/Kg	1	11/28/15	LK	SW6010C
Lead	60.8	* 0.8	0.39	mg/Kg	1	11/28/15	LK	SW6010C
Antimony	< 2.0	2.0	2.0	mg/Kg	1	11/28/15	LK	SW6010C
Selenium	< 1.6	1.6	1.3	mg/Kg	1	11/28/15	LK	SW6010C
Thallium	< 1.6	1.6	1.6	mg/Kg	1	11/28/15	LK	SW6010C
Vanadium	36.9	0.4	0.39	mg/Kg	1	11/28/15	LK	SW6010C
Zinc	50.6	0.8	0.39	mg/Kg	1	11/28/15	LK	SW6010C
Percent Solid	83			%		11/25/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.60	0.60	0.30	mg/Kg	1	11/25/15	O/GD	SW9012B
Soil Extraction for PCB	Completed					11/25/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/25/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/25/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/01/15	W/W	SW7471B
Total Metals Digest	Completed					11/25/15	G/T	SW3050B
Field Extraction	Completed					11/24/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	40	40	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1221	ND	40	40	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1232	ND	40	40	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1242	ND	40	40	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1248	ND	40	40	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1254	ND	40	40	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1260	ND	40	40	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1262	ND	40	40	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1268	ND	40	40	ug/Kg	2	11/30/15	AW	SW8082A

QA/QC Surrogates

% DCBP	77			%	2	11/30/15	AW	30 - 150 %
% TCMX	74			%	2	11/30/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	11/30/15	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	11/30/15	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	11/30/15	CE	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	11/30/15	CE	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	11/30/15	CE	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	11/30/15	CE	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	11/30/15	CE	SW8081B
Chlordane	ND	40	40	ug/Kg	2	11/30/15	CE	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	11/30/15	CE	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	11/30/15	CE	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	11/30/15	CE	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	11/30/15	CE	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	11/30/15	CE	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	11/30/15	CE	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	11/30/15	CE	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	11/30/15	CE	SW8081B
g-BHC	ND	3.0	3.0	ug/Kg	2	11/30/15	CE	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	11/30/15	CE	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	11/30/15	CE	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	11/30/15	CE	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	11/30/15	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/30/15	CE	SW8081B

QA/QC Surrogates

% DCBP	76			%	2	11/30/15	CE	30 - 150 %
% TCMX	64			%	2	11/30/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
2-Chlorotoluene	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
2-Hexanone	ND	27	5.3	ug/Kg	1	11/28/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
4-Chlorotoluene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	5.3	ug/Kg	1	11/28/15	JLI	SW8260C
Acetone	10	JS 50	5.3	ug/Kg	1	11/28/15	JLI	SW8260C
Acrylonitrile	ND	11	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Benzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Bromobenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Bromochloromethane	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Bromodichloromethane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Bromoform	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Bromomethane	ND	5.3	2.1	ug/Kg	1	11/28/15	JLI	SW8260C
Carbon Disulfide	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Carbon tetrachloride	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Chlorobenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Chloroethane	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Chloroform	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Chloromethane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Dibromochloromethane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Dibromomethane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Ethylbenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Isopropylbenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
m&p-Xylene	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	5.3	ug/Kg	1	11/28/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Methylene chloride	ND	5.3	5.3	ug/Kg	1	11/28/15	JLI	SW8260C
Naphthalene	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
n-Propylbenzene	ND	5.3	0.95	ug/Kg	1	11/28/15	JLI	SW8260C
o-Xylene	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
sec-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Styrene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
tert-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Tetrachloroethene	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	2.7	ug/Kg	1	11/28/15	JLI	SW8260C
Toluene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	2.7	ug/Kg	1	11/28/15	JLI	SW8260C
Trichloroethene	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.3	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Vinyl chloride	ND	5.3	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/28/15	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	11/28/15	JLI	70 - 130 %
% Dibromofluoromethane	98			%	1	11/28/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/28/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	42	ug/kg	1	11/28/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	1	11/28/15	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	11/28/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/28/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	21	1.1	ug/Kg	1	11/28/15	JLI	SW8260C
Acrolein	ND	21	2.7	ug/Kg	1	11/28/15	JLI	SW8260C
Acrylonitrile	ND	21	0.53	ug/Kg	1	11/28/15	JLI	SW8260C
Tert-butyl alcohol	ND	110	21	ug/Kg	1	11/28/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/30/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/26/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dinitrophenol	ND	790	280	ug/Kg	1	11/26/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	11/26/15	DD	SW8270D
2,6-Dinitrotoluene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitroaniline	ND	790	400	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/26/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/26/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	790	190	ug/Kg	1	11/26/15	DD	SW8270D
3-Nitroaniline	ND	790	790	ug/Kg	1	11/26/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2000	420	ug/Kg	1	11/26/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloroaniline	ND	320	180	ug/Kg	1	11/26/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitroaniline	ND	790	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitrophenol	ND	390	180	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/26/15	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzidine	ND	790	230	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(a)pyrene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(b)fluoranthene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzoic acid	ND	2000	790	ug/Kg	1	11/26/15	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Carbazole	ND	2000	300	ug/Kg	1	11/26/15	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Diethyl phthalate	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-butylphthalate	ND	280	100	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/26/15	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Hexachloroethane	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D

1

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Isophorone	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Nitrobenzene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Pentachlorophenol	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
Pyridine	ND	280	97	ug/Kg	1	11/26/15	DD	SW8270D

QA/QC Surrogates

% 2,4,6-Tribromophenol	71		%	1	11/26/15	DD	30 - 130 %
% 2-Fluorobiphenyl	68		%	1	11/26/15	DD	30 - 130 %
% 2-Fluorophenol	58		%	1	11/26/15	DD	30 - 130 %
% Nitrobenzene-d5	63		%	1	11/26/15	DD	30 - 130 %
% Phenol-d5	69		%	1	11/26/15	DD	30 - 130 %
% Terphenyl-d14	78		%	1	11/26/15	DD	30 - 130 %

SVOA Library Search Top 25

Completed

11/30/15

DD

1

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

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

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

Comments:

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

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

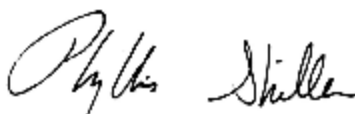
Pesticide Comment:

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.

S - Laboratory solvent, contamination is possible.

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

December 18, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/24/15
11/25/15 17:30

Laboratory Data

SDG ID: GBK28661
Phoenix ID: BK28663

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B2 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	72			%		11/25/15	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/25/15	BJ/CKV	SW3545A
Field Extraction	Completed					11/24/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
2-Chlorotoluene	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C
2-Hexanone	ND	26	5.1	ug/Kg	1	11/28/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	1
4-Chlorotoluene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	26	5.1	ug/Kg	1	11/28/15	JLI	SW8260C	
Acetone	ND	50	5.1	ug/Kg	1	11/28/15	JLI	SW8260C	
Acrylonitrile	ND	10	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
Benzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Bromobenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Bromochloromethane	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Bromodichloromethane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
Bromoform	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
Bromomethane	ND	5.1	2.1	ug/Kg	1	11/28/15	JLI	SW8260C	
Carbon Disulfide	2.8	J 5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
Carbon tetrachloride	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
Chlorobenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Chloroethane	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Chloroform	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Chloromethane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Dibromochloromethane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
Dibromomethane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Ethylbenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Hexachlorobutadiene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Isopropylbenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
m&p-Xylene	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	31	5.1	ug/Kg	1	11/28/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
Methylene chloride	ND	5.1	5.1	ug/Kg	1	11/28/15	JLI	SW8260C	
Naphthalene	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
n-Butylbenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
n-Propylbenzene	ND	5.1	0.93	ug/Kg	1	11/28/15	JLI	SW8260C	
o-Xylene	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Styrene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Tetrachloroethene	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	11/28/15	JLI	SW8260C	1
Toluene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	11/28/15	JLI	SW8260C	
Trichloroethene	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.1	1.0	ug/Kg	1	11/28/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
Vinyl chloride	ND	5.1	0.51	ug/Kg	1	11/28/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	97			%	1	11/28/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	100			%	1	11/28/15	JLI	70 - 130 %
% Dibromofluoromethane	108			%	1	11/28/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/28/15	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	100	41	ug/kg	1	11/28/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	97			%	1	11/28/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/28/15	JLI	70 - 130 %
% Toluene-d8	100			%	1	11/28/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	21	1.0	ug/Kg	1	11/28/15	JLI	SW8260C
Acrolein	ND	21	2.6	ug/Kg	1	11/28/15	JLI	SW8260C
Acrylonitrile	ND	21	0.51	ug/Kg	1	11/28/15	JLI	SW8260C
Tert-butyl alcohol	35	J 100	21	ug/Kg	1	11/28/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 11/30/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	320	160	ug/Kg	1	11/26/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	320	140	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Dichlorobenzene	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
1,3-Dichlorobenzene	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
1,4-Dichlorobenzene	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	320	250	ug/Kg	1	11/26/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	320	140	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dichlorophenol	ND	320	160	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dimethylphenol	ND	320	110	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dinitrophenol	ND	900	320	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dinitrotoluene	ND	320	180	ug/Kg	1	11/26/15	DD	SW8270D
2,6-Dinitrotoluene	ND	320	140	ug/Kg	1	11/26/15	DD	SW8270D
2-Chloronaphthalene	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
2-Chlorophenol	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylnaphthalene	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	320	210	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitroaniline	ND	900	460	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitrophenol	ND	320	290	ug/Kg	1	11/26/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	320	180	ug/Kg	1	11/26/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	900	210	ug/Kg	1	11/26/15	DD	SW8270D
3-Nitroaniline	ND	900	900	ug/Kg	1	11/26/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2300	490	ug/Kg	1	11/26/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	320	160	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloroaniline	ND	360	210	ug/Kg	1	11/26/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitroaniline	ND	900	150	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitrophenol	ND	450	200	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthene	ND	320	140	ug/Kg	1	11/26/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
Acetophenone	ND	320	140	ug/Kg	1	11/26/15	DD	SW8270D
Aniline	ND	360	360	ug/Kg	1	11/26/15	DD	SW8270D
Anthracene	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
Benz(a)anthracene	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
Benzidine	ND	900	270	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(a)pyrene	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(b)fluoranthene	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(ghi)perylene	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(k)fluoranthene	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
Benzoic acid	ND	2300	900	ug/Kg	1	11/26/15	DD	SW8270D
Benzyl butyl phthalate	ND	320	120	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	320	120	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	320	120	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
Carbazole	ND	2300	340	ug/Kg	1	11/26/15	DD	SW8270D
Chrysene	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
Dibenzofuran	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
Diethyl phthalate	ND	320	140	ug/Kg	1	11/26/15	DD	SW8270D
Dimethylphthalate	ND	320	140	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-butylphthalate	130	JB 320	120	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-octylphthalate	ND	320	120	ug/Kg	1	11/26/15	DD	SW8270D
Fluoranthene	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
Fluorene	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobenzene	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobutadiene	ND	320	160	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	320	140	ug/Kg	1	11/26/15	DD	SW8270D
Hexachloroethane	ND	320	140	ug/Kg	1	11/26/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
Isophorone	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
Naphthalene	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
Nitrobenzene	ND	320	160	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodimethylamine	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	320	150	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	320	170	ug/Kg	1	11/26/15	DD	SW8270D
Pentachloronitrobenzene	ND	320	170	ug/Kg	1	11/26/15	DD	SW8270D
Pentachlorophenol	ND	320	170	ug/Kg	1	11/26/15	DD	SW8270D
Phenanthrene	ND	320	130	ug/Kg	1	11/26/15	DD	SW8270D
Phenol	ND	320	140	ug/Kg	1	11/26/15	DD	SW8270D
Pyrene	ND	320	160	ug/Kg	1	11/26/15	DD	SW8270D
Pyridine	ND	320	110	ug/Kg	1	11/26/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	75			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorobiphenyl	67			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorophenol	63			%	1	11/26/15	DD	30 - 130 %
% Nitrobenzene-d5	63			%	1	11/26/15	DD	30 - 130 %
% Phenol-d5	71			%	1	11/26/15	DD	30 - 130 %

1

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	89			%	1	11/26/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/30/15	DD	1

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.

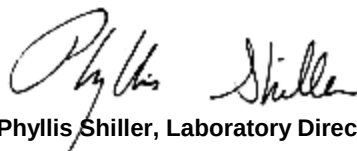
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine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

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

December 18, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/24/15
11/25/15 17:30

Laboratory Data

SDG ID: GBK28661
Phoenix ID: BK28664

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B3 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34	0.34	mg/Kg	1	11/28/15	LK	SW6010C
Aluminum	5030	* 34	6.9	mg/Kg	10	11/28/15	LK	SW6010C
Arsenic	19.5	0.7	0.69	mg/Kg	1	11/28/15	LK	SW6010C
Barium	43.4	0.7	0.34	mg/Kg	1	11/28/15	LK	SW6010C
Beryllium	0.18	B 0.28	0.14	mg/Kg	1	11/28/15	LK	SW6010C
Calcium	3000	* 3.4	3.2	mg/Kg	1	11/28/15	LK	SW6010C
Cadmium	3.41	0.34	0.14	mg/Kg	1	11/28/15	LK	SW6010C
Cobalt	37.2	0.34	0.34	mg/Kg	1	11/28/15	LK	SW6010C
Chromium	25.3	0.34	0.34	mg/Kg	1	11/28/15	LK	SW6010C
Copper	72.6	0.34	0.34	mg/kg	1	11/28/15	LK	SW6010C
Iron	193000	* 340	340	mg/Kg	100	12/01/15	EK	SW6010C
Mercury	0.31	0.03	0.02	mg/Kg	1	12/01/15	RS	SW7471B
Potassium	647	7	2.7	mg/Kg	1	11/28/15	LK	SW6010C
Magnesium	1110	* 3.4	3.4	mg/Kg	1	11/28/15	LK	SW6010C
Manganese	1030	* 3.4	3.4	mg/Kg	10	11/28/15	LK	SW6010C
Sodium	144	7	3.0	mg/Kg	1	11/28/15	LK	SW6010C
Nickel	36.8	0.34	0.34	mg/Kg	1	11/28/15	LK	SW6010C
Lead	282	* 6.9	3.4	mg/Kg	10	11/28/15	LK	SW6010C
Antimony	< 1.7	1.7	1.7	mg/Kg	1	11/28/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	11/28/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	11/28/15	LK	SW6010C
Vanadium	73.3	0.3	0.34	mg/Kg	1	11/28/15	LK	SW6010C
Zinc	89.1	0.7	0.34	mg/Kg	1	11/28/15	LK	SW6010C
Percent Solid	92			%		11/25/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.46	0.46	0.23	mg/Kg	1	11/25/15	O/GD	SW9012B
Soil Extraction for PCB	Completed					11/25/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/25/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/25/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/01/15	W/W	SW7471B
Total Metals Digest	Completed					11/25/15	G/T	SW3050B
Field Extraction	Completed					11/24/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A

QA/QC Surrogates

% DCBP	79			%	2	12/01/15	AW	30 - 150 %
% TCMX	77			%	2	12/01/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.1	2.1	ug/Kg	2	12/02/15	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	12/02/15	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	12/02/15	CE	SW8081B
a-BHC	ND	7.1	7.1	ug/Kg	2	12/02/15	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	12/02/15	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	12/02/15	CE	SW8081B
b-BHC	ND	7.1	7.1	ug/Kg	2	12/02/15	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	12/02/15	CE	SW8081B
d-BHC	ND	7.1	7.1	ug/Kg	2	12/02/15	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan I	ND	7.1	7.1	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan II	ND	7.1	7.1	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan sulfate	ND	7.1	7.1	ug/Kg	2	12/02/15	CE	SW8081B
Endrin	ND	7.1	7.1	ug/Kg	2	12/02/15	CE	SW8081B
Endrin aldehyde	ND	7.1	7.1	ug/Kg	2	12/02/15	CE	SW8081B
Endrin ketone	ND	7.1	7.1	ug/Kg	2	12/02/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	12/02/15	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	12/02/15	CE	SW8081B
Heptachlor	ND	7.1	7.1	ug/Kg	2	12/02/15	CE	SW8081B
Heptachlor epoxide	ND	7.1	7.1	ug/Kg	2	12/02/15	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	12/02/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	12/02/15	CE	SW8081B

QA/QC Surrogates

% DCBP	74			%	2	12/02/15	CE	30 - 150 %
% TCMX	88			%	2	12/02/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
1,1-Dichloroethene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
1,1-Dichloropropene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
1,2,4-Trimethylbenzene	63	J 180	18	ug/Kg	50	11/30/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
1,2-Dibromoethane	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
1,2-Dichloroethane	ND	18	18	ug/Kg	50	11/30/15	J/P	SW8260C
1,2-Dichloropropane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
1,3,5-Trimethylbenzene	50	J 180	18	ug/Kg	50	11/30/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
1,3-Dichloropropane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
2,2-Dichloropropane	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
2-Chlorotoluene	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
2-Hexanone	ND	900	180	ug/Kg	50	11/30/15	J/P	SW8260C
2-Isopropyltoluene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
4-Chlorotoluene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
4-Methyl-2-pentanone	ND	900	180	ug/Kg	50	11/30/15	J/P	SW8260C
Acetone	ND	180	180	ug/Kg	50	11/30/15	J/P	SW8260C
Acrylonitrile	ND	360	36	ug/Kg	50	11/30/15	J/P	SW8260C
Benzene	23	J 58	18	ug/Kg	50	11/30/15	J/P	SW8260C
Bromobenzene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Bromochloromethane	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Bromodichloromethane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
Bromoform	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
Bromomethane	ND	180	72	ug/Kg	50	11/30/15	J/P	SW8260C
Carbon Disulfide	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
Carbon tetrachloride	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
Chlorobenzene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Chloroethane	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Chloroform	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Chloromethane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
cis-1,2-Dichloroethene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
cis-1,3-Dichloropropene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Dibromochloromethane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
Dibromomethane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
Dichlorodifluoromethane	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Ethylbenzene	39	J 180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Hexachlorobutadiene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Isopropylbenzene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
m&p-Xylene	60	J 180	36	ug/Kg	50	11/30/15	J/P	SW8260C
Methyl Ethyl Ketone	ND	180	180	ug/Kg	50	11/30/15	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	360	36	ug/Kg	50	11/30/15	J/P	SW8260C
Methylene chloride	ND	180	180	ug/Kg	50	11/30/15	J/P	SW8260C
Naphthalene	56	J 180	36	ug/Kg	50	11/30/15	J/P	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
n-Propylbenzene	ND	180	32	ug/Kg	50	11/30/15	J/P	SW8260C
o-Xylene	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
p-Isopropyltoluene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
sec-Butylbenzene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Styrene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
tert-Butylbenzene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Tetrachloroethene	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
Tetrahydrofuran (THF)	ND	360	90	ug/Kg	50	11/30/15	J/P	SW8260C
Toluene	54	J 180	18	ug/Kg	50	11/30/15	J/P	SW8260C
trans-1,2-Dichloroethene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
trans-1,3-Dichloropropene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	360	90	ug/Kg	50	11/30/15	J/P	SW8260C
Trichloroethene	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Trichlorofluoromethane	ND	180	36	ug/Kg	50	11/30/15	J/P	SW8260C
Trichlorotrifluoroethane	ND	180	18	ug/Kg	50	11/30/15	J/P	SW8260C
Vinyl chloride	ND	18	18	ug/Kg	50	11/30/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	50	11/30/15	J/P	70 - 130 %
% Bromofluorobenzene	107			%	50	11/30/15	J/P	70 - 130 %
% Dibromofluoromethane	97			%	50	11/30/15	J/P	70 - 130 %
% Toluene-d8	99			%	50	11/30/15	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	1400	1400	ug/kg	50	11/30/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	50	11/30/15	J/P	70 - 130 %
% Bromofluorobenzene	107			%	50	11/30/15	J/P	70 - 130 %
% Toluene-d8	99			%	50	11/30/15	J/P	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	720	36	ug/Kg	50	11/30/15	JLI	SW8260C
Acrolein	ND	720	90	ug/Kg	50	11/30/15	JLI	SW8260C
Acrylonitrile	ND	720	18	ug/Kg	50	11/30/15	JLI	SW8260C
Tert-butyl alcohol	ND	3600	720	ug/Kg	50	11/30/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					12/01/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/26/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/26/15	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/26/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dichlorophenol	ND	250	130	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dinitrophenol	ND	720	250	ug/Kg	1	11/26/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	11/26/15	DD	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitroaniline	ND	720	360	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/26/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/26/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	1	11/26/15	DD	SW8270D
3-Nitroaniline	ND	720	720	ug/Kg	1	11/26/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	1	11/26/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/26/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitroaniline	ND	720	120	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/26/15	DD	SW8270D
Anthracene	220	J 250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benz(a)anthracene	480	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzidine	ND	720	210	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(a)pyrene	400	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(b)fluoranthene	330	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(ghi)perylene	220	J 250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(k)fluoranthene	330	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzoic acid	ND	1800	720	ug/Kg	1	11/26/15	DD	SW8270D
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Carbazole	ND	1800	270	ug/Kg	1	11/26/15	DD	SW8270D
Chrysene	470	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-butylphthalate	110	JB 250	95	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-octylphthalate	ND	250	92	ug/Kg	1	11/26/15	DD	SW8270D
Fluoranthene	1100	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobenzene	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D

1

1

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	230	J 250	120	ug/Kg	1	11/26/15	DD	SW8270D
Isophorone	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Nitrobenzene	ND	250	130	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/26/15	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/26/15	DD	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	1	11/26/15	DD	SW8270D
Phenanthrene	790	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Pyrene	970	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Pyridine	ND	250	88	ug/Kg	1	11/26/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	80			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorobiphenyl	77			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorophenol	67			%	1	11/26/15	DD	30 - 130 %
% Nitrobenzene-d5	66			%	1	11/26/15	DD	30 - 130 %
% Phenol-d5	75			%	1	11/26/15	DD	30 - 130 %
% Terphenyl-d14	91			%	1	11/26/15	DD	30 - 130 %

SVOA Library Search Top 25

Completed

11/30/15

DD

1

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.

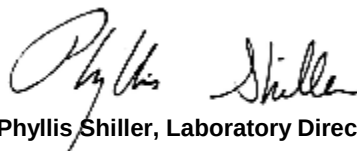
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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.

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

December 18, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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

Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/24/15
11/25/15 17:30

Laboratory Data

SDG ID: GBK28661
Phoenix ID: BK28665

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B3 5-7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.41	0.41	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Aluminum	3260	* 41	8.2	mg/Kg	10	11/28/15	LK	SW6010C
Arsenic	33.5	0.8	0.82	mg/Kg	1	11/28/15	LK	SW6010C
Barium	21.0	0.8	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Beryllium	< 0.33	0.33	0.16	mg/Kg	1	11/28/15	LK	SW6010C
Calcium	5910	* 4.1	3.8	mg/Kg	1	11/28/15	LK	SW6010C
Cadmium	4.01	0.41	0.16	mg/Kg	1	11/28/15	LK	SW6010C
Cobalt	92.7	0.41	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Chromium	69.6	0.41	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Copper	194	4.1	4.1	mg/kg	10	11/28/15	LK	SW6010C
Iron	222000	* 410	410	mg/Kg	100	12/01/15	EK	SW6010C
Mercury	< 0.03	0.03	0.02	mg/Kg	1	12/01/15	RS	SW7471B
Potassium	376	8	3.2	mg/Kg	1	11/28/15	LK	SW6010C
Magnesium	2250	* 4.1	4.1	mg/Kg	1	11/28/15	LK	SW6010C
Manganese	2750	* 41	41	mg/Kg	100	12/01/15	EK	SW6010C
Sodium	889	8	3.5	mg/Kg	1	11/28/15	LK	SW6010C
Nickel	143	0.41	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Lead	16.1	* 0.8	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Antimony	< 2.1	2.1	2.1	mg/Kg	1	11/28/15	LK	SW6010C
Selenium	< 1.6	1.6	1.4	mg/Kg	1	11/28/15	LK	SW6010C
Thallium	< 1.6	1.6	1.6	mg/Kg	1	11/28/15	LK	SW6010C
Vanadium	92.8	0.4	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Zinc	< 8.2	8.2	4.1	mg/Kg	10	11/28/15	EK	SW6010C
Percent Solid	82			%		11/25/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.55	0.55	0.28	mg/Kg	1	11/30/15	O/GD	SW9012B
Soil Extraction for PCB	Completed					11/25/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/25/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/25/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/01/15	W/W	SW7471B
Total Metals Digest	Completed					11/25/15	G/T	SW3050B
Field Extraction	Completed					11/24/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	39	39	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1221	ND	39	39	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1232	ND	39	39	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1242	ND	39	39	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1248	ND	39	39	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1254	ND	39	39	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1260	ND	39	39	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1262	ND	39	39	ug/Kg	2	11/30/15	AW	SW8082A
PCB-1268	ND	39	39	ug/Kg	2	11/30/15	AW	SW8082A

QA/QC Surrogates

% DCBP	81			%	2	11/30/15	AW	30 - 150 %
% TCMX	82			%	2	11/30/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	12/02/15	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	12/02/15	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	12/02/15	CE	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	12/02/15	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	12/02/15	CE	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	12/02/15	CE	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	12/02/15	CE	SW8081B
g-Chlordane	ND	3.9	3.9	ug/Kg	2	12/02/15	CE	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	12/02/15	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	12/02/15	CE	SW8081B

QA/QC Surrogates

% DCBP	66			%	2	12/02/15	CE	30 - 150 %
% TCMX	80			%	2	12/02/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
1,1-Dichloroethene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
1,1-Dichloropropene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,4-Trimethylbenzene	110	J 230	23	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dibromoethane	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichloroethane	ND	20	20	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichloropropane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
1,3,5-Trimethylbenzene	42	J 230	23	ug/Kg	50	11/28/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
1,3-Dichloropropane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
2,2-Dichloropropane	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
2-Chlorotoluene	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
2-Hexanone	ND	1200	230	ug/Kg	50	11/28/15	J/P	SW8260C
2-Isopropyltoluene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
4-Chlorotoluene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
4-Methyl-2-pentanone	ND	1200	230	ug/Kg	50	11/28/15	J/P	SW8260C
Acetone	ND	230	230	ug/Kg	50	11/28/15	J/P	SW8260C
Acrylonitrile	ND	460	46	ug/Kg	50	11/28/15	J/P	SW8260C
Benzene	65	J 230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Bromobenzene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Bromochloromethane	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Bromodichloromethane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
Bromoform	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
Bromomethane	ND	230	92	ug/Kg	50	11/28/15	J/P	SW8260C
Carbon Disulfide	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
Carbon tetrachloride	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
Chlorobenzene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Chloroethane	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Chloroform	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Chloromethane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
cis-1,2-Dichloroethene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
cis-1,3-Dichloropropene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Dibromochloromethane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
Dibromomethane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
Dichlorodifluoromethane	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Ethylbenzene	65	J 230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Hexachlorobutadiene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Isopropylbenzene	72	J 230	23	ug/Kg	50	11/28/15	J/P	SW8260C
m&p-Xylene	140	J 230	46	ug/Kg	50	11/28/15	J/P	SW8260C
Methyl Ethyl Ketone	ND	230	230	ug/Kg	50	11/28/15	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	460	46	ug/Kg	50	11/28/15	J/P	SW8260C
Methylene chloride	ND	230	230	ug/Kg	50	11/28/15	J/P	SW8260C
Naphthalene	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
n-Propylbenzene	68	J 230	42	ug/Kg	50	11/28/15	J/P	SW8260C
o-Xylene	58	J 230	46	ug/Kg	50	11/28/15	J/P	SW8260C
p-Isopropyltoluene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
sec-Butylbenzene	75	J 230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Styrene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
tert-Butylbenzene	41	J 230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Tetrachloroethene	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
Tetrahydrofuran (THF)	ND	460	120	ug/Kg	50	11/28/15	J/P	SW8260C
Toluene	99	J 230	23	ug/Kg	50	11/28/15	J/P	SW8260C
trans-1,2-Dichloroethene	ND	120	23	ug/Kg	50	11/28/15	J/P	SW8260C
trans-1,3-Dichloropropene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	460	120	ug/Kg	50	11/28/15	J/P	SW8260C
Trichloroethene	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Trichlorofluoromethane	ND	230	46	ug/Kg	50	11/28/15	J/P	SW8260C
Trichlorotrifluoroethane	ND	230	23	ug/Kg	50	11/28/15	J/P	SW8260C
Vinyl chloride	ND	20	20	ug/Kg	50	11/28/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	50	11/28/15	J/P	70 - 130 %
% Bromofluorobenzene	124			%	50	11/28/15	J/P	70 - 130 %
% Dibromofluoromethane	99			%	50	11/28/15	J/P	70 - 130 %
% Toluene-d8	99			%	50	11/28/15	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	1800	1800	ug/kg	50	11/28/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	50	11/28/15	J/P	70 - 130 %
% Bromofluorobenzene	124			%	50	11/28/15	J/P	70 - 130 %
% Toluene-d8	99			%	50	11/28/15	J/P	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	920	46	ug/Kg	50	11/28/15	JLI	SW8260C
Acrolein	ND	920	120	ug/Kg	50	11/28/15	JLI	SW8260C
Acrylonitrile	ND	920	23	ug/Kg	50	11/28/15	JLI	SW8260C
Tert-butyl alcohol	ND	4600	920	ug/Kg	50	11/28/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/30/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/26/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dinitrophenol	ND	790	280	ug/Kg	1	11/26/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	11/26/15	DD	SW8270D
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitroaniline	ND	790	400	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/26/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/26/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	790	190	ug/Kg	1	11/26/15	DD	SW8270D
3-Nitroaniline	ND	790	790	ug/Kg	1	11/26/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2000	430	ug/Kg	1	11/26/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloroaniline	ND	320	180	ug/Kg	1	11/26/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitroaniline	ND	790	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/26/15	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzidine	ND	790	230	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(a)pyrene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzoic acid	ND	2000	790	ug/Kg	1	11/26/15	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Carbazole	ND	2000	300	ug/Kg	1	11/26/15	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-butylphthalate	110	JB	280	110	ug/Kg	1	11/26/15	DD
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/26/15	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Hexachloroethane	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D

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B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Isophorone	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Naphthalene	190	J 280	110	ug/Kg	1	11/26/15	DD	SW8270D
Nitrobenzene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Pentachlorophenol	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
Pyridine	ND	280	97	ug/Kg	1	11/26/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	84			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorobiphenyl	75			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorophenol	66			%	1	11/26/15	DD	30 - 130 %
% Nitrobenzene-d5	64			%	1	11/26/15	DD	30 - 130 %
% Phenol-d5	74			%	1	11/26/15	DD	30 - 130 %
% Terphenyl-d14	86			%	1	11/26/15	DD	30 - 130 %

SVOA Library Search Top 25 Completed 11/30/15 DD 1

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.

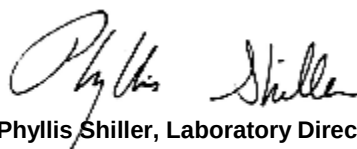
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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.

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

December 18, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/24/15
11/25/15 17:30

Laboratory Data

SDG ID: GBK28661
Phoenix ID: BK28666

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B3 13-15

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88			%		11/25/15	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/25/15	TV/CKV	SW3545A
Field Extraction	Completed					11/24/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C
1,1-Dichloroethane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C
1,1-Dichloroethene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
1,1-Dichloropropene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C
1,2-Dibromoethane	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
1,2-Dichloroethane	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
1,2-Dichloropropane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
1,3-Dichloropropane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
2,2-Dichloropropane	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
2-Chlorotoluene	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C
2-Hexanone	ND	18	3.5	ug/Kg	1	11/30/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	1
4-Chlorotoluene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	18	3.5	ug/Kg	1	11/30/15	JLI	SW8260C	
Acetone	3.8 JS	35	3.5	ug/Kg	1	11/30/15	JLI	SW8260C	
Acrylonitrile	ND	7.0	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
Benzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Bromobenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Bromochloromethane	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Bromodichloromethane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
Bromoform	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
Bromomethane	ND	3.5	1.4	ug/Kg	1	11/30/15	JLI	SW8260C	
Carbon Disulfide	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
Carbon tetrachloride	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
Chlorobenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Chloroethane	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Chloroform	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Chloromethane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Dibromochloromethane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
Dibromomethane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Ethylbenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Hexachlorobutadiene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Isopropylbenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
m&p-Xylene	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	21	3.5	ug/Kg	1	11/30/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	7.0	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
Methylene chloride	ND	3.5	3.5	ug/Kg	1	11/30/15	JLI	SW8260C	
Naphthalene	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
n-Butylbenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
n-Propylbenzene	ND	3.5	0.63	ug/Kg	1	11/30/15	JLI	SW8260C	
o-Xylene	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
p-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
sec-Butylbenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Styrene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
tert-Butylbenzene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Tetrachloroethene	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	7.0	1.8	ug/Kg	1	11/30/15	JLI	SW8260C	1
Toluene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	7.0	1.8	ug/Kg	1	11/30/15	JLI	SW8260C	
Trichloroethene	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Trichlorofluoromethane	ND	3.5	0.70	ug/Kg	1	11/30/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
Vinyl chloride	ND	3.5	0.35	ug/Kg	1	11/30/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	95			%	1	11/30/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	100			%	1	11/30/15	JLI	70 - 130 %
% Dibromofluoromethane	106			%	1	11/30/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/30/15	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	70	28	ug/kg	1	11/30/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	95			%	1	11/30/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/30/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/30/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	14	0.70	ug/Kg	1	11/30/15	JLI	SW8260C
Acrolein	ND	14	1.8	ug/Kg	1	11/30/15	JLI	SW8260C
Acrylonitrile	ND	14	0.35	ug/Kg	1	11/30/15	JLI	SW8260C
Tert-butyl alcohol	ND	70	14	ug/Kg	1	11/30/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 12/01/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/30/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	91	ug/Kg	1	11/30/15	DD	SW8270D
2,4-Dinitrophenol	ND	740	260	ug/Kg	1	11/30/15	DD	SW8270D
2,4-Dinitrotoluene	ND	260	140	ug/Kg	1	11/30/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
2-Chloronaphthalene	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
2-Chlorophenol	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	11/30/15	DD	SW8270D
2-Nitroaniline	ND	740	370	ug/Kg	1	11/30/15	DD	SW8270D
2-Nitrophenol	ND	260	230	ug/Kg	1	11/30/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	1	11/30/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	1	11/30/15	DD	SW8270D
3-Nitroaniline	ND	740	740	ug/Kg	1	11/30/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	400	ug/Kg	1	11/30/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/30/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
4-Nitroaniline	ND	740	120	ug/Kg	1	11/30/15	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/30/15	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
Acetophenone	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/30/15	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Benz(a)anthracene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Benzidine	ND	740	220	ug/Kg	1	11/30/15	DD	SW8270D
Benzo(a)pyrene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Benzoic acid	ND	1800	740	ug/Kg	1	11/30/15	DD	SW8270D
Benzyl butyl phthalate	ND	260	95	ug/Kg	1	11/30/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	1	11/30/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Carbazole	ND	1800	280	ug/Kg	1	11/30/15	DD	SW8270D
Chrysene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Dimethylphthalate	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Di-n-butylphthalate	ND	260	98	ug/Kg	1	11/30/15	DD	SW8270D
Di-n-octylphthalate	ND	260	95	ug/Kg	1	11/30/15	DD	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Isophorone	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	11/30/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/30/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/30/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	11/30/15	DD	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	11/30/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/30/15	DD	SW8270D
Pyrene	ND	260	130	ug/Kg	1	11/30/15	DD	SW8270D
Pyridine	ND	260	91	ug/Kg	1	11/30/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	83			%	1	11/30/15	DD	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	11/30/15	DD	30 - 130 %
% 2-Fluorophenol	46			%	1	11/30/15	DD	30 - 130 %
% Nitrobenzene-d5	59			%	1	11/30/15	DD	30 - 130 %
% Phenol-d5	53			%	1	11/30/15	DD	30 - 130 %

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	69			%	1	11/30/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/30/15	DD	1

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.

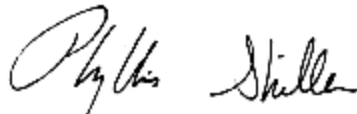
Comments:

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.

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

December 18, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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

Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/24/15
 11/25/15 17:30

Laboratory Data

SDG ID: GBK28661
 Phoenix ID: BK28667

Project ID: 2401 3RD AVE BRONX NY
 Client ID: 15 B4 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	1	11/28/15	LK	SW6010C
Aluminum	6980	* 35	7.0	mg/Kg	10	11/28/15	LK	SW6010C
Arsenic	19.5	0.7	0.70	mg/Kg	1	11/28/15	LK	SW6010C
Barium	48.9	0.7	0.35	mg/Kg	1	11/28/15	LK	SW6010C
Beryllium	0.28	B 0.28	0.14	mg/Kg	1	11/28/15	LK	SW6010C
Calcium	7990	* 3.5	3.2	mg/Kg	1	11/28/15	LK	SW6010C
Cadmium	1.58	0.35	0.14	mg/Kg	1	11/28/15	LK	SW6010C
Cobalt	24.9	0.35	0.35	mg/Kg	1	11/28/15	LK	SW6010C
Chromium	27.5	0.35	0.35	mg/Kg	1	11/28/15	LK	SW6010C
Copper	100	0.35	0.35	mg/kg	1	11/28/15	LK	SW6010C
Iron	97500	* 350	350	mg/Kg	100	12/01/15	EK	SW6010C
Mercury	0.92	0.03	0.02	mg/Kg	1	12/01/15	RS	SW7471B
Potassium	1090	7	2.7	mg/Kg	1	11/28/15	LK	SW6010C
Magnesium	3660	* 3.5	3.5	mg/Kg	1	11/28/15	LK	SW6010C
Manganese	1020	* 3.5	3.5	mg/Kg	10	11/28/15	LK	SW6010C
Sodium	204	7	3.0	mg/Kg	1	11/28/15	LK	SW6010C
Nickel	35.7	0.35	0.35	mg/Kg	1	11/28/15	LK	SW6010C
Lead	2280	* 70	35	mg/Kg	100	12/01/15	EK	SW6010C
Antimony	< 1.8	1.8	1.8	mg/Kg	1	11/28/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	11/28/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	11/28/15	LK	SW6010C
Vanadium	57.4	0.4	0.35	mg/Kg	1	11/28/15	LK	SW6010C
Zinc	95.5	0.7	0.35	mg/Kg	1	11/28/15	LK	SW6010C
Percent Solid	91			%		11/25/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	0.956	0.55	0.27	mg/Kg	1	11/30/15	O/GD	SW9012B
Soil Extraction for PCB	Completed					11/25/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/25/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/25/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/01/15	W/W	SW7471B
Total Metals Digest	Completed					11/25/15	G/T	SW3050B
Field Extraction	Completed					11/24/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	12/01/15	AW	SW8082A

QA/QC Surrogates

% DCBP	70			%	2	12/01/15	AW	30 - 150 %
% TCMX	75			%	2	12/01/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	12/02/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	12/02/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	12/02/15	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	12/02/15	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	12/02/15	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	12/02/15	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	12/02/15	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	12/02/15	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	12/02/15	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	12/02/15	CE	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	12/02/15	CE	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	12/02/15	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	12/02/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	12/02/15	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	12/02/15	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	12/02/15	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	12/02/15	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	12/02/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	12/02/15	CE	SW8081B

QA/QC Surrogates

% DCBP	53			%	2	12/02/15	CE	30 - 150 %
% TCMX	65			%	2	12/02/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
1,1-Dichloroethene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,1-Dichloropropene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dibromoethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichloroethane	ND	20	20	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichloropropane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,3-Dichloropropane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
2,2-Dichloropropane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
2-Chlorotoluene	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
2-Hexanone	ND	1100	220	ug/Kg	50	11/28/15	J/P	SW8260C
2-Isopropyltoluene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
4-Chlorotoluene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
4-Methyl-2-pentanone	ND	1100	220	ug/Kg	50	11/28/15	J/P	SW8260C
Acetone	ND	220	220	ug/Kg	50	11/28/15	J/P	SW8260C
Acrylonitrile	ND	440	44	ug/Kg	50	11/28/15	J/P	SW8260C
Benzene	43	J 57	22	ug/Kg	50	11/28/15	J/P	SW8260C
Bromobenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Bromochloromethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Bromodichloromethane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
Bromoform	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
Bromomethane	ND	220	88	ug/Kg	50	11/28/15	J/P	SW8260C
Carbon Disulfide	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
Carbon tetrachloride	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
Chlorobenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Chloroethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Chloroform	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Chloromethane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
cis-1,2-Dichloroethene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
cis-1,3-Dichloropropene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Dibromochloromethane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
Dibromomethane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
Dichlorodifluoromethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Ethylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Hexachlorobutadiene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Isopropylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
m&p-Xylene	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
Methyl Ethyl Ketone	ND	220	220	ug/Kg	50	11/28/15	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	440	44	ug/Kg	50	11/28/15	J/P	SW8260C
Methylene chloride	ND	220	220	ug/Kg	50	11/28/15	J/P	SW8260C
Naphthalene	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
n-Propylbenzene	ND	220	40	ug/Kg	50	11/28/15	J/P	SW8260C
o-Xylene	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
p-Isopropyltoluene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
sec-Butylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Styrene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
tert-Butylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Tetrachloroethene	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
Tetrahydrofuran (THF)	ND	440	110	ug/Kg	50	11/28/15	J/P	SW8260C
Toluene	55	J 220	22	ug/Kg	50	11/28/15	J/P	SW8260C
trans-1,2-Dichloroethene	ND	110	22	ug/Kg	50	11/28/15	J/P	SW8260C
trans-1,3-Dichloropropene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	440	110	ug/Kg	50	11/28/15	J/P	SW8260C
Trichloroethene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Trichlorofluoromethane	ND	220	44	ug/Kg	50	11/28/15	J/P	SW8260C
Trichlorotrifluoroethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
Vinyl chloride	ND	20	20	ug/Kg	50	11/28/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	50	11/28/15	J/P	70 - 130 %
% Bromofluorobenzene	102			%	50	11/28/15	J/P	70 - 130 %
% Dibromofluoromethane	92			%	50	11/28/15	J/P	70 - 130 %
% Toluene-d8	101			%	50	11/28/15	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	1800	1800	ug/kg	50	11/28/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	50	11/28/15	J/P	70 - 130 %
% Bromofluorobenzene	102			%	50	11/28/15	J/P	70 - 130 %
% Toluene-d8	101			%	50	11/28/15	J/P	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	880	44	ug/Kg	50	11/28/15	JLI	SW8260C
Acrolein	ND	880	110	ug/Kg	50	11/28/15	JLI	SW8260C
Acrylonitrile	ND	880	22	ug/Kg	50	11/28/15	JLI	SW8260C
Tert-butyl alcohol	ND	4400	880	ug/Kg	50	11/28/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/30/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/26/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/26/15	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/26/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dichlorophenol	ND	250	130	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dimethylphenol	ND	250	90	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dinitrophenol	ND	730	250	ug/Kg	1	11/26/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	11/26/15	DD	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitroaniline	ND	730	370	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/26/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/26/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	730	170	ug/Kg	1	11/26/15	DD	SW8270D
3-Nitroaniline	ND	730	730	ug/Kg	1	11/26/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	1	11/26/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/26/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitroaniline	ND	730	120	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthylene	110	J 250	100	ug/Kg	1	11/26/15	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/26/15	DD	SW8270D
Anthracene	450	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benz(a)anthracene	1600	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzidine	ND	730	210	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(a)pyrene	1300	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(b)fluoranthene	1100	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(ghi)perylene	700	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(k)fluoranthene	1100	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzoic acid	ND	1800	730	ug/Kg	1	11/26/15	DD	SW8270D
Benzyl butyl phthalate	ND	250	94	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	250	98	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Carbazole	ND	1800	280	ug/Kg	1	11/26/15	DD	SW8270D
Chrysene	1500	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Dibenz(a,h)anthracene	180	J 250	120	ug/Kg	1	11/26/15	DD	SW8270D
Dibenzofuran	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-butylphthalate	ND	250	97	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-octylphthalate	ND	250	94	ug/Kg	1	11/26/15	DD	SW8270D
Fluoranthene	3100	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobenzene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	1	11/26/15	DD	SW8270D

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B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	820	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Isophorone	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Nitrobenzene	ND	250	130	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/26/15	DD	SW8270D
Pentachloronitrobenzene	ND	250	140	ug/Kg	1	11/26/15	DD	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	1	11/26/15	DD	SW8270D
Phenanthrene	1400	250	100	ug/Kg	1	11/26/15	DD	SW8270D
Phenol	ND	250	120	ug/Kg	1	11/26/15	DD	SW8270D
Pyrene	2700	250	130	ug/Kg	1	11/26/15	DD	SW8270D
Pyridine	ND	250	90	ug/Kg	1	11/26/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	67			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorophenol	52			%	1	11/26/15	DD	30 - 130 %
% Nitrobenzene-d5	64			%	1	11/26/15	DD	30 - 130 %
% Phenol-d5	66			%	1	11/26/15	DD	30 - 130 %
% Terphenyl-d14	80			%	1	11/26/15	DD	30 - 130 %

SVOA Library Search Top 25

Completed

11/30/15

DD

1

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

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

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

Comments:

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

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

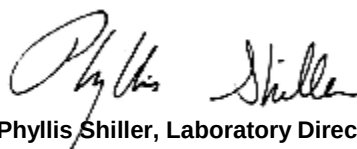
Volatile Comment:

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.

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

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Phyllis Shiller, Laboratory Director

December 18, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/24/15
11/25/15

Time

17:30

Laboratory Data

SDG ID: GBK28661
Phoenix ID: BK28668

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B4 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.41	0.41	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Aluminum	8910	* 41	8.1	mg/Kg	10	11/28/15	LK	SW6010C
Arsenic	2.1	0.8	0.81	mg/Kg	1	11/28/15	LK	SW6010C
Barium	33.4	0.8	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Beryllium	0.40	0.33	0.16	mg/Kg	1	11/28/15	LK	SW6010C
Calcium	10400	* 4.1	3.7	mg/Kg	1	11/28/15	LK	SW6010C
Cadmium	0.61	0.41	0.16	mg/Kg	1	11/28/15	LK	SW6010C
Cobalt	19.0	0.41	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Chromium	20.2	0.41	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Copper	21.1	0.41	0.41	mg/kg	1	11/28/15	LK	SW6010C
Iron	47700	* 41	41	mg/Kg	10	11/28/15	LK	SW6010C
Mercury	< 0.03	0.03	0.02	mg/Kg	1	12/01/15	RS	SW7471B
Potassium	1750	8	3.2	mg/Kg	1	11/28/15	LK	SW6010C
Magnesium	6310	* 41	41	mg/Kg	10	11/28/15	LK	SW6010C
Manganese	741	* 4.1	4.1	mg/Kg	10	11/28/15	LK	SW6010C
Sodium	810	8	3.5	mg/Kg	1	11/28/15	LK	SW6010C
Nickel	22.7	0.41	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Lead	37.6	* 0.8	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Antimony	< 2.0	2.0	2.0	mg/Kg	1	11/28/15	LK	SW6010C
Selenium	< 1.6	1.6	1.4	mg/Kg	1	11/28/15	LK	SW6010C
Thallium	< 1.6	1.6	1.6	mg/Kg	1	11/28/15	LK	SW6010C
Vanadium	25.7	0.4	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Zinc	34.1	0.8	0.41	mg/Kg	1	11/28/15	LK	SW6010C
Percent Solid	83			%		11/25/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.55	0.55	0.27	mg/Kg	1	11/30/15	O/GD	SW9012B
Soil Extraction for PCB	Completed					11/25/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/25/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/25/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					12/01/15	W/W	SW7471B
Total Metals Digest	Completed					11/25/15	G/T	SW3050B
Field Extraction	Completed					11/24/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	40	40	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1221	ND	40	40	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1232	ND	40	40	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1242	ND	40	40	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1248	ND	40	40	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1254	ND	40	40	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1260	ND	40	40	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1262	ND	40	40	ug/Kg	2	12/01/15	AW	SW8082A
PCB-1268	ND	40	40	ug/Kg	2	12/01/15	AW	SW8082A

QA/QC Surrogates

% DCBP	73			%	2	12/01/15	AW	30 - 150 %
% TCMX	76			%	2	12/01/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	12/02/15	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	12/02/15	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	12/02/15	CE	SW8081B
a-BHC	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	12/02/15	CE	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	12/02/15	CE	SW8081B
b-BHC	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Chlordane	ND	40	40	ug/Kg	2	12/02/15	CE	SW8081B
d-BHC	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	12/02/15	CE	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	12/02/15	CE	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	12/02/15	CE	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	12/02/15	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	12/02/15	CE	SW8081B

QA/QC Surrogates

% DCBP	60			%	2	12/02/15	CE	30 - 150 %
% TCMX	82			%	2	12/02/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	170	67	ug/Kg	50	11/28/15	J/P	SW8260C
1,1-Dichloroethene	ND	170	34	ug/Kg	50	11/28/15	J/P	SW8260C
1,1-Dichloropropene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,4-Trimethylbenzene	91	J 340	34	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dibromoethane	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichloroethane	ND	34	34	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichloropropane	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
1,3-Dichloropropane	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
2,2-Dichloropropane	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
2-Chlorotoluene	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
2-Hexanone	ND	1700	340	ug/Kg	50	11/28/15	J/P	SW8260C
2-Isopropyltoluene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
4-Chlorotoluene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
4-Methyl-2-pentanone	ND	1700	340	ug/Kg	50	11/28/15	J/P	SW8260C
Acetone	ND	340	340	ug/Kg	50	11/28/15	J/P	SW8260C
Acrylonitrile	ND	670	67	ug/Kg	50	11/28/15	J/P	SW8260C
Benzene	140	J 340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Bromobenzene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Bromochloromethane	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Bromodichloromethane	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
Bromoform	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
Bromomethane	ND	340	130	ug/Kg	50	11/28/15	J/P	SW8260C
Carbon Disulfide	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
Carbon tetrachloride	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
Chlorobenzene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Chloroethane	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Chloroform	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Chloromethane	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
cis-1,2-Dichloroethene	ND	170	34	ug/Kg	50	11/28/15	J/P	SW8260C
cis-1,3-Dichloropropene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Dibromochloromethane	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
Dibromomethane	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
Dichlorodifluoromethane	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Ethylbenzene	61	J 340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Hexachlorobutadiene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Isopropylbenzene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
m&p-Xylene	140	J 340	67	ug/Kg	50	11/28/15	J/P	SW8260C
Methyl Ethyl Ketone	ND	340	340	ug/Kg	50	11/28/15	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	670	67	ug/Kg	50	11/28/15	J/P	SW8260C
Methylene chloride	ND	340	340	ug/Kg	50	11/28/15	J/P	SW8260C
Naphthalene	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
n-Propylbenzene	ND	340	61	ug/Kg	50	11/28/15	J/P	SW8260C
o-Xylene	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
p-Isopropyltoluene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
sec-Butylbenzene	44	J 340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Styrene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
tert-Butylbenzene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Tetrachloroethene	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
Tetrahydrofuran (THF)	ND	670	170	ug/Kg	50	11/28/15	J/P	SW8260C
Toluene	87	J 340	34	ug/Kg	50	11/28/15	J/P	SW8260C
trans-1,2-Dichloroethene	ND	170	34	ug/Kg	50	11/28/15	J/P	SW8260C
trans-1,3-Dichloropropene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	670	170	ug/Kg	50	11/28/15	J/P	SW8260C
Trichloroethene	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Trichlorofluoromethane	ND	340	67	ug/Kg	50	11/28/15	J/P	SW8260C
Trichlorotrifluoroethane	ND	340	34	ug/Kg	50	11/28/15	J/P	SW8260C
Vinyl chloride	ND	34	34	ug/Kg	50	11/28/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	50	11/28/15	J/P	70 - 130 %
% Bromofluorobenzene	113			%	50	11/28/15	J/P	70 - 130 %
% Dibromofluoromethane	93			%	50	11/28/15	J/P	70 - 130 %
% Toluene-d8	98			%	50	11/28/15	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	2700	2700	ug/kg	50	11/28/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	50	11/28/15	J/P	70 - 130 %
% Bromofluorobenzene	113			%	50	11/28/15	J/P	70 - 130 %
% Toluene-d8	98			%	50	11/28/15	J/P	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1300	67	ug/Kg	50	11/28/15	JLI	SW8260C
Acrolein	ND	1300	170	ug/Kg	50	11/28/15	JLI	SW8260C
Acrylonitrile	ND	1300	34	ug/Kg	50	11/28/15	JLI	SW8260C
Tert-butyl alcohol	ND	6700	1300	ug/Kg	50	11/28/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/30/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/26/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dinitrophenol	ND	790	280	ug/Kg	1	11/26/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	11/26/15	DD	SW8270D
2,6-Dinitrotoluene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	180	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitroaniline	ND	790	400	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/26/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/26/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	790	190	ug/Kg	1	11/26/15	DD	SW8270D
3-Nitroaniline	ND	790	790	ug/Kg	1	11/26/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2000	420	ug/Kg	1	11/26/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/26/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitroaniline	ND	790	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitrophenol	ND	390	180	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthylene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/26/15	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzidine	ND	790	230	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(a)pyrene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(b)fluoranthene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzoic acid	ND	2000	790	ug/Kg	1	11/26/15	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Carbazole	ND	2000	300	ug/Kg	1	11/26/15	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Dibenzofuran	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Diethyl phthalate	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-butylphthalate	ND	280	100	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/26/15	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobenzene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Hexachloroethane	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D

1

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Isophorone	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Nitrobenzene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Pentachlorophenol	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
Pyridine	ND	280	97	ug/Kg	1	11/26/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	66			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorobiphenyl	60			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorophenol	52			%	1	11/26/15	DD	30 - 130 %
% Nitrobenzene-d5	52			%	1	11/26/15	DD	30 - 130 %
% Phenol-d5	59			%	1	11/26/15	DD	30 - 130 %
% Terphenyl-d14	76			%	1	11/26/15	DD	30 - 130 %

SVOA Library Search Top 25 Completed 11/30/15 DD 1

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

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

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

Comments:

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

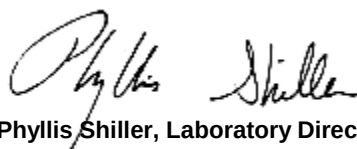
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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.

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

December 18, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/24/15
11/25/15 17:30

Laboratory Data

SDG ID: GBK28661
Phoenix ID: BK28669

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B4 10-12

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87			%		11/25/15	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/25/15	BJ/CKV	SW3545A
Field Extraction	Completed					11/24/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C
1,1-Dichloroethane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C
1,1-Dichloroethene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,1-Dichloropropene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dibromoethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichloroethane	ND	20	20	ug/Kg	50	11/28/15	J/P	SW8260C
1,2-Dichloropropane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
1,3-Dichloropropane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
2,2-Dichloropropane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C
2-Chlorotoluene	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C
2-Hexanone	ND	1100	220	ug/Kg	50	11/28/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	1
4-Chlorotoluene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
4-Methyl-2-pentanone	ND	1100	220	ug/Kg	50	11/28/15	J/P	SW8260C	
Acetone	ND	220	220	ug/Kg	50	11/28/15	J/P	SW8260C	
Acrylonitrile	ND	450	45	ug/Kg	50	11/28/15	J/P	SW8260C	
Benzene	ND	58	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Bromobenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Bromochloromethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Bromodichloromethane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
Bromoform	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
Bromomethane	ND	220	89	ug/Kg	50	11/28/15	J/P	SW8260C	
Carbon Disulfide	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
Carbon tetrachloride	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
Chlorobenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Chloroethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Chloroform	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Chloromethane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
cis-1,2-Dichloroethene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
cis-1,3-Dichloropropene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Dibromochloromethane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
Dibromomethane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
Dichlorodifluoromethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Ethylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Hexachlorobutadiene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Isopropylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
m&p-Xylene	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
Methyl Ethyl Ketone	ND	220	220	ug/Kg	50	11/28/15	J/P	SW8260C	
Methyl t-butyl ether (MTBE)	ND	450	45	ug/Kg	50	11/28/15	J/P	SW8260C	
Methylene chloride	ND	220	220	ug/Kg	50	11/28/15	J/P	SW8260C	
Naphthalene	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
n-Butylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
n-Propylbenzene	ND	220	40	ug/Kg	50	11/28/15	J/P	SW8260C	
o-Xylene	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
p-Isopropyltoluene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
sec-Butylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Styrene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
tert-Butylbenzene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Tetrachloroethene	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
Tetrahydrofuran (THF)	ND	450	110	ug/Kg	50	11/28/15	J/P	SW8260C	1
Toluene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
trans-1,2-Dichloroethene	ND	110	22	ug/Kg	50	11/28/15	J/P	SW8260C	
trans-1,3-Dichloropropene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
trans-1,4-dichloro-2-butene	ND	450	110	ug/Kg	50	11/28/15	J/P	SW8260C	
Trichloroethene	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Trichlorofluoromethane	ND	220	45	ug/Kg	50	11/28/15	J/P	SW8260C	
Trichlorotrifluoroethane	ND	220	22	ug/Kg	50	11/28/15	J/P	SW8260C	
Vinyl chloride	ND	20	20	ug/Kg	50	11/28/15	J/P	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	50	11/28/15	J/P	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	101			%	50	11/28/15	J/P	70 - 130 %
% Dibromofluoromethane	96			%	50	11/28/15	J/P	70 - 130 %
% Toluene-d8	99			%	50	11/28/15	J/P	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	4500	1800	ug/kg	50	11/28/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	97			%	50	11/28/15	JLI	70 - 130 %
% Bromofluorobenzene	101			%	50	11/28/15	JLI	70 - 130 %
% Toluene-d8	99			%	50	11/28/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	890	45	ug/Kg	50	11/28/15	JLI	SW8260C
Acrolein	ND	890	110	ug/Kg	50	11/28/15	JLI	SW8260C
Acrylonitrile	ND	890	22	ug/Kg	50	11/28/15	JLI	SW8260C
Tert-butyl alcohol	ND	4500	890	ug/Kg	50	11/28/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 11/30/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/26/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/26/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	93	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dinitrophenol	ND	750	260	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	11/26/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitroaniline	ND	750	380	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	11/26/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/26/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	1	11/26/15	DD	SW8270D
3-Nitroaniline	ND	750	750	ug/Kg	1	11/26/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	1	11/26/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	11/26/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitroaniline	ND	750	120	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	260	100	ug/Kg	1	11/26/15	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/26/15	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Benz(a)anthracene	ND	260	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzidine	ND	750	220	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(a)pyrene	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Benzoic acid	ND	1900	750	ug/Kg	1	11/26/15	DD	SW8270D
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
Carbazole	ND	1900	280	ug/Kg	1	11/26/15	DD	SW8270D
Chrysene	ND	260	130	ug/Kg	1	11/26/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-butylphthalate	110	JB 260	99	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-octylphthalate	ND	260	96	ug/Kg	1	11/26/15	DD	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Isophorone	ND	260	100	ug/Kg	1	11/26/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/26/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/26/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	11/26/15	DD	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	11/26/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/26/15	DD	SW8270D
Pyrene	ND	260	130	ug/Kg	1	11/26/15	DD	SW8270D
Pyridine	ND	260	92	ug/Kg	1	11/26/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	71			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorophenol	57			%	1	11/26/15	DD	30 - 130 %
% Nitrobenzene-d5	62			%	1	11/26/15	DD	30 - 130 %
% Phenol-d5	65			%	1	11/26/15	DD	30 - 130 %

1

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	81			%	1	11/26/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/30/15	DD	1

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:

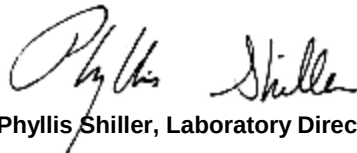
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

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

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

December 18, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
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Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/24/15
11/25/15 17:30

Laboratory Data

SDG ID: GBK28661
Phoenix ID: BK28670

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B5 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83			%		11/25/15	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/25/15	BJ/CKV	SW3545A
Field Extraction	Completed					11/24/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
1,1-Dichloropropene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
1,3-Dichloropropane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
2,2-Dichloropropane	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
2-Chlorotoluene	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C
2-Hexanone	ND	30	5.9	ug/Kg	1	11/30/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	1
4-Chlorotoluene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
4-Methyl-2-pentanone	ND	30	5.9	ug/Kg	1	11/30/15	J/P	SW8260C	
Acetone	29	JS 47	5.9	ug/Kg	1	11/30/15	J/P	SW8260C	
Acrylonitrile	ND	12	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
Benzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Bromobenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
Bromoform	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
Bromomethane	ND	5.9	2.4	ug/Kg	1	11/30/15	J/P	SW8260C	
Carbon Disulfide	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
Carbon tetrachloride	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
Chlorobenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Chloroethane	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Chloroform	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Chloromethane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
cis-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
cis-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Dibromochloromethane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
Dibromomethane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
Dichlorodifluoromethane	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Ethylbenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Hexachlorobutadiene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Isopropylbenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
m&p-Xylene	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
Methyl Ethyl Ketone	ND	35	5.9	ug/Kg	1	11/30/15	J/P	SW8260C	
Methyl t-butyl ether (MTBE)	2.1	J 12	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
Methylene chloride	ND	5.9	5.9	ug/Kg	1	11/30/15	J/P	SW8260C	
Naphthalene	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
n-Butylbenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
n-Propylbenzene	ND	5.9	1.1	ug/Kg	1	11/30/15	J/P	SW8260C	
o-Xylene	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
p-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
sec-Butylbenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Styrene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
tert-Butylbenzene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Tetrachloroethene	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
Tetrahydrofuran (THF)	ND	12	3.0	ug/Kg	1	11/30/15	J/P	SW8260C	1
Toluene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
trans-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
trans-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	3.0	ug/Kg	1	11/30/15	J/P	SW8260C	
Trichloroethene	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Trichlorofluoromethane	ND	5.9	1.2	ug/Kg	1	11/30/15	J/P	SW8260C	
Trichlorotrifluoroethane	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
Vinyl chloride	ND	5.9	0.59	ug/Kg	1	11/30/15	J/P	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	110			%	1	11/30/15	J/P	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	84			%	1	11/30/15	J/P	70 - 130 %
% Dibromofluoromethane	107			%	1	11/30/15	J/P	70 - 130 %
% Toluene-d8	89			%	1	11/30/15	J/P	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	94	47	ug/kg	1	11/30/15	J/P	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	110			%	1	11/30/15	J/P	70 - 130 %
% Bromofluorobenzene	84			%	1	11/30/15	J/P	70 - 130 %
% Toluene-d8	89			%	1	11/30/15	J/P	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	24	1.2	ug/Kg	1	11/30/15	J/P	SW8260C
Acrolein	ND	24	3.0	ug/Kg	1	11/30/15	J/P	SW8260C
Acrylonitrile	ND	24	0.59	ug/Kg	1	11/30/15	J/P	SW8260C
Tert-butyl alcohol	ND	120	24	ug/Kg	1	11/30/15	J/P	SW8260C

Volatile Library Search Top 10 Completed 12/01/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/26/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dinitrophenol	ND	800	280	ug/Kg	1	11/26/15	DD	SW8270D
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	11/26/15	DD	SW8270D
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitroaniline	ND	800	400	ug/Kg	1	11/26/15	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/26/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/26/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	800	190	ug/Kg	1	11/26/15	DD	SW8270D
3-Nitroaniline	ND	800	800	ug/Kg	1	11/26/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2000	430	ug/Kg	1	11/26/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/26/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitroaniline	ND	800	130	ug/Kg	1	11/26/15	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/26/15	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/26/15	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benidine	ND	800	240	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(a)pyrene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Benzoic acid	ND	2000	800	ug/Kg	1	11/26/15	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Carbazole	ND	2000	300	ug/Kg	1	11/26/15	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/26/15	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobenzene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Hexachloroethane	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Isophorone	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Naphthalene	ND	280	120	ug/Kg	1	11/26/15	DD	SW8270D
Nitrobenzene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Pentachlorophenol	ND	280	150	ug/Kg	1	11/26/15	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/26/15	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/26/15	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/26/15	DD	SW8270D
Pyridine	ND	280	99	ug/Kg	1	11/26/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	68			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorobiphenyl	67			%	1	11/26/15	DD	30 - 130 %
% 2-Fluorophenol	60			%	1	11/26/15	DD	30 - 130 %
% Nitrobenzene-d5	62			%	1	11/26/15	DD	30 - 130 %
% Phenol-d5	68			%	1	11/26/15	DD	30 - 130 %

1

B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	71			%	1	11/26/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/30/15	DD	1

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:

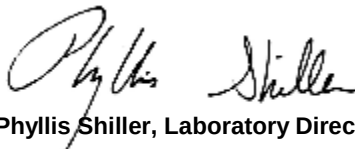
Both client provided low level volatile vial analyses had issues that prevented them from being reported. Phoenix prepared a low level vial from the soil jar.

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

December 18, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director

CLIENT ID

Client: EBC

SDG No.: GBK28661

Lab Sample ID: BK28665

Lab File ID: 1127_50.D

Date Received: 11/25/15

Date Analyzed: 11/28/15

Dilution Factor: 50

Soil Aliquot Vol (uL): 100

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

[illegible]

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK28661

Matrix:(soil/water) SOIL

Lab Sample ID: BK28666

Sample wt/vol: 8.1 (g/mL) g

Lab File ID: 1130M32.D

Level: (low/med) Low

Date Received: 11/25/15

% Moisture: not dec.	12

Date Analyzed: 11/30/15

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

Dilution Factor: 1

Soil Extract Volume: 5000 (uL)

Soil Aliquot Vol (uL): 5000

Number TICs found: 0

CONCENTRATION UNITS:

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

[illegible]

CLIENT ID

Client: EBC

SDG No.: GBK28661

Lab Sample ID: BK28668

Lab File ID: 1127_53.D

Date Received: 11/25/15

Date Analyzed: 11/28/15

Dilution Factor: 50

Soil Aliquot Vol (uL): 100

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

[illegible]

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID

15 B1 0-2

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.: _____

SAS No.: _____

SDG No.: GBK28661

Matrix:(soil/water) SOIL

Lab Sample ID: BK28661

Sample wt/vol: 15.22 (g/mL) g

Lab File ID: 1130_09.D

Level: (low/med) Low

Date Received: 11/25/15

% Moisture: not dec. 13 decanted:(Y/N) NA

Date Extracted: 11/30/15

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

Date Analyzed: 11/30/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 25

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000763-93-9	3-Hexen-2-one	0.898	1600	JN
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.069	56000	JNA
	Unknown	3.092	430	JN
000090-12-0	Naphthalene, 1-methyl-	3.345	1400	JN
000571-61-9	Naphthalene, 1,5-dimethyl-	3.786	930	JN
000575-43-9	Naphthalene, 1,6-dimethyl-	3.857	1500	JN
000573-98-8	Naphthalene, 1,2-dimethyl-	3.945	770	JN
	Unknown	4.033	420	JN
002131-42-2	Naphthalene, 1,4,6-trimethyl-	4.351	470	JN
002131-41-1	Naphthalene, 1,4,5-trimethyl-	4.422	800	JN
000829-26-5	Naphthalene, 2,3,6-trimethyl-	4.492	580	JN
	Unknown	4.663	620	JN
	Unknown	4.739	620	JN
	Unknown	4.998	680	JN
	Unknown	5.198	500	JN
	Unknown	5.728	460	JN
002531-84-2	Phenanthrene, 2-methyl-	5.816	700	JN
000613-12-7	Anthracene, 2-methyl-	5.833	900	JN
000832-71-3	Phenanthrene, 3-methyl-	5.869	470	JN
	Unknown	5.904	1300	JN
	Unknown	5.927	470	JN
	Unknown	6.080	970	JN
003674-65-5	Phenanthrene, 2,3-dimethyl-	6.239	450	JN
003674-66-6	Phenanthrene, 2,5-dimethyl-	6.304	650	JN
	Unknown	6.357	2700	JN

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.: GBK28661

Matrix:(soil/water) SOIL

Lab Sample ID: BK28662

Sample wt/vol: 15.27 (g/mL) g

Lab File ID: 1125_46.D

Level: (low/med) Low

Date Received: 11/25/15

% Moisture: not dec. 17 decanted:(Y/N) NA

Date Extracted: 11/26/15

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

Date Analyzed: 11/26/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 1

[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.

15 B2 6-8

Client: EBC

SAS No.:

SDG No.: GBK28661

Lab Sample ID: BK28663

Lab File ID: 1125_41.D

Date Received: 11/25/15

Date Extracted: 11/26/15

Date Analyzed: 11/26/2015

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

Client: EBC

SDG No.: GBK28661

Lab Sample ID: BK28664

Lab File ID: 1125_42.D

Date Received: 11/25/15

Date Extracted: 11/26/15

Date Analyzed: 11/26/2015

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.: GBK28661

Matrix:(soil/water) SOIL

Lab Sample ID: BK28666

Sample wt/vol: 15.44 (g/mL) g

Lab File ID: 1130_10.D

Level: (low/med) Low

Date Received: 11/25/15

% Moisture: not dec. 12 decanted:(Y/N) NA

Date Extracted: 11/30/15

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

Date Analyzed: 11/30/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 1

[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

15 B4 0-2

Client: EBC

SAS No.:

SDG No.: GBK28661

Lab Sample ID: BK28667

Lab File ID: 1125_47.D

Date Received: 11/25/15

Date Extracted: 11/26/15

Date Analyzed: 11/26/2015

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.

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID

15 B4 6-8

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.: _____

SAS No.: _____

SDG No.: GBK28661

Matrix:(soil/water) SOIL

Lab Sample ID: BK28668

Sample wt/vol: 15.31 (g/mL) g

Lab File ID: 1125_44.D

Level: (low/med) Low

Date Received: 11/25/15

% Moisture: not dec. 17 decanted:(Y/N) NA

Date Extracted: 11/26/15

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

Date Analyzed: 11/26/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 22

ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000141-79-7	3-Penten-2-one, 4-methyl-	2.002	1000	JN
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.275	32000	JNA
	Unknown	2.641	370	JN
002051-30-1	Octane, 2,6-dimethyl-	2.763	500	JN
	Unknown	2.851	420	JN
	Unknown	3.133	390	JN
	Unknown	3.363	530	JN
	Unknown	3.832	640	JN
	Unknown	3.866	320	JN
	Unknown	3.891	780	JN
	Unknown	3.925	410	JN
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	3.965	350	JN
	Unknown	3.988	340	JN
	Unknown	4.045	370	JN
000078-00-2	Tetraethyllead	4.093	330	JN
017301-23-4	Undecane, 2,6-dimethyl-	4.360	850	JN
004706-89-2	Benzene, 2,4-dimethyl-1-(1-methylethyl)-	4.406	810	JN
	Unknown	4.471	710	JN
	Unknown	4.570	660	JN
	Unknown	4.664	930	JN
	Unknown	4.784	710	JN
013798-23-7	Sulfur	6.003	390	JN

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

Client: EBC

SDG No.: GBK28661

Lab Sample ID: BK28669

Lab File ID: 1125_45.D

Date Received: 11/25/15

Date Extracted: 11/26/15

Date Analyzed: 11/26/2015

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

15 B5 6-8

Client: EBC

SAS No.:

SDG No.: GBK28661

Lab Sample ID: BK28670

Lab File ID: 1125_48.D

Date Received: 11/25/15

Date Extracted: 11/26/15

Date Analyzed: 11/26/2015

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.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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QA/QC Report

December 18, 2015

QA/QC Data

SDG I.D.: GBK28661

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 327914 (mg/kg), QC Sample No: BK28661 (BK28661, BK28662, BK28664, BK28665, BK28667, BK28668)														
<u>ICP Metals - Soil</u>														
Aluminum	BRL	5.0	41200	4130	164	114	114	0.0	NC	NC	NC	80 - 120	30	r
Antimony	BRL	3.3	<1.8	<3.5	NC	92.8	95.7	3.1	88.4	92.2	4.2	70 - 130	30	
Arsenic	BRL	0.67	3.7	4.47	18.8	92.4	95.9	3.7	94.9	96.1	1.3	80 - 120	30	
Barium	BRL	0.33	38.0	47.3	21.8	106	109	2.8	101	101	0.0	80 - 120	30	
Beryllium	BRL	0.27	0.23	0.25	NC	90.7	91.9	1.3	95.3	95.6	0.3	80 - 120	30	
Cadmium	BRL	0.33	1.23	0.84	NC	109	117	7.1	88.7	88.6	0.1	80 - 120	30	
Calcium	BRL	5.0	180000	34800	135	93.7	96.8	3.3	NC	NC	NC	80 - 120	30	r
Chromium	BRL	0.33	14.7	15.5	5.30	96.2	98.5	2.4	97.7	99.5	1.8	80 - 120	30	
Cobalt	BRL	0.33	22.1	20.6	7.00	108	110	1.8	95.9	94.6	1.4	80 - 120	30	
Copper	BRL	0.33	36.6	40.8	10.9	91.5	95.5	4.3	110	110	0.0	80 - 120	30	
Iron	BRL	5.0	636000	51000	170	107	116	8.1	NC	NC	NC	80 - 120	30	r
Lead	BRL	0.33	76.0	52.6	36.4	99.9	104	4.0	83.1	86.6	4.1	80 - 120	30	r
Magnesium	BRL	5.0	101000	19300	136	91.2	93.0	2.0	NC	NC	NC	80 - 120	30	r
Manganese	BRL	0.33	4540	521	159	103	100	3.0	NC	NC	NC	80 - 120	30	r
Nickel	BRL	0.33	26.5	22.4	16.8	107	108	0.9	94.3	91.4	3.1	80 - 120	30	
Potassium	BRL	5.0	766	798	4.10	104	104	0.0	NC	NC	NC	80 - 120	30	
Selenium	BRL	1.3	<1.4	<1.4	NC	93.8	100	6.4	83.5	83.7	0.2	80 - 120	30	
Silver	BRL	0.33	<0.36	<0.35	NC	92.1	97.6	5.8	103	103	0.0	70 - 130	30	
Sodium	BRL	5.0	1480	1400	5.60	114	112	1.8	NC	NC	NC	80 - 120	30	
Thallium	BRL	3.0	<1.4	<3.2	NC	105	116	10.0	91.0	90.8	0.2	80 - 120	30	
Vanadium	BRL	0.33	29.8	35.1	16.3	97.3	96.9	0.4	99.0	108	8.7	80 - 120	30	
Zinc	BRL	0.33	29.6	30.2	2.00	98.9	102	3.1	99.6	96.9	2.7	80 - 120	30	
QA/QC Batch 328113 (mg/kg), QC Sample No: BK28676 (BK28661, BK28662, BK28664, BK28665, BK28667, BK28668)														
Mercury - Soil	BRL	0.06	<0.03	0.06	NC	105	123	15.8	117	118	0.9	75 - 125	30	

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



Environmental Laboratories, Inc.
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QA/QC Report

December 18, 2015

QA/QC Data

SDG I.D.: GBK28661

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 327917 (mg/Kg), QC Sample No: BK27758 50X (BK28661, BK28662, BK28664)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	0.265	<0.56	NC	90.8			96.9			85 - 115	30
QA/QC Batch 328066 (mg/Kg), QC Sample No: BK28665 50X (BK28665, BK28667, BK28668)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.55	<0.61	NC	92.8			89.0			85 - 115	30



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QA/QC Report

December 18, 2015

QA/QC Data

SDG I.D.: GBK28661

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 327883 (ug/Kg), QC Sample No: BK28662 2X (BK28661, BK28662)										
<u>Pesticides - Solid</u>										
4,4' -DDD	ND	1.7	64	84	27.0	71	86	19.1	30 - 150	30
4,4' -DDE	ND	1.7	70	90	25.0	77	74	4.0	40 - 140	30
4,4' -DDT	ND	1.7	80	100	22.2	91	83	9.2	30 - 150	30
a-BHC	ND	1.0	64	83	25.9	71	69	2.9	30 - 150	30
a-Chlordane	ND	3.3	69	89	25.3	76	73	4.0	30 - 150	30
Aldrin	ND	1.0	65	84	25.5	70	68	2.9	40 - 140	30
b-BHC	ND	1.0	67	86	24.8	72	70	2.8	30 - 150	30
Chlordane	ND	33	67	86	24.8	89	96	7.6	30 - 150	30
d-BHC	ND	3.3	49	65	28.1	53	51	3.8	30 - 150	30
Dieldrin	ND	1.0	68	88	25.6	75	73	2.7	40 - 140	30
Endosulfan I	ND	3.3	65	84	25.5	74	68	8.5	30 - 150	30
Endosulfan II	ND	3.3	72	92	24.4	79	82	3.7	30 - 150	30
Endosulfan sulfate	ND	3.3	63	78	21.3	65	66	1.5	40 - 140	30
Endrin	ND	3.3	76	99	26.3	84	83	1.2	40 - 140	30
Endrin aldehyde	ND	3.3	72	90	22.2	75	75	0.0	30 - 150	30
Endrin ketone	ND	3.3	71	92	25.8	84	79	6.1	30 - 150	30
g-BHC	ND	1.0	67	87	26.0	81	78	3.8	40 - 140	30
g-Chlordane	ND	3.3	67	86	24.8	89	96	7.6	40 - 140	30
Heptachlor	ND	3.3	61	79	25.7	71	68	4.3	40 - 140	30
Heptachlor epoxide	ND	3.3	69	89	25.3	92	90	2.2	30 - 150	30
Methoxychlor	ND	3.3	73	92	23.0	81	78	3.8	30 - 150	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	30 - 150	30
% DCBP	85	%	73	94	25.1	81	78	3.8	30 - 150	30
% TCMX	74	%	69	84	19.6	72	67	7.2	30 - 150	30

QA/QC Batch 327977 (ug/kg), QC Sample No: BK28669 (BK28662, BK28663, BK28665 (50X) , BK28667 (50X) , BK28668 (50X) , BK28669 (50X))

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	5.0	105	105	0.0	102	98	4.0	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	104	103	1.0	99	99	0.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	103	107	3.8	92	88	4.4	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	103	107	3.8	99	97	2.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	105	105	0.0	99	98	1.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	108	109	0.9	94	92	2.2	70 - 130	30
1,1-Dichloropropene	ND	5.0	104	105	1.0	101	98	3.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	105	102	2.9	86	86	0.0	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	95	96	1.0	86	85	1.2	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	102	102	0.0	83	81	2.4	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	101	97	4.0	91	89	2.2	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	97	108	10.7	90	90	0.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	100	103	3.0	95	94	1.1	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	101	98	3.0	88	88	0.0	70 - 130	30

QA/QC Data

SDG I.D.: GBK28661

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dichloroethane	ND	5.0	104	108	3.8	98	97	1.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	103	105	1.9	98	97	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	103	100	3.0	95	92	3.2	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	100	98	2.0	90	88	2.2	70 - 130	30	
1,3-Dichloropropane	ND	5.0	102	102	0.0	95	94	1.1	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	100	97	3.0	87	87	0.0	70 - 130	30	
1,4-dioxane	ND	100	112	130	14.9	119	106	11.6	70 - 130	30	
2,2-Dichloropropane	ND	5.0	110	110	0.0	93	92	1.1	70 - 130	30	
2-Chlorotoluene	ND	5.0	103	97	6.0	92	92	0.0	70 - 130	30	
2-Hexanone	ND	25	95	100	5.1	85	84	1.2	70 - 130	30	
2-Isopropyltoluene	ND	5.0	105	103	1.9	98	96	2.1	70 - 130	30	
4-Chlorotoluene	ND	5.0	101	99	2.0	91	91	0.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	104	114	9.2	93	92	1.1	70 - 130	30	
Acetone	ND	10	86	89	3.4	75	66	12.8	70 - 130	30	m
Acrolein	ND	25	107	112	4.6	63	64	1.6	70 - 130	30	m
Acrylonitrile	ND	5.0	105	112	6.5	98	95	3.1	70 - 130	30	
Benzene	ND	1.0	104	104	0.0	102	100	2.0	70 - 130	30	
Bromobenzene	ND	5.0	101	99	2.0	94	93	1.1	70 - 130	30	
Bromochloromethane	ND	5.0	105	110	4.7	105	101	3.9	70 - 130	30	
Bromodichloromethane	ND	5.0	112	112	0.0	102	101	1.0	70 - 130	30	
Bromoform	ND	5.0	105	108	2.8	91	90	1.1	70 - 130	30	
Bromomethane	ND	5.0	109	106	2.8	64	65	1.6	70 - 130	30	m
Carbon Disulfide	ND	5.0	116	116	0.0	92	89	3.3	70 - 130	30	
Carbon tetrachloride	ND	5.0	106	104	1.9	98	100	2.0	70 - 130	30	
Chlorobenzene	ND	5.0	102	100	2.0	96	94	2.1	70 - 130	30	
Chloroethane	ND	5.0	109	106	2.8	21	16	27.0	70 - 130	30	m
Chloroform	ND	5.0	98	108	9.7	95	95	0.0	70 - 130	30	
Chloromethane	ND	5.0	101	99	2.0	90	90	0.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	105	105	0.0	102	100	2.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	106	110	3.7	95	94	1.1	70 - 130	30	
Dibromochloromethane	ND	3.0	108	110	1.8	99	97	2.0	70 - 130	30	
Dibromomethane	ND	5.0	100	104	3.9	97	94	3.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	90	89	1.1	86	87	1.2	70 - 130	30	
Ethylbenzene	ND	1.0	101	101	0.0	97	97	0.0	70 - 130	30	
Hexachlorobutadiene	ND	5.0	107	104	2.8	93	95	2.1	70 - 130	30	
Isopropylbenzene	ND	1.0	101	97	4.0	94	92	2.2	70 - 130	30	
m&p-Xylene	ND	2.0	102	101	1.0	96	96	0.0	70 - 130	30	
Methyl ethyl ketone	ND	5.0	92	100	8.3	82	83	1.2	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	107	112	4.6	108	101	6.7	70 - 130	30	
Methylene chloride	ND	5.0	106	108	1.9	93	91	2.2	70 - 130	30	
Naphthalene	ND	5.0	105	110	4.7	91	91	0.0	70 - 130	30	
n-Butylbenzene	ND	1.0	107	103	3.8	89	87	2.3	70 - 130	30	
n-Propylbenzene	ND	1.0	97	93	4.2	89	87	2.3	70 - 130	30	
o-Xylene	ND	2.0	103	103	0.0	99	97	2.0	70 - 130	30	
p-Isopropyltoluene	ND	1.0	106	102	3.8	95	93	2.1	70 - 130	30	
sec-Butylbenzene	ND	1.0	105	101	3.9	95	93	2.1	70 - 130	30	
Styrene	ND	5.0	105	104	1.0	99	98	1.0	70 - 130	30	
tert-butyl alcohol	ND	100	107	119	10.6	102	90	12.5	70 - 130	30	
tert-Butylbenzene	ND	1.0	103	98	5.0	96	95	1.0	70 - 130	30	
Tetrachloroethene	ND	5.0	103	102	1.0	100	99	1.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	103	112	8.4	98	91	7.4	70 - 130	30	
Toluene	ND	1.0	104	104	0.0	100	98	2.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	108	109	0.9	106	104	1.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBK28661

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
trans-1,3-Dichloropropene	ND	5.0	105	110	4.7	93	91	2.2	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	115	117	1.7	81	79	2.5	70 - 130	30
Trichloroethene	ND	5.0	100	105	4.9	103	101	2.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	102	104	1.9	64	53	18.8	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	107	108	0.9	96	95	1.0	70 - 130	30
Vinyl chloride	ND	5.0	104	101	2.9	89	91	2.2	70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	101	100	1.0	97	97	0.0	70 - 130	30
% Bromofluorobenzene	99	%	103	103	0.0	101	103	2.0	70 - 130	30
% Dibromofluoromethane	101	%	99	107	7.8	101	101	0.0	70 - 130	30
% Toluene-d8	103	%	102	102	0.0	101	103	2.0	70 - 130	30

QA/QC Batch 327908 (ug/kg), QC Sample No: BK28676 (BK28661, BK28662, BK28663, BK28664, BK28665, BK28666, BK28667, BK28668, BK28669, BK28670)

Semivolatiles - Solid

1,2,4,5-Tetrachlorobenzene	ND	230	71	74	4.1	74	65	12.9	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	66	69	4.4	69	61	12.3	30 - 130	30
1,2-Dichlorobenzene	ND	180	60	63	4.9	62	55	12.0	30 - 130	30
1,2-Diphenylhydrazine	ND	230	72	76	5.4	75	68	9.8	30 - 130	30
1,3-Dichlorobenzene	ND	230	57	60	5.1	59	51	14.5	30 - 130	30
1,4-Dichlorobenzene	ND	230	58	60	3.4	61	53	14.0	30 - 130	30
2,4,5-Trichlorophenol	ND	230	83	88	5.8	82	76	7.6	30 - 130	30
2,4,6-Trichlorophenol	ND	130	81	85	4.8	81	72	11.8	30 - 130	30
2,4-Dichlorophenol	ND	130	76	80	5.1	77	68	12.4	30 - 130	30
2,4-Dimethylphenol	ND	230	70	74	5.6	66	64	3.1	30 - 130	30
2,4-Dinitrophenol	ND	230	<10	<10	NC	66	53	21.8	30 - 130	30
2,4-Dinitrotoluene	ND	130	85	90	5.7	87	79	9.6	30 - 130	30
2,6-Dinitrotoluene	ND	130	82	87	5.9	82	75	8.9	30 - 130	30
2-Chloronaphthalene	ND	230	75	77	2.6	75	66	12.8	30 - 130	30
2-Chlorophenol	ND	230	70	74	5.6	71	64	10.4	30 - 130	30
2-Methylnaphthalene	ND	230	73	76	4.0	74	67	9.9	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	70	74	5.6	68	63	7.6	30 - 130	30
2-Nitroaniline	ND	330	81	86	6.0	82	76	7.6	30 - 130	30
2-Nitrophenol	ND	230	66	68	3.0	68	59	14.2	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	74	78	5.3	73	66	10.1	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	74	77	4.0	69	66	4.4	30 - 130	30
3-Nitroaniline	ND	330	78	83	6.2	77	70	9.5	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	26	34	26.7	90	68	27.8	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	83	85	2.4	82	75	8.9	30 - 130	30
4-Chloro-3-methylphenol	ND	230	80	84	4.9	80	73	9.2	30 - 130	30
4-Chloroaniline	ND	230	72	75	4.1	70	64	9.0	30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	78	82	5.0	78	71	9.4	30 - 130	30
4-Nitroaniline	ND	230	84	88	4.7	85	77	9.9	30 - 130	30
4-Nitrophenol	ND	230	79	85	7.3	82	74	10.3	30 - 130	30
Acenaphthene	ND	230	77	81	5.1	78	69	12.2	30 - 130	30
Acenaphthylene	ND	130	71	74	4.1	71	64	10.4	30 - 130	30
Acetophenone	ND	230	65	68	4.5	67	60	11.0	30 - 130	30
Aniline	ND	330	63	66	4.7	58	53	9.0	30 - 130	30
Anthracene	ND	230	82	85	3.6	83	75	10.1	30 - 130	30
Benz(a)anthracene	ND	230	82	86	4.8	80	74	7.8	30 - 130	30
Benzidine	ND	330	54	60	10.5	13	15	14.3	30 - 130	30
Benzo(a)pyrene	ND	130	81	86	6.0	80	73	9.2	30 - 130	30
Benzo(b)fluoranthene	ND	160	82	89	8.2	81	74	9.0	30 - 130	30
Benzo(ghi)perylene	ND	230	84	89	5.8	86	80	7.2	30 - 130	30

QA/QC Data

SDG I.D.: GBK28661

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Benzo(k)fluoranthene	ND	230	83	88	5.8	82	74	10.3	30 - 130	30
Benzoic Acid	ND	330	<10	<10	NC	33	41	21.6	30 - 130	30
Benzyl butyl phthalate	ND	230	81	84	3.6	79	73	7.9	30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	70	74	5.6	70	63	10.5	30 - 130	30
Bis(2-chloroethyl)ether	ND	130	57	60	5.1	61	57	6.8	30 - 130	30
Bis(2-chloroisopropyl)ether	ND	230	57	60	5.1	58	54	7.1	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	81	85	4.8	81	75	7.7	30 - 130	30
Carbazole	ND	330	82	85	3.6	82	74	10.3	30 - 130	30
Chrysene	ND	230	85	89	4.6	84	77	8.7	30 - 130	30
Dibenz(a,h)anthracene	ND	130	82	86	4.8	82	77	6.3	30 - 130	30
Dibenzofuran	ND	230	79	81	2.5	80	71	11.9	30 - 130	30
Diethyl phthalate	ND	230	82	86	4.8	81	74	9.0	30 - 130	30
Dimethylphthalate	ND	230	81	85	4.8	81	73	10.4	30 - 130	30
Di-n-butylphthalate	110 J	230	83	86	3.6	84	77	8.7	30 - 130	30
Di-n-octylphthalate	ND	230	81	84	3.6	81	75	7.7	30 - 130	30
Fluoranthene	ND	230	84	86	2.4	79	73	7.9	30 - 130	30
Fluorene	ND	230	79	83	4.9	80	72	10.5	30 - 130	30
Hexachlorobenzene	ND	130	79	81	2.5	78	71	9.4	30 - 130	30
Hexachlorobutadiene	ND	230	67	70	4.4	69	61	12.3	30 - 130	30
Hexachlorocyclopentadiene	ND	230	62	65	4.7	61	55	10.3	30 - 130	30
Hexachloroethane	ND	130	56	58	3.5	58	50	14.8	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	83	88	5.8	86	81	6.0	30 - 130	30
Isophorone	ND	130	65	69	6.0	67	60	11.0	30 - 130	30
Naphthalene	ND	230	66	68	3.0	68	61	10.9	30 - 130	30
Nitrobenzene	ND	130	67	70	4.4	70	63	10.5	30 - 130	30
N-Nitrosodimethylamine	ND	230	49	52	5.9	53	47	12.0	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	69	72	4.3	70	63	10.5	30 - 130	30
N-Nitrosodiphenylamine	ND	130	82	87	5.9	82	76	7.6	30 - 130	30
Pentachloronitrobenzene	ND	230	82	85	3.6	80	74	7.8	30 - 130	30
Pentachlorophenol	ND	230	65	69	6.0	73	68	7.1	30 - 130	30
Phenanthrene	ND	130	81	84	3.6	77	69	11.0	30 - 130	30
Phenol	ND	230	69	74	7.0	77	62	21.6	30 - 130	30
Pyrene	ND	230	84	86	2.4	80	73	9.2	30 - 130	30
Pyridine	ND	230	35	36	2.8	39	33	16.7	30 - 130	30
% 2,4,6-Tribromophenol	66	%	73	74	1.4	71	67	5.8	30 - 130	30
% 2-Fluorobiphenyl	68	%	73	75	2.7	73	64	13.1	30 - 130	30
% 2-Fluorophenol	58	%	61	66	7.9	60	57	5.1	30 - 130	30
% Nitrobenzene-d5	58	%	64	67	4.6	64	59	8.1	30 - 130	30
% Phenol-d5	65	%	67	71	5.8	67	61	9.4	30 - 130	30
% Terphenyl-d14	81	%	82	86	4.8	81	74	9.0	30 - 130	30

QA/QC Batch 327906 (ug/Kg), QC Sample No: BK28677 2X (BK28661, BK28662, BK28664, BK28665, BK28667, BK28668)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	33	93	92	1.1	90	79	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	94	93	1.1	95	83	13.5	30 - 150	30
PCB-1262	ND	33							30 - 150	30
PCB-1268	ND	33							30 - 150	30
% DCBP (Surrogate Rec)	77	%	101	98	3.0	95	81	15.9	30 - 150	20

QA/QC Data

SDG I.D.: GBK28661

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% TCMX (Surrogate Rec)	79	%	100	99	1.0	96	84	13.3	30 - 150	20
QA/QC Batch 327911 (ug/Kg), QC Sample No: BK28718 2X (BK28664, BK28665, BK28667, BK28668)										
<u>Pesticides - Solid</u>										
4,4' -DDD	ND	1.7	76	74	2.7	72	96	28.6	30 - 150	30
4,4' -DDE	ND	1.7	82	78	5.0	72	71	1.4	40 - 140	30
4,4' -DDT	ND	1.7	73	76	4.0	101	111	9.4	30 - 150	30
a-BHC	ND	1.0	80	74	7.8	72	76	5.4	30 - 150	30
a-Chlordane	ND	3.3	83	78	6.2	59	54	8.8	30 - 150	30
Aldrin	ND	1.0	78	72	8.0	77	78	1.3	40 - 140	30
b-BHC	ND	1.0	78	74	5.3	116	111	4.4	30 - 150	30
Chlordane	ND	33	95	77	20.9	49	46	6.3	30 - 150	30
d-BHC	ND	3.3	61	57	6.8	59	57	3.4	30 - 150	30
Dieldrin	ND	1.0	77	74	4.0	77	80	3.8	40 - 140	30
Endosulfan I	ND	3.3	76	71	6.8	73	71	2.8	30 - 150	30
Endosulfan II	ND	3.3	78	73	6.6	85	85	0.0	30 - 150	30
Endosulfan sulfate	ND	3.3	67	65	3.0	53	59	10.7	40 - 140	30
Endrin	ND	3.3	83	84	1.2	95	140	38.3	40 - 140	30
Endrin aldehyde	ND	3.3	68	61	10.9	70	88	22.8	30 - 150	30
Endrin ketone	ND	3.3	81	74	9.0	87	123	34.3	30 - 150	30
g-BHC	ND	1.0	84	77	8.7	76	72	5.4	40 - 140	30
g-Chlordane	ND	3.3	95	77	20.9	49	46	6.3	40 - 140	30
Heptachlor	ND	3.3	78	72	8.0	85	83	2.4	40 - 140	30
Heptachlor epoxide	ND	3.3	87	77	12.2	69	70	1.4	30 - 150	30
Methoxychlor	ND	3.3	100	104	3.9	97	104	7.0	30 - 150	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	30 - 150	30
% DCBP	101	%	85	89	4.6	67	53	23.3	30 - 150	30
% TCMX	82	%	77	68	12.4	68	64	6.1	30 - 150	30

QA/QC Batch 328133 (ug/kg), QC Sample No: BK28739 (BK28661 (50X) , BK28664 (50X))

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	5.0	112	111	0.9	90	101	11.5	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	103	103	0.0	86	95	9.9	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	107	105	1.9	80	89	10.7	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	104	102	1.9	84	96	13.3	70 - 130	30
1,1-Dichloroethane	ND	5.0	98	97	1.0	81	90	10.5	70 - 130	30
1,1-Dichloroethene	ND	5.0	107	106	0.9	72	79	9.3	70 - 130	30
1,1-Dichloropropene	ND	5.0	106	105	0.9	87	99	12.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	129	127	1.6	93	113	19.4	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	103	99	4.0	86	96	11.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	126	123	2.4	90	109	19.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	101	100	1.0	87	97	10.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	120	116	3.4	83	98	16.6	70 - 130	30
1,2-Dibromoethane	ND	5.0	112	110	1.8	88	100	12.8	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	104	103	1.0	86	97	12.0	70 - 130	30
1,2-Dichloroethane	ND	5.0	107	106	0.9	86	96	11.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	99	100	1.0	83	94	12.4	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	105	103	1.9	87	96	9.8	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	104	102	1.9	86	96	11.0	70 - 130	30
1,3-Dichloropropane	ND	5.0	108	108	0.0	87	99	12.9	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	102	101	1.0	85	95	11.1	70 - 130	30
1,4-dioxane	ND	100	100	106	5.8	77	87	12.2	70 - 130	30
2,2-Dichloropropane	ND	5.0	104	102	1.9	83	93	11.4	70 - 130	30
2-Chlorotoluene	ND	5.0	103	101	2.0	85	94	10.1	70 - 130	30

QA/QC Data

SDG I.D.: GBK28661

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Hexanone	ND	25	105	102	2.9	80	96	18.2	70 - 130	30	
2-Isopropyltoluene	ND	5.0	109	107	1.9	88	98	10.8	70 - 130	30	
4-Chlorotoluene	ND	5.0	102	100	2.0	85	94	10.1	70 - 130	30	
4-Methyl-2-pentanone	ND	25	108	102	5.7	81	96	16.9	70 - 130	30	
Acetone	ND	10	78	74	5.3	54	59	8.8	70 - 130	30	m
Acrolein	ND	25	114	111	2.7	77	77	0.0	70 - 130	30	
Acrylonitrile	ND	5.0	104	101	2.9	79	93	16.3	70 - 130	30	
Benzene	ND	1.0	103	102	1.0	85	96	12.2	70 - 130	30	
Bromobenzene	ND	5.0	103	103	0.0	85	94	10.1	70 - 130	30	
Bromochloromethane	ND	5.0	103	103	0.0	85	97	13.2	70 - 130	30	
Bromodichloromethane	ND	5.0	110	109	0.9	85	96	12.2	70 - 130	30	
Bromoform	ND	5.0	123	120	2.5	90	103	13.5	70 - 130	30	
Bromomethane	ND	5.0	115	114	0.9	61	73	17.9	70 - 130	30	m
Carbon Disulfide	ND	5.0	110	110	0.0	71	79	10.7	70 - 130	30	
Carbon tetrachloride	ND	5.0	105	103	1.9	82	93	12.6	70 - 130	30	
Chlorobenzene	ND	5.0	105	105	0.0	88	99	11.8	70 - 130	30	
Chloroethane	ND	5.0	105	106	0.9	35	37	5.6	70 - 130	30	m
Chloroform	ND	5.0	101	100	1.0	84	94	11.2	70 - 130	30	
Chloromethane	ND	5.0	91	91	0.0	72	81	11.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	101	100	1.0	85	98	14.2	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	107	106	0.9	86	100	15.1	70 - 130	30	
Dibromochloromethane	ND	3.0	117	116	0.9	87	100	13.9	70 - 130	30	
Dibromomethane	ND	5.0	105	104	1.0	84	98	15.4	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	98	96	2.1	68	77	12.4	70 - 130	30	m
Ethylbenzene	ND	1.0	106	105	0.9	87	98	11.9	70 - 130	30	
Hexachlorobutadiene	ND	5.0	114	111	2.7	93	105	12.1	70 - 130	30	
Isopropylbenzene	ND	1.0	102	101	1.0	85	95	11.1	70 - 130	30	
m&p-Xylene	ND	2.0	107	107	0.0	89	101	12.6	70 - 130	30	
Methyl ethyl ketone	ND	5.0	87	79	9.6	65	76	15.6	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	104	103	1.0	78	87	10.9	70 - 130	30	
Methylene chloride	ND	5.0	97	97	0.0	78	86	9.8	70 - 130	30	
Naphthalene	ND	5.0	142	139	2.1	96	119	21.4	70 - 130	30	l
n-Butylbenzene	ND	1.0	104	100	3.9	87	98	11.9	70 - 130	30	
n-Propylbenzene	ND	1.0	96	95	1.0	85	95	11.1	70 - 130	30	
o-Xylene	ND	2.0	108	107	0.9	90	101	11.5	70 - 130	30	
p-Isopropyltoluene	ND	1.0	107	104	2.8	89	100	11.6	70 - 130	30	
sec-Butylbenzene	ND	1.0	107	104	2.8	87	97	10.9	70 - 130	30	
Styrene	ND	5.0	110	109	0.9	91	103	12.4	70 - 130	30	
tert-butyl alcohol	ND	100	109	111	1.8	83	95	13.5	70 - 130	30	
tert-Butylbenzene	ND	1.0	104	103	1.0	87	96	9.8	70 - 130	30	
Tetrachloroethene	ND	5.0	105	103	1.9	89	104	15.5	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	106	100	5.8	76	90	16.9	70 - 130	30	
Toluene	ND	1.0	103	103	0.0	85	96	12.2	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	110	110	0.0	85	95	11.1	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	109	108	0.9	87	101	14.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	119	115	3.4	81	94	14.9	70 - 130	30	
Trichloroethene	ND	5.0	107	106	0.9	88	104	16.7	70 - 130	30	
Trichlorofluoromethane	ND	5.0	103	101	2.0	25	28	11.3	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	109	104	4.7	76	82	7.6	70 - 130	30	
Vinyl chloride	ND	5.0	102	100	2.0	81	92	12.7	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	100	101	1.0	100	99	1.0	70 - 130	30	
% Bromofluorobenzene	96	%	102	102	0.0	102	101	1.0	70 - 130	30	
% Dibromofluoromethane	99	%	97	99	2.0	98	100	2.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBK28661

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Toluene-d8	98	%	98	98	0.0	98	98	0.0	70 - 130	30
QA/QC Batch 328128 (ug/kg), QC Sample No: BK28962 (BK28666, BK28670)										
Volatiles - Solid										
1,1,1,2-Tetrachloroethane	ND	5.0	101	101	0.0	95	99	4.1	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	109	109	0.0	107	108	0.9	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	108	107	0.9	106	108	1.9	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	105	101	3.9	101	102	1.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	116	115	0.9	114	114	0.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	121	119	1.7	122	121	0.8	70 - 130	30
1,1-Dichloropropene	ND	5.0	108	107	0.9	109	110	0.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	105	106	0.9	105	108	2.8	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	103	99	4.0	101	102	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	103	103	0.0	105	106	0.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	100	102	2.0	103	106	2.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	109	104	4.7	93	100	7.3	70 - 130	30
1,2-Dibromoethane	ND	5.0	101	99	2.0	97	99	2.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	106	106	0.0	107	109	1.9	70 - 130	30
1,2-Dichloroethane	ND	5.0	109	107	1.9	109	110	0.9	70 - 130	30
1,2-Dichloropropane	ND	5.0	110	107	2.8	109	110	0.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	105	106	0.9	108	110	1.8	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	101	101	0.0	104	105	1.0	70 - 130	30
1,3-Dichloropropane	ND	5.0	102	101	1.0	101	101	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	103	104	1.0	106	108	1.9	70 - 130	30
1,4-dioxane	ND	100	112	99	12.3	110	124	12.0	70 - 130	30
2,2-Dichloropropane	ND	5.0	109	107	1.9	110	110	0.0	70 - 130	30
2-Chlorotoluene	ND	5.0	105	106	0.9	109	110	0.9	70 - 130	30
2-Hexanone	ND	25	99	94	5.2	90	93	3.3	70 - 130	30
2-Isopropyltoluene	ND	5.0	110	111	0.9	115	117	1.7	70 - 130	30
4-Chlorotoluene	ND	5.0	103	101	2.0	106	106	0.0	70 - 130	30
4-Methyl-2-pentanone	ND	25	105	99	5.9	97	97	0.0	70 - 130	30
Acetone	ND	10	109	92	16.9	92	93	1.1	70 - 130	30
Acrolein	ND	25	114	109	4.5	107	106	0.9	70 - 130	30
Acrylonitrile	ND	5.0	117	109	7.1	110	111	0.9	70 - 130	30
Benzene	ND	1.0	108	108	0.0	108	111	2.7	70 - 130	30
Bromobenzene	ND	5.0	106	108	1.9	107	109	1.9	70 - 130	30
Bromochloromethane	ND	5.0	106	108	1.9	104	105	1.0	70 - 130	30
Bromodichloromethane	ND	5.0	109	110	0.9	105	106	0.9	70 - 130	30
Bromoform	ND	5.0	99	96	3.1	83	85	2.4	70 - 130	30
Bromomethane	ND	5.0	116	116	0.0	99	101	2.0	70 - 130	30
Carbon Disulfide	ND	5.0	122	121	0.8	125	125	0.0	70 - 130	30
Carbon tetrachloride	ND	5.0	109	108	0.9	101	103	2.0	70 - 130	30
Chlorobenzene	ND	5.0	104	103	1.0	106	107	0.9	70 - 130	30
Chloroethane	ND	5.0	124	121	2.4	31	31	0.0	70 - 130	30 m
Chloroform	ND	5.0	107	106	0.9	105	100	4.9	70 - 130	30
Chloromethane	ND	5.0	121	118	2.5	123	123	0.0	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	112	110	1.8	107	110	2.8	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	108	107	0.9	102	102	0.0	70 - 130	30
Dibromochloromethane	ND	3.0	106	105	0.9	94	96	2.1	70 - 130	30
Dibromomethane	ND	5.0	107	106	0.9	104	105	1.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	131	129	1.5	133	134	0.7	70 - 130	30 l,m
Ethylbenzene	ND	1.0	104	103	1.0	106	107	0.9	70 - 130	30
Hexachlorobutadiene	ND	5.0	107	109	1.9	115	117	1.7	70 - 130	30

QA/QC Data

SDG I.D.: GBK28661

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Isopropylbenzene	ND	1.0	106	105	0.9	108	110	1.8	70 - 130	30
m&p-Xylene	ND	2.0	100	100	0.0	102	104	1.9	70 - 130	30
Methyl ethyl ketone	ND	5.0	107	99	7.8	98	103	5.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	112	110	1.8	105	106	0.9	70 - 130	30
Methylene chloride	ND	5.0	111	113	1.8	104	105	1.0	70 - 130	30
Naphthalene	ND	5.0	112	112	0.0	107	112	4.6	70 - 130	30
n-Butylbenzene	ND	1.0	107	106	0.9	113	115	1.8	70 - 130	30
n-Propylbenzene	ND	1.0	101	102	1.0	105	105	0.0	70 - 130	30
o-Xylene	ND	2.0	103	104	1.0	105	106	0.9	70 - 130	30
p-Isopropyltoluene	ND	1.0	106	107	0.9	111	112	0.9	70 - 130	30
sec-Butylbenzene	ND	1.0	109	109	0.0	114	115	0.9	70 - 130	30
Styrene	ND	5.0	101	100	1.0	101	103	2.0	70 - 130	30
tert-butyl alcohol	ND	100	113	101	11.2	100	111	10.4	70 - 130	30
tert-Butylbenzene	ND	1.0	106	106	0.0	108	110	1.8	70 - 130	30
Tetrachloroethene	ND	5.0	107	105	1.9	108	108	0.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	112	106	5.5	109	108	0.9	70 - 130	30
Toluene	ND	1.0	109	109	0.0	111	112	0.9	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	119	116	2.6	117	118	0.9	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	107	105	1.9	98	101	3.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	109	107	1.9	100	103	3.0	70 - 130	30
Trichloroethene	ND	5.0	108	107	0.9	109	109	0.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	118	114	3.4	61	60	1.7	70 - 130	30 m
Trichlorotrifluoroethane	ND	5.0	119	118	0.8	124	122	1.6	70 - 130	30
Vinyl chloride	ND	5.0	125	121	3.3	124	124	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	95	%	102	102	0.0	100	103	3.0	70 - 130	30
% Bromofluorobenzene	101	%	98	99	1.0	98	97	1.0	70 - 130	30
% Dibromofluoromethane	105	%	104	103	1.0	99	98	1.0	70 - 130	30
% Toluene-d8	91	%	105	105	0.0	104	105	1.0	70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

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

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

December 18, 2015

Sample Criteria Exceedences Report

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

GBK28661 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK28661	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	27	20	20	ug/Kg
BK28661	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	27	20	20	ug/Kg
BK28661	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	270	50	50	ug/Kg
BK28661	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	270	120	120	ug/Kg
BK28661	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	270	50	50	ug/Kg
BK28661	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	270	50	50	ug/Kg
BK28661	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	270	120	120	ug/Kg
BK28661	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	270	50	50	ug/Kg
BK28661	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	27	20	20	ug/Kg
BK28661	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	27	20	20	ug/Kg
BK28661	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	680	260	500	500	ug/Kg
BK28661	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	680	260	500	500	ug/Kg
BK28661	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	680	260	500	500	ug/Kg
BK28661	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2200	100	100	ug/kg
BK28661	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2200	100	100	ug/kg
BK28661	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.5	3.3	3.3	ug/Kg
BK28661	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.5	3.3	3.3	ug/Kg
BK28661	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	9.5	3.3	3.3	ug/Kg
BK28661	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	76.0	0.7	63	63	mg/Kg
BK28662	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	36.0	0.39	30	30	mg/Kg
BK28664	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	180	50	50	ug/Kg
BK28664	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	180	120	120	ug/Kg
BK28664	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	180	50	50	ug/Kg
BK28664	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	180	50	50	ug/Kg
BK28664	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	180	120	120	ug/Kg
BK28664	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	180	50	50	ug/Kg
BK28664	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1400	100	100	ug/kg
BK28664	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1400	100	100	ug/kg
BK28664	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	19.5	0.7	16	16	mg/Kg
BK28664	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	19.5	0.7	16	16	mg/Kg
BK28664	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	19.5	0.7	16	16	mg/Kg
BK28664	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	19.5	0.7	13	13	mg/Kg
BK28664	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	3.41	0.34	2.5	2.5	mg/Kg
BK28664	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	3.41	0.34	2.5	2.5	mg/Kg
BK28664	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	72.6	0.34	50	50	mg/kg
BK28664	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.31	0.03	0.18	0.18	mg/Kg
BK28664	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	36.8	0.34	30	30	mg/Kg
BK28664	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	282	6.9	63	63	mg/Kg
BK28665	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	230	50	50	ug/Kg
BK28665	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	65	230	60	60	ug/Kg

Sample Criteria Exceedences Report

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

GBK28661 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK28665	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	230	120	120	ug/Kg
BK28665	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	230	50	50	ug/Kg
BK28665	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	230	50	50	ug/Kg
BK28665	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	230	50	50	ug/Kg
BK28665	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	65	230	60	60	ug/Kg
BK28665	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	230	120	120	ug/Kg
BK28665	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1800	100	100	ug/kg
BK28665	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1800	100	100	ug/kg
BK28665	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	33.5	0.8	16	16	mg/Kg
BK28665	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	33.5	0.8	16	16	mg/Kg
BK28665	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	33.5	0.8	16	16	mg/Kg
BK28665	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	33.5	0.8	13	13	mg/Kg
BK28665	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	4.01	0.41	2.5	2.5	mg/Kg
BK28665	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	4.01	0.41	2.5	2.5	mg/Kg
BK28665	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	69.6	0.41	30		mg/Kg
BK28665	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	194	4.1	50	50	mg/kg
BK28665	MN-SM	Manganese	NY / 375-6.8 Metals / Ground Water Protection	2750	41	2000	2000	mg/Kg
BK28665	MN-SM	Manganese	NY / 375-6.8 Metals / Residential	2750	41	2000	2000	mg/Kg
BK28665	MN-SM	Manganese	NY / 375-6.8 Metals / Residential Restricted	2750	41	2000	2000	mg/Kg
BK28665	MN-SM	Manganese	NY / 375-6.8 Metals / Unrestricted Use Soil	2750	41	1600	1600	mg/Kg
BK28665	NI-SM	Nickel	NY / 375-6.8 Metals / Ground Water Protection	143	0.41	130	130	mg/Kg
BK28665	NI-SM	Nickel	NY / 375-6.8 Metals / Residential	143	0.41	140	140	mg/Kg
BK28665	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	143	0.41	30	30	mg/Kg
BK28667	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	220	50	50	ug/Kg
BK28667	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	220	120	120	ug/Kg
BK28667	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	220	50	50	ug/Kg
BK28667	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	220	50	50	ug/Kg
BK28667	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	220	120	120	ug/Kg
BK28667	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	220	50	50	ug/Kg
BK28667	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1600	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1500	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1500	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1300	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	820	250	500	500	ug/Kg
BK28667	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1600	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	820	250	500	500	ug/Kg
BK28667	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1300	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	250	1000	1000	ug/Kg

Sample Criteria Exceedences Report

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

GBK28661 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK28667	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	250	800	800	ug/Kg
BK28667	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	250	1000	1000	ug/Kg
BK28667	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	820	250	500	500	ug/Kg
BK28667	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	250	1000	1000	ug/Kg
BK28667	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1800	100	100	ug/kg
BK28667	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1800	100	100	ug/kg
BK28667	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	19.5	0.7	16	16	mg/Kg
BK28667	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	19.5	0.7	16	16	mg/Kg
BK28667	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	19.5	0.7	16	16	mg/Kg
BK28667	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	19.5	0.7	13	13	mg/Kg
BK28667	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	100	0.35	50	50	mg/kg
BK28667	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	0.92	0.03	0.73	0.73	mg/Kg
BK28667	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.92	0.03	0.81	0.81	mg/Kg
BK28667	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	0.92	0.03	0.81	0.81	mg/Kg
BK28667	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.92	0.03	0.18	0.18	mg/Kg
BK28667	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	35.7	0.35	30	30	mg/Kg
BK28667	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	2280	70	450	450	mg/Kg
BK28667	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	2280	70	400	400	mg/Kg
BK28667	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	2280	70	400	400	mg/Kg
BK28667	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	2280	70	63	63	mg/Kg
BK28668	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	340	120	120	ug/Kg
BK28668	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	34	20	20	ug/Kg
BK28668	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	340	50	50	ug/Kg
BK28668	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	140	340	60	60	ug/Kg
BK28668	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	340	50	50	ug/Kg
BK28668	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	34	20	20	ug/Kg
BK28668	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	340	50	50	ug/Kg
BK28668	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	34	20	20	ug/Kg
BK28668	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	140	340	60	60	ug/Kg
BK28668	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	340	50	50	ug/Kg
BK28668	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	34	20	20	ug/Kg
BK28668	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	340	120	120	ug/Kg
BK28668	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	2700	100	100	ug/kg
BK28668	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2700	100	100	ug/kg
BK28669	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	220	50	50	ug/Kg
BK28669	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	220	120	120	ug/Kg
BK28669	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	220	50	50	ug/Kg
BK28669	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	220	50	50	ug/Kg

Friday, December 18, 2015

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

State: NY

Sample Criteria Exceedences Report

Page 4 of 4

GBK28661 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK28669	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	220	120	120	ug/Kg
BK28669	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	220	50	50	ug/Kg
BK28669	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	4500	100	100	ug/kg
BK28669	\$DIOX_SMR	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	4500	100	100	ug/kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria 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

December 18, 2015

SDG I.D.: GBK28661

The samples in this delivery group were received at 3°C.
(Note acceptance criteria is above freezing up to 6°C)

PHOENIX
Environmental Laboratories, Inc.

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

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

Project: 2401 3rd Ave, Bronx, 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

Date: 11/24/15

Matrix Code:
 DRW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
 RL=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
286661	15B 1 0-2	S	11/24	
286662	15B 1 5-7			
286663	15B 2 6-8			
286664	15B 3 0-2			
286665	15B 3 5-7			
286666	15B 3 13-15			
286667	15B 4 0-2			
286668	15B 4 6-9			
286669	15B 4 10-12			
286670	15B 5 6-8			

Relinquished by:

Accepted by:

Date:	Time:

Turnaround:

22

—

Data Format

Bobbing	11-25-15	9:11:15
Bobbing	11-25-15	1730

Comments, Special Requirements or Regulations:

State where samples were collected:

Data Package

☐ NJ Reduced Deliv. *



Friday, December 18, 2015

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

Project ID: 2401 3RD AVE BRONX NY
Sample ID#s: BK27757 - BK27760

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: 2401 3RD AVE BRONX NY
Laboratory Project: GBK27757



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK27757

Environmental Business Consultants 2401 3RD AVE BRONX 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.

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.

Total Cyanide

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



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NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK27757

Environmental Business Consultants 2401 3RD AVE BRONX NY

Sample Id Cross Reference

Client Id	Lab Id	Matrix
15 B12 6-8	BK27757	SOLID
15 B11 0-2	BK27758	SOLID
15 B11 6-8	BK27759	SOLID
SOIL DUPLICATE	BK27760	SOLID



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NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK27757

Environmental Business Consultants 2401 3RD AVE BRONX 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
BK27757	1,4-dioxane	11/23/15	11/25/15	11/25/15	JLI	Y
BK27757	Semivolatiles	11/23/15	11/24/15	11/24/15	KCA	Y
BK27757	Volatiles	11/23/15	11/25/15	11/25/15	JLI	Y
BK27757	Volatiles	11/23/15	11/28/15	11/28/15	JLI	Y
BK27758	1,4-dioxane	11/23/15	11/25/15	11/25/15	JLI	Y
BK27758	Aluminum	11/23/15	11/24/15	11/25/15	EK	Y
BK27758	Antimony	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Arsenic	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Barium	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Beryllium	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Cadmium	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Calcium	11/23/15	11/24/15	11/25/15	EK	Y
BK27758	Chromium	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Cobalt	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Copper	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Iron	11/23/15	11/24/15	12/01/15	EK	Y
BK27758	Lead	11/23/15	11/24/15	11/25/15	EK	Y
BK27758	Magnesium	11/23/15	11/24/15	11/25/15	EK	Y
BK27758	Manganese	11/23/15	11/24/15	11/25/15	EK	Y
BK27758	Mercury	11/23/15	11/30/15	11/30/15	RS	Y
BK27758	Nickel	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Pesticides - Soil	11/23/15	11/24/15	12/01/15	CE	Y
BK27758	Polychlorinated Biphenyls	11/23/15	11/24/15	11/25/15	AW	Y
BK27758	Potassium	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Selenium	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Semivolatiles	11/23/15	11/24/15	11/24/15	KCA	Y
BK27758	Silver	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Sodium	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Thallium	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Total Cyanide (SW9010C Distill.)	11/23/15	11/25/15	11/25/15	O/GD	Y
BK27758	Vanadium	11/23/15	11/24/15	11/25/15	LK	Y
BK27758	Volatiles	11/23/15	11/25/15	11/25/15	JLI	Y



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NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK27757

Environmental Business Consultants 2401 3RD AVE BRONX NY

BK27758	Volatiles	11/23/15	11/25/15	11/25/15	JLI	Y
BK27758	Zinc	11/23/15	11/24/15	11/25/15	EK	Y
BK27759	1,4-dioxane	11/23/15	11/25/15	11/25/15	JLI	Y
BK27759	Aluminum	11/23/15	11/24/15	11/25/15	EK	Y
BK27759	Antimony	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Arsenic	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Barium	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Beryllium	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Cadmium	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Calcium	11/23/15	11/24/15	11/25/15	EK	Y
BK27759	Chromium	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Cobalt	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Copper	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Iron	11/23/15	11/24/15	11/25/15	EK	Y
BK27759	Lead	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Magnesium	11/23/15	11/24/15	11/25/15	EK	Y
BK27759	Manganese	11/23/15	11/24/15	12/01/15	EK	Y
BK27759	Mercury	11/23/15	11/30/15	11/30/15	RS	Y
BK27759	Nickel	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Pesticides - Soil	11/23/15	11/24/15	12/01/15	CE	Y
BK27759	Polychlorinated Biphenyls	11/23/15	11/24/15	11/26/15	AW	Y
BK27759	Potassium	11/23/15	11/24/15	11/25/15	EK	Y
BK27759	Selenium	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Semivolatiles	11/23/15	11/24/15	11/24/15	KCA	Y
BK27759	Silver	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Sodium	11/23/15	11/24/15	11/25/15	EK	Y
BK27759	Thallium	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Total Cyanide (SW9010C Distill.)	11/23/15	11/25/15	11/25/15	O/GD	Y
BK27759	Vanadium	11/23/15	11/24/15	11/25/15	LK	Y
BK27759	Volatiles	11/23/15	11/25/15	11/25/15	JLI	Y
BK27759	Volatiles	11/23/15	11/25/15	11/25/15	JLI	Y
BK27759	Zinc	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	1,4-dioxane	11/23/15	11/25/15	11/25/15	JLI	Y
BK27760	Aluminum	11/23/15	11/24/15	11/25/15	EK	Y
BK27760	Antimony	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Arsenic	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Barium	11/23/15	11/24/15	11/25/15	LK	Y



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NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK27757

Environmental Business Consultants 2401 3RD AVE BRONX NY

BK27760	Beryllium	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Cadmium	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Calcium	11/23/15	11/24/15	11/25/15	EK	Y
BK27760	Chromium	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Cobalt	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Copper	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Iron	11/23/15	11/24/15	12/01/15	EK	Y
BK27760	Lead	11/23/15	11/24/15	11/25/15	EK	Y
BK27760	Magnesium	11/23/15	11/24/15	11/25/15	EK	Y
BK27760	Manganese	11/23/15	11/24/15	12/01/15	EK	Y
BK27760	Mercury	11/23/15	11/30/15	11/30/15	RS	Y
BK27760	Nickel	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Pesticides - Soil	11/23/15	11/24/15	12/01/15	CE	Y
BK27760	Polychlorinated Biphenyls	11/23/15	11/24/15	11/26/15	AW	Y
BK27760	Potassium	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Selenium	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Semivolatiles	11/23/15	11/24/15	11/24/15	KCA	Y
BK27760	Silver	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Sodium	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Thallium	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Total Cyanide (SW9010C Distill.)	11/23/15	11/25/15	11/25/15	O/GD	Y
BK27760	Vanadium	11/23/15	11/24/15	11/25/15	LK	Y
BK27760	Volatiles	11/23/15	11/25/15	11/25/15	JLI	Y
BK27760	Volatiles	11/23/15	11/25/15	11/25/15	JLI	Y
BK27760	Zinc	11/23/15	11/24/15	11/25/15	EK	Y



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



SDG Comments

December 18, 2015

SDG I.D.: GBK27757

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.



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date Time

11/23/15
11/24/15 14:17

Laboratory Data

SDG ID: GBK27757
Phoenix ID: BK27757

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B12 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89			%		11/24/15	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/24/15	BJ/CKV	SW3545A
Field Extraction	Completed					11/23/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	270	54	ug/Kg	50	11/28/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	270	54	ug/Kg	50	11/28/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	270	54	ug/Kg	50	11/28/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	270	54	ug/Kg	50	11/28/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C
2-Chlorotoluene	ND	270	54	ug/Kg	50	11/28/15	JLI	SW8260C
2-Hexanone	ND	22	4.4	ug/Kg	1	11/25/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C	1
4-Chlorotoluene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	22	4.4	ug/Kg	1	11/25/15	JLI	SW8260C	
Acetone	100	S 44	4.4	ug/Kg	1	11/25/15	JLI	SW8260C	
Acrylonitrile	ND	8.9	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
Benzene	61	60	27	ug/Kg	50	11/28/15	JLI	SW8260C	
Bromobenzene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C	
Bromochloromethane	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromodichloromethane	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromoform	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromomethane	ND	4.4	1.8	ug/Kg	1	11/25/15	JLI	SW8260C	
Carbon Disulfide	2.3	J 4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
Carbon tetrachloride	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
Chlorobenzene	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
Chloroethane	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
Chloroform	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
Chloromethane	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
Dibromochloromethane	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
Dibromomethane	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
Ethylbenzene	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
Hexachlorobutadiene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C	
Isopropylbenzene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C	
m&p-Xylene	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	27	4.4	ug/Kg	1	11/25/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	8.9	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
Methylene chloride	ND	4.4	4.4	ug/Kg	1	11/25/15	JLI	SW8260C	
Naphthalene	ND	270	54	ug/Kg	50	11/28/15	JLI	SW8260C	
n-Butylbenzene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C	
n-Propylbenzene	ND	270	49	ug/Kg	50	11/28/15	JLI	SW8260C	
o-Xylene	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
p-Isopropyltoluene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C	
sec-Butylbenzene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C	
Styrene	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
tert-Butylbenzene	ND	270	27	ug/Kg	50	11/28/15	JLI	SW8260C	
Tetrachloroethene	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	8.9	2.2	ug/Kg	1	11/25/15	JLI	SW8260C	1
Toluene	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	540	140	ug/Kg	50	11/28/15	JLI	SW8260C	
Trichloroethene	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
Trichlorofluoromethane	ND	4.4	0.89	ug/Kg	1	11/25/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
Vinyl chloride	ND	4.4	0.44	ug/Kg	1	11/25/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	50	11/28/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	100			%	50	11/28/15	JLI	70 - 130 %
% Dibromofluoromethane	108			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	85			%	1	11/25/15	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	89	36	ug/kg	1	11/25/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	134			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	78			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	85			%	1	11/25/15	JLI	70 - 130 %

3

Volatiles

1,1,1,2-Tetrachloroethane	ND	18	0.89	ug/Kg	1	11/25/15	JLI	SW8260C
Acrolein	ND	18	2.2	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	18	0.44	ug/Kg	1	11/25/15	JLI	SW8260C
Tert-butyl alcohol	ND	89	18	ug/Kg	1	11/25/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 11/25/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrophenol	ND	740	260	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	11/24/15	KCA	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitroaniline	ND	740	380	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	11/24/15	KCA	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/24/15	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	740	180	ug/Kg	1	11/24/15	KCA	SW8270D
3-Nitroaniline	ND	740	740	ug/Kg	1	11/24/15	KCA	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	1	11/24/15	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitroaniline	ND	740	120	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/24/15	KCA	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benz(a)anthracene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzidine	ND	740	220	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(a)pyrene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzoic acid	ND	1900	740	ug/Kg	1	11/24/15	KCA	SW8270D
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Carbazole	ND	1900	280	ug/Kg	1	11/24/15	KCA	SW8270D
Chrysene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-butylphthalate	ND	260	99	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-octylphthalate	ND	260	96	ug/Kg	1	11/24/15	KCA	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Isophorone	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	11/24/15	KCA	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Pyrene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Pyridine	ND	260	92	ug/Kg	1	11/24/15	KCA	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	66			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorobiphenyl	61			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorophenol	52			%	1	11/24/15	KCA	30 - 130 %
% Nitrobenzene-d5	48			%	1	11/24/15	KCA	30 - 130 %
% Phenol-d5	58			%	1	11/24/15	KCA	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	71			%	1	11/24/15	KCA	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	KCA	1

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:

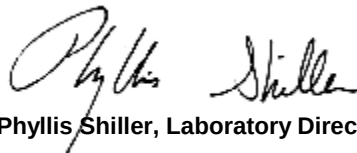
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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

December 18, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/23/15
 11/24/15

Time

14:17

Laboratory Data

SDG ID: GBK27757
 Phoenix ID: BK27758

Project ID: 2401 3RD AVE BRONX NY
 Client ID: 15 B11 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	1	11/25/15	LK	SW6010C
Aluminum	6420	36	7.3	mg/Kg	10	11/25/15	EK	SW6010C
Arsenic	14.2	0.7	0.73	mg/Kg	1	11/25/15	LK	SW6010C
Barium	87.5	0.7	0.36	mg/Kg	1	11/25/15	LK	SW6010C
Beryllium	0.40	0.29	0.15	mg/Kg	1	11/25/15	LK	SW6010C
Calcium	13500	36	34	mg/Kg	10	11/25/15	EK	SW6010C
Cadmium	2.06	0.36	0.15	mg/Kg	1	11/25/15	LK	SW6010C
Cobalt	26.8	0.36	0.36	mg/Kg	1	11/25/15	LK	SW6010C
Chromium	18.4	0.36	0.36	mg/Kg	1	11/25/15	LK	SW6010C
Copper	51.2	0.36	0.36	mg/kg	1	11/25/15	LK	SW6010C
Iron	96400	360	360	mg/Kg	100	12/01/15	EK	SW6010C
Mercury	0.22	* 0.03	0.02	mg/Kg	1	11/30/15	RS	SW7471B
Potassium	707	7	2.8	mg/Kg	1	11/25/15	LK	SW6010C
Magnesium	1460	36	36	mg/Kg	10	11/25/15	EK	SW6010C
Manganese	793	3.6	3.6	mg/Kg	10	11/25/15	EK	SW6010C
Sodium	238	7	3.1	mg/Kg	1	11/25/15	LK	SW6010C
Nickel	33.0	0.36	0.36	mg/Kg	1	11/25/15	LK	SW6010C
Lead	317	N 7.3	3.6	mg/Kg	10	11/25/15	EK	SW6010C
Antimony	< 1.8	1.8	1.8	mg/Kg	1	11/25/15	LK	SW6010C
Selenium	< 1.5	1.5	1.2	mg/Kg	1	11/25/15	LK	SW6010C
Thallium	< 1.5	1.5	1.5	mg/Kg	1	11/25/15	LK	SW6010C
Vanadium	47.1	0.4	0.36	mg/Kg	1	11/25/15	LK	SW6010C
Zinc	123	7.3	3.6	mg/Kg	10	11/25/15	EK	SW6010C
Percent Solid	89			%		11/24/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	0.265	B 0.51	0.25	mg/Kg	1	11/25/15	O/GD	SW9012B
Soil Extraction for PCB	Completed					11/24/15	BC	SW3545A
Soil Extraction for Pesticide	Completed					11/24/15	BC/V	SW3545A
Soil Extraction for SVOA	Completed					11/24/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/30/15	W/W	SW7471B
Total Metals Digest	Completed					11/24/15	G/AG	SW3050B
Field Extraction	Completed					11/23/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	37	37	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1260	ND	37	37	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	11/25/15	AW	SW8082A

QA/QC Surrogates

% DCBP	71			%	2	11/25/15	AW	30 - 150 %
% TCMX	86			%	2	11/25/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	12/01/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	12/01/15	CE	SW8081B
4,4' -DDT	4.2	2.2	2.2	ug/Kg	2	12/01/15	CE	SW8081B
α-BHC	ND	7.4	7.4	ug/Kg	2	12/01/15	CE	SW8081B
α-Chlordane	ND	3.7	3.7	ug/Kg	2	12/01/15	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	12/01/15	CE	SW8081B
β-BHC	ND	7.4	7.4	ug/Kg	2	12/01/15	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	12/01/15	CE	SW8081B
δ-BHC	ND	7.4	7.4	ug/Kg	2	12/01/15	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	12/01/15	CE	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	12/01/15	CE	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	12/01/15	CE	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	12/01/15	CE	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	12/01/15	CE	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	12/01/15	CE	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	12/01/15	CE	SW8081B
γ-BHC	ND	1.5	1.5	ug/Kg	2	12/01/15	CE	SW8081B
γ-Chlordane	ND	3.7	3.7	ug/Kg	2	12/01/15	CE	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	12/01/15	CE	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	12/01/15	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	12/01/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	12/01/15	CE	SW8081B

QA/QC Surrogates

% DCBP	89			%	2	12/01/15	CE	30 - 150 %
% TCMX	76			%	2	12/01/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
1,1-Dichloroethene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
1,1-Dichloropropene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
1,2-Dibromoethane	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
1,2-Dichloroethane	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
1,2-Dichloropropane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
1,3-Dichloropropane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
2,2-Dichloropropane	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
2-Chlorotoluene	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
2-Hexanone	ND	37	7.5	ug/Kg	1	11/25/15	J/P	SW8260C
2-Isopropyltoluene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
4-Chlorotoluene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
4-Methyl-2-pentanone	ND	37	7.5	ug/Kg	1	11/25/15	J/P	SW8260C
Acetone	ND	37	7.5	ug/Kg	1	11/25/15	J/P	SW8260C
Acrylonitrile	ND	15	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
Benzene	0.79	J 7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Bromobenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Bromochloromethane	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Bromodichloromethane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
Bromoform	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
Bromomethane	ND	7.5	3.0	ug/Kg	1	11/25/15	J/P	SW8260C
Carbon Disulfide	2.8	J 7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
Carbon tetrachloride	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
Chlorobenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Chloroethane	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Chloroform	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Chloromethane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
cis-1,2-Dichloroethene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
cis-1,3-Dichloropropene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Dibromochloromethane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
Dibromomethane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
Dichlorodifluoromethane	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Ethylbenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Hexachlorobutadiene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Isopropylbenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
m&p-Xylene	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
Methyl Ethyl Ketone	ND	45	7.5	ug/Kg	1	11/25/15	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	15	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
Methylene chloride	ND	7.5	7.5	ug/Kg	1	11/25/15	J/P	SW8260C
Naphthalene	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
n-Propylbenzene	ND	7.5	1.3	ug/Kg	1	11/25/15	J/P	SW8260C
o-Xylene	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
p-Isopropyltoluene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
sec-Butylbenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Styrene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
tert-Butylbenzene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Tetrachloroethene	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
Tetrahydrofuran (THF)	ND	15	3.7	ug/Kg	1	11/25/15	J/P	SW8260C
Toluene	1.3	J 7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
trans-1,2-Dichloroethene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
trans-1,3-Dichloropropene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	15	3.7	ug/Kg	1	11/25/15	J/P	SW8260C
Trichloroethene	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Trichlorofluoromethane	ND	7.5	1.5	ug/Kg	1	11/25/15	J/P	SW8260C
Trichlorotrifluoroethane	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
Vinyl chloride	ND	7.5	0.75	ug/Kg	1	11/25/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	114			%	1	11/25/15	J/P	70 - 130 %
% Bromofluorobenzene	88			%	1	11/25/15	J/P	70 - 130 %
% Dibromofluoromethane	101			%	1	11/25/15	J/P	70 - 130 %
% Toluene-d8	90			%	1	11/25/15	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	60	ug/kg	1	11/25/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	114			%	1	11/25/15	J/P	70 - 130 %
% Bromofluorobenzene	88			%	1	11/25/15	J/P	70 - 130 %
% Toluene-d8	90			%	1	11/25/15	J/P	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	30	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
Acrolein	ND	30	3.7	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	30	0.75	ug/Kg	1	11/25/15	JLI	SW8260C
Tert-butyl alcohol	ND	150	30	ug/Kg	1	11/25/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/25/15	JLI	
Client MS/MSD	Completed					11/30/15		
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	11/24/15	KCA	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrophenol	ND	740	260	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	11/24/15	KCA	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylnaphthalene	160	J 260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitroaniline	ND	740	370	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitrophenol	ND	260	230	ug/Kg	1	11/24/15	KCA	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/24/15	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	1	11/24/15	KCA	SW8270D
3-Nitroaniline	ND	740	740	ug/Kg	1	11/24/15	KCA	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	1	11/24/15	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitroaniline	ND	740	120	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/24/15	KCA	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benz(a)anthracene	140	J 260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzidine	ND	740	220	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(a)pyrene	130	J 260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(b)fluoranthene	130	J 260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzoic acid	ND	1900	740	ug/Kg	1	11/24/15	KCA	SW8270D
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Carbazole	ND	1900	280	ug/Kg	1	11/24/15	KCA	SW8270D
Chrysene	180	J 260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dimethylphthalate	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-butylphthalate	ND	260	99	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-octylphthalate	ND	260	96	ug/Kg	1	11/24/15	KCA	SW8270D
Fluoranthene	280	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachloroethane	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Isophorone	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Naphthalene	170	J 260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	11/24/15	KCA	SW8270D
Phenanthrene	220	J 260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Pyrene	220	J 260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Pyridine	ND	260	91	ug/Kg	1	11/24/15	KCA	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	66			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorobiphenyl	69			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorophenol	52			%	1	11/24/15	KCA	30 - 130 %
% Nitrobenzene-d5	58			%	1	11/24/15	KCA	30 - 130 %
% Phenol-d5	63			%	1	11/24/15	KCA	30 - 130 %
% Terphenyl-d14	73			%	1	11/24/15	KCA	30 - 130 %

SVOA Library Search Top 25 Completed 11/25/15 KCA 1

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:

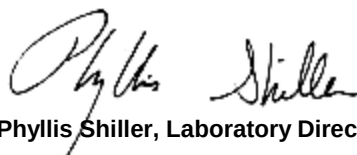
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 18, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date Time

11/23/15
11/24/15 14:17

Laboratory Data

SDG ID: GBK27757
Phoenix ID: BK27759

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B11 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.39	0.39	0.39	mg/Kg	1	11/25/15	LK	SW6010C
Aluminum	9670	39	7.7	mg/Kg	10	11/25/15	EK	SW6010C
Arsenic	1.5	0.8	0.77	mg/Kg	1	11/25/15	LK	SW6010C
Barium	27.0	0.8	0.39	mg/Kg	1	11/25/15	LK	SW6010C
Beryllium	0.38	0.31	0.15	mg/Kg	1	11/25/15	LK	SW6010C
Calcium	5850	39	36	mg/Kg	10	11/25/15	EK	SW6010C
Cadmium	1.59	0.39	0.15	mg/Kg	1	11/25/15	LK	SW6010C
Cobalt	16.9	0.39	0.39	mg/Kg	1	11/25/15	LK	SW6010C
Chromium	23.2	0.39	0.39	mg/Kg	1	11/25/15	LK	SW6010C
Copper	31.1	0.39	0.39	mg/kg	1	11/25/15	LK	SW6010C
Iron	82500	39	39	mg/Kg	10	11/25/15	EK	SW6010C
Mercury	< 0.03	* 0.03	0.02	mg/Kg	1	11/30/15	RS	SW7471B
Potassium	916	77	30	mg/Kg	10	11/25/15	EK	SW6010C
Magnesium	6540	39	39	mg/Kg	10	11/25/15	EK	SW6010C
Manganese	2450	39	39	mg/Kg	100	12/01/15	EK	SW6010C
Sodium	1610	77	33	mg/Kg	10	11/25/15	EK	SW6010C
Nickel	22.6	0.39	0.39	mg/Kg	1	11/25/15	LK	SW6010C
Lead	50.7	N 0.8	0.39	mg/Kg	1	11/25/15	LK	SW6010C
Antimony	< 1.9	1.9	1.9	mg/Kg	1	11/25/15	LK	SW6010C
Selenium	< 1.5	1.5	1.3	mg/Kg	1	11/25/15	LK	SW6010C
Thallium	< 1.5	1.5	1.5	mg/Kg	1	11/25/15	LK	SW6010C
Vanadium	33.8	0.4	0.39	mg/Kg	1	11/25/15	LK	SW6010C
Zinc	24.6	0.8	0.39	mg/Kg	1	11/25/15	LK	SW6010C
Percent Solid	83			%		11/24/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.54	0.54	0.27	mg/Kg	1	11/25/15	O/GD	SW9012B
Soil Extraction for PCB	Completed					11/24/15	BC	SW3545A
Soil Extraction for Pesticide	Completed					11/24/15	BC/V	SW3545A
Soil Extraction for SVOA	Completed					11/24/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/30/15	W/W	SW7471B
Total Metals Digest	Completed					11/24/15	G/AG	SW3050B
Field Extraction	Completed					11/23/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	40	40	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1221	ND	40	40	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1232	ND	40	40	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1242	ND	40	40	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1248	ND	40	40	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1254	ND	40	40	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1260	ND	40	40	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1262	ND	40	40	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1268	ND	40	40	ug/Kg	2	11/26/15	AW	SW8082A

QA/QC Surrogates

% DCBP	86			%	2	11/26/15	AW	30 - 150 %
% TCMX	90			%	2	11/26/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	12/01/15	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	12/01/15	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	12/01/15	CE	SW8081B
a-BHC	ND	8.0	8.0	ug/Kg	2	12/01/15	CE	SW8081B
a-Chlordane	ND	4.0	4.0	ug/Kg	2	12/01/15	CE	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	12/01/15	CE	SW8081B
b-BHC	ND	8.0	8.0	ug/Kg	2	12/01/15	CE	SW8081B
Chlordane	ND	40	40	ug/Kg	2	12/01/15	CE	SW8081B
d-BHC	ND	8.0	8.0	ug/Kg	2	12/01/15	CE	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	12/01/15	CE	SW8081B
Endosulfan I	ND	8.0	8.0	ug/Kg	2	12/01/15	CE	SW8081B
Endosulfan II	ND	8.0	8.0	ug/Kg	2	12/01/15	CE	SW8081B
Endosulfan sulfate	ND	8.0	8.0	ug/Kg	2	12/01/15	CE	SW8081B
Endrin	ND	8.0	8.0	ug/Kg	2	12/01/15	CE	SW8081B
Endrin aldehyde	ND	8.0	8.0	ug/Kg	2	12/01/15	CE	SW8081B
Endrin ketone	ND	8.0	8.0	ug/Kg	2	12/01/15	CE	SW8081B
g-BHC	ND	1.6	1.6	ug/Kg	2	12/01/15	CE	SW8081B
g-Chlordane	ND	4.0	4.0	ug/Kg	2	12/01/15	CE	SW8081B
Heptachlor	ND	8.0	8.0	ug/Kg	2	12/01/15	CE	SW8081B
Heptachlor epoxide	ND	8.0	8.0	ug/Kg	2	12/01/15	CE	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	12/01/15	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	12/01/15	CE	SW8081B

QA/QC Surrogates

% DCBP	82			%	2	12/01/15	CE	30 - 150 %
% TCMX	72			%	2	12/01/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloroethene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloropropene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromoethane	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloroethane	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloropropane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichloropropane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
2,2-Dichloropropane	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
2-Chlorotoluene	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
2-Hexanone	ND	18	3.7	ug/Kg	1	11/25/15	JLI	SW8260C
2-Isopropyltoluene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
4-Chlorotoluene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	18	3.7	ug/Kg	1	11/25/15	JLI	SW8260C
Acetone	19	JS 37	3.7	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	7.3	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Benzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Bromobenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Bromochloromethane	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Bromodichloromethane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Bromoform	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Bromomethane	ND	3.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
Carbon Disulfide	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Carbon tetrachloride	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Chlorobenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Chloroethane	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Chloroform	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Chloromethane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Dibromochloromethane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Dibromomethane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Dichlorodifluoromethane	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Ethylbenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Hexachlorobutadiene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Isopropylbenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
m&p-Xylene	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	22	3.7	ug/Kg	1	11/25/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	7.3	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Methylene chloride	ND	3.7	3.7	ug/Kg	1	11/25/15	JLI	SW8260C
Naphthalene	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
n-Propylbenzene	ND	3.7	0.66	ug/Kg	1	11/25/15	JLI	SW8260C
o-Xylene	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
p-Isopropyltoluene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
sec-Butylbenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Styrene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
tert-Butylbenzene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Tetrachloroethene	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	7.3	1.8	ug/Kg	1	11/25/15	JLI	SW8260C
Toluene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	7.3	1.8	ug/Kg	1	11/25/15	JLI	SW8260C
Trichloroethene	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Trichlorofluoromethane	ND	3.7	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Vinyl chloride	ND	3.7	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/25/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/25/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	73	29	ug/kg	1	11/25/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/25/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	15	0.73	ug/Kg	1	11/25/15	JLI	SW8260C
Acrolein	ND	15	1.8	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	15	0.37	ug/Kg	1	11/25/15	JLI	SW8260C
Tert-butyl alcohol	ND	73	15	ug/Kg	1	11/25/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/25/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
1,3-Dichlorobenzene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
1,4-Dichlorobenzene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dimethylphenol	ND	270	97	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrophenol	ND	780	270	ug/Kg	1	11/24/15	KCA	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylnaphthalene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitroaniline	ND	780	390	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitrophenol	ND	270	250	ug/Kg	1	11/24/15	KCA	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	780	180	ug/Kg	1	11/24/15	KCA	SW8270D
3-Nitroaniline	ND	780	780	ug/Kg	1	11/24/15	KCA	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	420	ug/Kg	1	11/24/15	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitroaniline	ND	780	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitrophenol	ND	390	180	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/24/15	KCA	SW8270D
Anthracene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzidine	ND	780	230	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(a)pyrene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzoic acid	ND	1900	780	ug/Kg	1	11/24/15	KCA	SW8270D
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Carbazole	ND	1900	300	ug/Kg	1	11/24/15	KCA	SW8270D
Chrysene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-octylphthalate	ND	270	100	ug/Kg	1	11/24/15	KCA	SW8270D
Fluoranthene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobenzene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachloroethane	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Isophorone	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Nitrobenzene	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachloronitrobenzene	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachlorophenol	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Pyrene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Pyridine	ND	270	96	ug/Kg	1	11/24/15	KCA	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	40			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorobiphenyl	39			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorophenol	32			%	1	11/24/15	KCA	30 - 130 %
% Nitrobenzene-d5	28			%	1	11/24/15	KCA	30 - 130 %
% Phenol-d5	36			%	1	11/24/15	KCA	30 - 130 %
% Terphenyl-d14	52			%	1	11/24/15	KCA	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	KCA	

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.

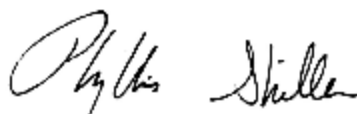
Semi-Volatile Comment:

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.

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

December 18, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/23/15
11/24/15

Time

14:17

Laboratory Data

SDG ID: GBK27757
Phoenix ID: BK27760

Project ID: 2401 3RD AVE BRONX NY
Client ID: SOIL DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34	0.34	0.34	mg/Kg	1	11/25/15	LK	SW6010C
Aluminum	4910	34	6.8	mg/Kg	10	11/25/15	EK	SW6010C
Arsenic	18.6	0.7	0.68	mg/Kg	1	11/25/15	LK	SW6010C
Barium	84.0	0.7	0.34	mg/Kg	1	11/25/15	LK	SW6010C
Beryllium	0.24	B 0.27	0.14	mg/Kg	1	11/25/15	LK	SW6010C
Calcium	9820	34	31	mg/Kg	10	11/25/15	EK	SW6010C
Cadmium	2.33	0.34	0.14	mg/Kg	1	11/25/15	LK	SW6010C
Cobalt	28.4	0.34	0.34	mg/Kg	1	11/25/15	LK	SW6010C
Chromium	21.4	0.34	0.34	mg/Kg	1	11/25/15	LK	SW6010C
Copper	35.5	0.34	0.34	mg/kg	1	11/25/15	LK	SW6010C
Iron	116000	340	340	mg/Kg	100	12/01/15	EK	SW6010C
Mercury	0.21	* 0.03	0.02	mg/Kg	1	11/30/15	RS	SW7471B
Potassium	518	7	2.6	mg/Kg	1	11/25/15	LK	SW6010C
Magnesium	1280	34	34	mg/Kg	10	11/25/15	EK	SW6010C
Manganese	1950	34	34	mg/Kg	100	12/01/15	EK	SW6010C
Sodium	274	7	2.9	mg/Kg	1	11/25/15	LK	SW6010C
Nickel	38.6	0.34	0.34	mg/Kg	1	11/25/15	LK	SW6010C
Lead	476	N 6.8	3.4	mg/Kg	10	11/25/15	EK	SW6010C
Antimony	< 1.7	1.7	1.7	mg/Kg	1	11/25/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	11/25/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	11/25/15	LK	SW6010C
Vanadium	55.0	0.3	0.34	mg/Kg	1	11/25/15	LK	SW6010C
Zinc	236	6.8	3.4	mg/Kg	10	11/25/15	EK	SW6010C
Percent Solid	92			%		11/24/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.49	0.49	0.24	mg/Kg	1	11/25/15	O/GD	SW9012B
Soil Extraction for PCB	Completed					11/24/15	BC	SW3545A
Soil Extraction for Pesticide	Completed					11/24/15	BC/V	SW3545A
Soil Extraction for SVOA	Completed					11/24/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/30/15	W/W	SW7471B
Total Metals Digest	Completed					11/24/15	G/AG	SW3050B
Field Extraction	Completed					11/23/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	11/26/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	11/26/15	AW	SW8082A

QA/QC Surrogates

% DCBP	62			%	2	11/26/15	AW	30 - 150 %
% TCMX	64			%	2	11/26/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	12/01/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	12/01/15	CE	SW8081B
4,4' -DDT	3.6	2.2	2.2	ug/Kg	2	12/01/15	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	12/01/15	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	12/01/15	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	12/01/15	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	12/01/15	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	12/01/15	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	12/01/15	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	12/01/15	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	12/01/15	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	12/01/15	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	12/01/15	CE	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	12/01/15	CE	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	12/01/15	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	12/01/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	12/01/15	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	12/01/15	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	12/01/15	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	12/01/15	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	12/01/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	12/01/15	CE	SW8081B

QA/QC Surrogates

% DCBP	72			%	2	12/01/15	CE	30 - 150 %
% TCMX	57			%	2	12/01/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	250	69	ug/Kg	50	11/25/15	J/P	SW8260C
1,1-Dichloroethene	ND	330	34	ug/Kg	50	11/25/15	J/P	SW8260C
1,1-Dichloropropene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
1,2-Dibromoethane	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
1,2-Dichloroethane	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
1,2-Dichloropropane	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
1,3-Dichloropropane	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
2,2-Dichloropropane	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
2-Chlorotoluene	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
2-Hexanone	ND	1700	340	ug/Kg	50	11/25/15	J/P	SW8260C
2-Isopropyltoluene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
4-Chlorotoluene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
4-Methyl-2-pentanone	ND	1700	340	ug/Kg	50	11/25/15	J/P	SW8260C
Acetone	ND	340	340	ug/Kg	50	11/25/15	J/P	SW8260C
Acrylonitrile	ND	690	69	ug/Kg	50	11/25/15	J/P	SW8260C
Benzene	57	J 60	34	ug/Kg	50	11/25/15	J/P	SW8260C
Bromobenzene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Bromochloromethane	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Bromodichloromethane	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
Bromoform	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
Bromomethane	ND	340	140	ug/Kg	50	11/25/15	J/P	SW8260C
Carbon Disulfide	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
Carbon tetrachloride	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
Chlorobenzene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Chloroethane	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Chloroform	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Chloromethane	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
cis-1,2-Dichloroethene	ND	250	34	ug/Kg	50	11/25/15	J/P	SW8260C
cis-1,3-Dichloropropene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Dibromochloromethane	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
Dibromomethane	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
Dichlorodifluoromethane	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Ethylbenzene	44	J 340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Hexachlorobutadiene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Isopropylbenzene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
m&p-Xylene	73	J 340	69	ug/Kg	50	11/25/15	J/P	SW8260C
Methyl Ethyl Ketone	ND	340	340	ug/Kg	50	11/25/15	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	690	69	ug/Kg	50	11/25/15	J/P	SW8260C
Methylene chloride	ND	340	340	ug/Kg	50	11/25/15	J/P	SW8260C
Naphthalene	160	J 340	69	ug/Kg	50	11/25/15	J/P	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
n-Propylbenzene	ND	340	62	ug/Kg	50	11/25/15	J/P	SW8260C
o-Xylene	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
p-Isopropyltoluene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
sec-Butylbenzene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Styrene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
tert-Butylbenzene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Tetrachloroethene	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
Tetrahydrofuran (THF)	ND	690	170	ug/Kg	50	11/25/15	J/P	SW8260C
Toluene	75	J 340	34	ug/Kg	50	11/25/15	J/P	SW8260C
trans-1,2-Dichloroethene	ND	150	34	ug/Kg	50	11/25/15	J/P	SW8260C
trans-1,3-Dichloropropene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	690	170	ug/Kg	50	11/25/15	J/P	SW8260C
Trichloroethene	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Trichlorofluoromethane	ND	340	69	ug/Kg	50	11/25/15	J/P	SW8260C
Trichlorotrifluoroethane	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
Vinyl chloride	ND	340	34	ug/Kg	50	11/25/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	50	11/25/15	J/P	70 - 130 %
% Bromofluorobenzene	104			%	50	11/25/15	J/P	70 - 130 %
% Dibromofluoromethane	94			%	50	11/25/15	J/P	70 - 130 %
% Toluene-d8	87			%	50	11/25/15	J/P	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	6900	2800	ug/kg	50	11/25/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	50	11/25/15	J/P	70 - 130 %
% Bromofluorobenzene	104			%	50	11/25/15	J/P	70 - 130 %
% Toluene-d8	87			%	50	11/25/15	J/P	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1400	69	ug/Kg	50	11/25/15	JLI	SW8260C
Acrolein	ND	1400	170	ug/Kg	50	11/25/15	JLI	SW8260C
Acrylonitrile	ND	1400	34	ug/Kg	50	11/25/15	JLI	SW8260C
Tert-butyl alcohol	ND	6900	1400	ug/Kg	50	11/25/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 12/03/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/24/15	KCA	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dichlorophenol	ND	250	130	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dimethylphenol	ND	250	88	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrophenol	ND	710	250	ug/Kg	1	11/24/15	KCA	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	11/24/15	KCA	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitroaniline	ND	710	360	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/24/15	KCA	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/24/15	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	710	170	ug/Kg	1	11/24/15	KCA	SW8270D
3-Nitroaniline	ND	710	710	ug/Kg	1	11/24/15	KCA	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	1	11/24/15	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloroaniline	ND	280	170	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitroaniline	ND	710	120	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthylene	ND	250	99	ug/Kg	1	11/24/15	KCA	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
Aniline	ND	280	280	ug/Kg	1	11/24/15	KCA	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benz(a)anthracene	120	J 250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzidine	ND	710	210	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(a)pyrene	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzoic acid	ND	1800	710	ug/Kg	1	11/24/15	KCA	SW8270D
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	250	96	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/24/15	KCA	SW8270D
Carbazole	ND	1800	270	ug/Kg	1	11/24/15	KCA	SW8270D
Chrysene	140	J 250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/24/15	KCA	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-butylphthalate	ND	250	94	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-octylphthalate	ND	250	92	ug/Kg	1	11/24/15	KCA	SW8270D
Fluoranthene	240	J 250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobenzene	ND	250	100	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Isophorone	ND	250	99	ug/Kg	1	11/24/15	KCA	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/24/15	KCA	SW8270D
Nitrobenzene	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachlorophenol	ND	250	130	ug/Kg	1	11/24/15	KCA	SW8270D
Phenanthrene	160	J 250	100	ug/Kg	1	11/24/15	KCA	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/24/15	KCA	SW8270D
Pyrene	210	J 250	120	ug/Kg	1	11/24/15	KCA	SW8270D
Pyridine	ND	250	87	ug/Kg	1	11/24/15	KCA	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	58			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorobiphenyl	70			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorophenol	59			%	1	11/24/15	KCA	30 - 130 %
% Nitrobenzene-d5	67			%	1	11/24/15	KCA	30 - 130 %
% Phenol-d5	68			%	1	11/24/15	KCA	30 - 130 %
% Terphenyl-d14	71			%	1	11/24/15	KCA	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	KCA	1

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.

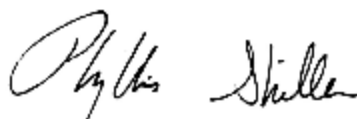
Volatile Comment:

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.

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



Phyllis Shiller, Laboratory Director

December 18, 2015

Reviewed and Released by: Jon Carlson, Project Manager

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK27757

Matrix:(soil/water) SOIL

Lab Sample ID: BK27758

Sample wt/vol: 3.75 (g/mL) g

Lab File ID: 1125M18.D

Level: (low/med) Low

Date Received: 11/24/15

% Moisture: not dec.	11

Date Analyzed: 11/25/15

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

Dilution Factor: 1

Soil Extract Volume: 5000 (uL)

Soil Aliquot Vol (uL): 5000

Number TICs found: 6

CONCENTRATION UNITS:

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

[illegible]

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK27757

Matrix:(soil/water) SOIL

Lab Sample ID: BK27760

Sample wt/vol: 7.89 (g/mL) g

Lab File ID: 1125M20.D

Level: (low/med) Meth

Date Received: 11/24/15

% Moisture: not dec.	8

Date Analyzed: 11/25/15

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

Dilution Factor: 50

Soil Extract Volume: 10000 (uL)

Soil Aliquot Vol (uL): 100

Number TICs found: 10

CONCENTRATION UNITS:

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

[illegible]

CLIENT ID

Client: EBC

SDG No.: GBK27757

Lab Sample ID: BK27757

Lab File ID: 1124_12.D

Date Received: 11/24/15

Date Extracted: 11/24/15

Date Analyzed: 11/24/2015

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:

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.:

Matrix:(soil/water) SOIL

Lab Sample ID: BK27758 BLK

Sample wt/vol: 15 (g/mL) g

Lab File ID: 1124_05.D

Level: (low/med) Low

Date Received: 11/24/15

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

Date Extracted: 11/24/15

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

Date Analyzed: 11/24/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 1

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

15 B11 0-2

Client: EBC

SAS No.:

SDG No.: GBK27757

Lab Sample ID: BK27758

Lab File ID: 1124_10.D

Date Received: 11/24/15

Date Extracted: 11/24/15

Date Analyzed: 11/24/2015

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

15 B11 6-8

Client: EBC

SAS No.:

SDG No.: GBK27757

Lab Sample ID: BK27759

Lab File ID: 1124_13.D

Date Received: 11/24/15

Date Extracted: 11/24/15

Date Analyzed: 11/24/2015

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.: GBK27757

Matrix:(soil/water) SOIL

Lab Sample ID: BK27760

Sample wt/vol: 15.3 (g/mL) g

Lab File ID: 1124_14.D

Level: (low/med) Low

Date Received: 11/24/15

% Moisture: not dec. 8 decanted:(Y/N) NA

Date Extracted: 11/24/15

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

Date Analyzed: 11/24/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 2

[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.



Environmental Laboratories, Inc.
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QA/QC Report

December 18, 2015

QA/QC Data

SDG I.D.: GBK27757

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 327763 (mg/kg), QC Sample No: BK27758 (BK27758, BK27759, BK27760)													
<u>ICP Metals - Soil</u>													
Aluminum	BRL	4.9	6420	5980	7.10	115	107	7.2	NC	NC	NC	80 - 120	30
Antimony	BRL	3.3	<1.8	<3.5	NC	112	104	7.4	89.2	89.5	0.3	70 - 130	30
Arsenic	BRL	0.66	14.2	14.3	0.70	101	97.4	3.6	93.4	95.1	1.8	80 - 120	30
Barium	BRL	0.33	87.5	78.8	10.5	112	106	5.5	90.0	92.2	2.4	80 - 120	30
Beryllium	BRL	0.26	0.40	0.33	NC	95.0	92.2	3.0	95.4	96.2	0.8	80 - 120	30
Cadmium	BRL	0.33	2.06	2.06	0	123	118	4.1	93.9	94.8	1.0	80 - 120	30
Calcium	BRL	4.9	13500	10800	22.2	102	95.3	6.8	NC	NC	NC	80 - 120	30
Chromium	BRL	0.33	18.4	19.4	5.30	98.7	96.9	1.8	95.1	95.6	0.5	80 - 120	30
Cobalt	BRL	0.33	26.8	32.6	19.5	114	113	0.9	92.0	94.3	2.5	80 - 120	30
Copper	BRL	0.33	51.2	52.2	1.90	91.5	89.7	2.0	92.9	95.3	2.6	80 - 120	30
Iron	BRL	4.9	99300	99200	0.10	114	99.7	13.4	NC	NC	NC	80 - 120	30
Lead	BRL	0.33	317	285	10.6	109	106	2.8	73.0	78.2	6.9	80 - 120	30
Magnesium	BRL	4.9	1460	1240	16.3	103	95.4	7.7	NC	NC	NC	80 - 120	30
Manganese	BRL	0.33	793	945	17.5	102	99.4	2.6	NC	NC	NC	80 - 120	30
Nickel	BRL	0.33	33.0	34.1	3.30	113	116	2.6	92.8	94.2	1.5	80 - 120	30
Potassium	BRL	4.9	707	713	0.80	87.9	84.2	4.3	123	118	4.1	80 - 120	30
Selenium	BRL	1.3	<1.5	<1.4	NC	112	111	0.9	96.5	98.6	2.2	80 - 120	30
Silver	BRL	0.33	<0.36	<0.35	NC	96.8	91.1	6.1	91.9	92.2	0.3	70 - 130	30
Sodium	BRL	4.9	238	219	8.30	88.3	96.7	9.1	110	111	0.9	80 - 120	30
Thallium	BRL	3.0	<1.5	<3.2	NC	121	112	7.7	89.0	90.5	1.7	80 - 120	30
Vanadium	BRL	0.33	47.1	55.4	16.2	102	94.6	7.5	92.4	95.7	3.5	80 - 120	30
Zinc	BRL	0.33	123	107	13.9	115	110	4.4	84.0	90.0	6.9	80 - 120	30
QA/QC Batch 327810 (mg/kg), QC Sample No: BK27758 (BK27758, BK27759, BK27760)													
Mercury - Soil	BRL	0.06	0.22	0.42	62.5	100	101	1.0	96.5	109	12.2	75 - 125	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

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



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QA/QC Report

December 18, 2015

QA/QC Data

SDG I.D.: GBK27757

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 327917 (mg/Kg), QC Sample No: BK27758 50X (BK27758, BK27759, BK27760)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	0.265	<0.56	NC	90.8			96.9			85 - 115	30



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QA/QC Report

December 18, 2015

QA/QC Data

SDG I.D.: GBK27757

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

QA/QC Batch 327753 (ug/Kg), QC Sample No: BK27758 2X (BK27758, BK27759, BK27760)

Pesticides - Solid

4,4' -DDD	ND	1.7	91	88	3.4	84	76	10.0	30 - 150	30
4,4' -DDE	ND	1.7	91	86	5.6	77	63	20.0	40 - 140	30
4,4' -DDT	ND	1.7	91	87	4.5	75	64	15.8	30 - 150	30
a-BHC	ND	1.0	93	87	6.7	75	68	9.8	30 - 150	30
a-Chlordane	ND	3.3	94	90	4.3	80	67	17.7	30 - 150	30
Aldrin	ND	1.0	92	87	5.6	78	63	21.3	40 - 140	30
b-BHC	ND	1.0	94	89	5.5	84	70	18.2	30 - 150	30
Chlordane	ND	33	92	87	5.6	74	64	14.5	30 - 150	30
d-BHC	ND	3.3	78	73	6.6	60	49	20.2	30 - 150	30
Dieldrin	ND	1.0	93	88	5.5	79	67	16.4	40 - 140	30
Endosulfan I	ND	3.3	96	91	5.3	86	71	19.1	30 - 150	30
Endosulfan II	ND	3.3	92	87	5.6	82	66	21.6	30 - 150	30
Endosulfan sulfate	ND	3.3	78	75	3.9	62	56	10.2	40 - 140	30
Endrin	ND	3.3	102	97	5.0	82	77	6.3	40 - 140	30
Endrin aldehyde	ND	3.3	85	78	8.6	65	52	22.2	30 - 150	30
Endrin ketone	ND	3.3	95	90	5.4	83	69	18.4	30 - 150	30
g-BHC	ND	1.0	100	94	6.2	75	61	20.6	40 - 140	30
g-Chlordane	ND	3.3	92	87	5.6	74	64	14.5	40 - 140	30
Heptachlor	ND	3.3	91	86	5.6	76	63	18.7	40 - 140	30
Heptachlor epoxide	ND	3.3	97	91	6.4	74	67	9.9	30 - 150	30
Methoxychlor	ND	3.3	97	98	1.0	97	73	28.2	30 - 150	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	30 - 150	30
% DCBP	91	%	100	96	4.1	88	71	21.4	30 - 150	30
% TCMX	78	%	90	88	2.2	75	61	20.6	30 - 150	30

QA/QC Batch 327745 (ug/Kg), QC Sample No: BK27758 2X (BK27758, BK27759, BK27760)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	33	68	95	33.1	89	84	5.8	30 - 120	30	r
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	67	93	32.5	88	79	10.8	30 - 150	30	r
PCB-1262	ND	33							30 - 150	30	
PCB-1268	ND	33							30 - 150	30	
% DCBP (Surrogate Rec)	85	%	64	96	40.0	93	88	5.5	30 - 150	20	r
% TCMX (Surrogate Rec)	90	%	65	97	39.5	90	88	2.2	30 - 150	20	r

QA/QC Batch 327975 (ug/kg), QC Sample No: BK27758 (BK27757, BK27758, BK27759, BK27760 (50X))

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	5.0	98	106	7.8	103	103	0.0	70 - 130	30

QA/QC Data

SDG I.D.: GBK27757

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1,1-Trichloroethane	ND	5.0	101	114	12.1	108	104	3.8	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	99	112	12.3	104	106	1.9	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	96	109	12.7	101	103	2.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	102	115	12.0	107	107	0.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	109	121	10.4	107	104	2.8	70 - 130	30
1,1-Dichloropropene	ND	5.0	100	111	10.4	108	106	1.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	100	112	11.3	113	110	2.7	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	93	104	11.2	96	97	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	98	108	9.7	106	103	2.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	95	106	10.9	102	101	1.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	93	112	18.5	100	100	0.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	92	104	12.2	101	103	2.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	97	108	10.7	105	103	1.9	70 - 130	30
1,2-Dichloroethane	ND	5.0	102	114	11.1	112	112	0.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	100	111	10.4	108	110	1.8	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	98	111	12.4	106	104	1.9	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	94	105	11.1	102	100	2.0	70 - 130	30
1,3-Dichloropropane	ND	5.0	90	102	12.5	100	102	2.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	96	107	10.8	103	100	3.0	70 - 130	30
1,4-dioxane	ND	100	94	117	21.8	100	111	10.4	70 - 130	30
2,2-Dichloropropane	ND	5.0	101	115	13.0	108	102	5.7	70 - 130	30
2-Chlorotoluene	ND	5.0	97	109	11.7	105	103	1.9	70 - 130	30
2-Hexanone	ND	25	86	98	13.0	92	94	2.2	70 - 130	30
2-Isopropyltoluene	ND	5.0	101	116	13.8	110	109	0.9	70 - 130	30
4-Chlorotoluene	ND	5.0	95	107	11.9	103	101	2.0	70 - 130	30
4-Methyl-2-pentanone	ND	25	98	111	12.4	108	112	3.6	70 - 130	30
Acetone	ND	10	77	86	11.0	73	77	5.3	70 - 130	30
Acrolein	ND	25	98	113	14.2	90	89	1.1	70 - 130	30
Acrylonitrile	ND	5.0	100	113	12.2	112	110	1.8	70 - 130	30
Benzene	ND	1.0	97	110	12.6	105	105	0.0	70 - 130	30
Bromobenzene	ND	5.0	98	111	12.4	106	106	0.0	70 - 130	30
Bromochloromethane	ND	5.0	100	114	13.1	109	109	0.0	70 - 130	30
Bromodichloromethane	ND	5.0	103	116	11.9	109	108	0.9	70 - 130	30
Bromoform	ND	5.0	96	108	11.8	94	95	1.1	70 - 130	30
Bromomethane	ND	5.0	113	125	10.1	81	82	1.2	70 - 130	30
Carbon Disulfide	ND	5.0	113	126	10.9	113	108	4.5	70 - 130	30
Carbon tetrachloride	ND	5.0	100	115	14.0	100	100	0.0	70 - 130	30
Chlorobenzene	ND	5.0	95	106	10.9	104	103	1.0	70 - 130	30
Chloroethane	ND	5.0	113	125	10.1	26	22	16.7	70 - 130	30
Chloroform	ND	5.0	97	109	11.7	97	103	6.0	70 - 130	30
Chloromethane	ND	5.0	105	115	9.1	108	104	3.8	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	100	114	13.1	110	108	1.8	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	100	114	13.1	108	106	1.9	70 - 130	30
Dibromochloromethane	ND	3.0	97	111	13.5	98	102	4.0	70 - 130	30
Dibromomethane	ND	5.0	99	112	12.3	110	109	0.9	70 - 130	30
Dichlorodifluoromethane	ND	5.0	112	124	10.2	112	110	1.8	70 - 130	30
Ethylbenzene	ND	1.0	97	106	8.9	105	103	1.9	70 - 130	30
Hexachlorobutadiene	ND	5.0	96	109	12.7	104	102	1.9	70 - 130	30
Isopropylbenzene	ND	1.0	97	111	13.5	106	105	0.9	70 - 130	30
m&p-Xylene	ND	2.0	93	103	10.2	100	99	1.0	70 - 130	30
Methyl ethyl ketone	ND	5.0	83	99	17.6	90	92	2.2	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	100	112	11.3	108	107	0.9	70 - 130	30
Methylene chloride	ND	5.0	82	91	10.4	98	93	5.2	70 - 130	30

m

QA/QC Data

SDG I.D.: GBK27757

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Naphthalene	ND	5.0	105	121	14.2	124	123	0.8	70 - 130	30
n-Butylbenzene	ND	1.0	100	113	12.2	107	104	2.8	70 - 130	30
n-Propylbenzene	ND	1.0	93	105	12.1	101	100	1.0	70 - 130	30
o-Xylene	ND	2.0	97	107	9.8	105	105	0.0	70 - 130	30
p-Isopropyltoluene	ND	1.0	100	112	11.3	108	105	2.8	70 - 130	30
sec-Butylbenzene	ND	1.0	100	114	13.1	108	106	1.9	70 - 130	30
Styrene	ND	5.0	93	105	12.1	103	102	1.0	70 - 130	30
tert-butyl alcohol	ND	100	98	117	17.7	106	108	1.9	70 - 130	30
tert-Butylbenzene	ND	1.0	97	110	12.6	105	103	1.9	70 - 130	30
Tetrachloroethene	ND	5.0	101	114	12.1	110	109	0.9	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	96	110	13.6	102	102	0.0	70 - 130	30
Toluene	ND	1.0	102	114	11.1	112	110	1.8	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	105	118	11.7	112	110	1.8	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	100	112	11.3	104	105	1.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	103	120	15.2	99	101	2.0	70 - 130	30
Trichloroethene	ND	5.0	100	114	13.1	110	107	2.8	70 - 130	30
Trichlorofluoromethane	ND	5.0	109	121	10.4	50	45	10.5	70 - 130	30 m
Trichlorotrifluoroethane	ND	5.0	107	119	10.6	104	102	1.9	70 - 130	30
Vinyl chloride	ND	5.0	110	124	12.0	108	106	1.9	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	101	101	0.0	100	102	2.0	70 - 130	30
% Bromofluorobenzene	99	%	99	99	0.0	102	103	1.0	70 - 130	30
% Dibromofluoromethane	97	%	97	101	4.0	96	96	0.0	70 - 130	30
% Toluene-d8	90	%	104	104	0.0	104	106	1.9	70 - 130	30

QA/QC Batch 327752 (ug/kg), QC Sample No: BK27758 (BK27757, BK27758, BK27759, BK27760)

Semivolatiles - Solid

1,2,4,5-Tetrachlorobenzene	ND	230	68	71	4.3	69	65	6.0	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	62	64	3.2	65	58	11.4	30 - 130	30
1,2-Dichlorobenzene	ND	180	57	59	3.4	59	51	14.5	30 - 130	30
1,2-Diphenylhydrazine	ND	230	70	74	5.6	70	69	1.4	30 - 130	30
1,3-Dichlorobenzene	ND	230	55	56	1.8	56	49	13.3	30 - 130	30
1,4-Dichlorobenzene	ND	230	56	57	1.8	57	50	13.1	30 - 130	30
2,4,5-Trichlorophenol	ND	230	76	82	7.6	79	76	3.9	30 - 130	30
2,4,6-Trichlorophenol	ND	130	72	79	9.3	75	70	6.9	30 - 130	30
2,4-Dichlorophenol	ND	130	72	76	5.4	72	66	8.7	30 - 130	30
2,4-Dimethylphenol	ND	230	71	72	1.4	66	61	7.9	30 - 130	30
2,4-Dinitrophenol	ND	230	<10	<10	NC	61	46	28.0	30 - 130	30 l
2,4-Dinitrotoluene	ND	130	80	86	7.2	84	80	4.9	30 - 130	30
2,6-Dinitrotoluene	ND	130	79	85	7.3	80	77	3.8	30 - 130	30
2-Chloronaphthalene	ND	230	70	73	4.2	72	65	10.2	30 - 130	30
2-Chlorophenol	ND	230	68	71	4.3	68	58	15.9	30 - 130	30
2-Methylnaphthalene	ND	230	71	74	4.1	72	67	7.2	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	68	71	4.3	68	60	12.5	30 - 130	30
2-Nitroaniline	ND	330	74	79	6.5	71	68	4.3	30 - 130	30
2-Nitrophenol	ND	230	62	64	3.2	62	55	12.0	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	74	77	4.0	73	65	11.6	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	74	81	9.0	56	53	5.5	30 - 130	30
3-Nitroaniline	ND	330	75	80	6.5	72	69	4.3	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	19	12	45.2	86	64	29.3	30 - 130	30 l,r
4-Bromophenyl phenyl ether	ND	230	80	82	2.5	79	77	2.6	30 - 130	30
4-Chloro-3-methylphenol	ND	230	78	80	2.5	77	73	5.3	30 - 130	30
4-Chloroaniline	ND	230	72	73	1.4	66	59	11.2	30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	74	80	7.8	77	73	5.3	30 - 130	30

QA/QC Data

SDG I.D.: GBK27757

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Nitroaniline	ND	230	78	84	7.4	81	78	3.8	30 - 130	30	
4-Nitrophenol	ND	230	67	70	4.4	69	68	1.5	30 - 130	30	
Acenaphthene	ND	230	73	77	5.3	75	73	2.7	30 - 130	30	
Acenaphthylene	ND	130	68	72	5.7	69	65	6.0	30 - 130	30	
Acetophenone	ND	230	64	66	3.1	67	58	14.4	30 - 130	30	
Aniline	ND	330	63	66	4.7	59	49	18.5	30 - 130	30	
Anthracene	ND	230	78	82	5.0	79	82	3.7	30 - 130	30	
Benz(a)anthracene	ND	230	78	83	6.2	76	81	6.4	30 - 130	30	
Benzidine	ND	330	34	35	2.9	<10	<10	NC	30 - 130	30	m
Benzo(a)pyrene	ND	130	77	83	7.5	69	73	5.6	30 - 130	30	
Benzo(b)fluoranthene	ND	160	78	91	15.4	75	78	3.9	30 - 130	30	
Benzo(ghi)perylene	ND	230	78	84	7.4	70	74	5.6	30 - 130	30	
Benzo(k)fluoranthene	ND	230	81	94	14.9	70	74	5.6	30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	34	<10	NC	30 - 130	30	l,m
Benzyl butyl phthalate	ND	230	80	84	4.9	77	76	1.3	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	68	71	4.3	68	61	10.9	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	56	58	3.5	58	50	14.8	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	55	57	3.6	56	50	11.3	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	85	84	1.2	78	77	1.3	30 - 130	30	
Carbazole	ND	330	79	83	4.9	76	75	1.3	30 - 130	30	
Chrysene	ND	230	81	86	6.0	79	83	4.9	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	76	83	8.8	70	72	2.8	30 - 130	30	
Dibenzofuran	ND	230	75	80	6.5	79	75	5.2	30 - 130	30	
Diethyl phthalate	ND	230	77	83	7.5	77	75	2.6	30 - 130	30	
Dimethylphthalate	ND	230	77	81	5.1	76	72	5.4	30 - 130	30	
Di-n-butylphthalate	ND	230	81	84	3.6	78	78	0.0	30 - 130	30	
Di-n-octylphthalate	ND	230	77	82	6.3	78	77	1.3	30 - 130	30	
Fluoranthene	ND	230	78	82	5.0	82	88	7.1	30 - 130	30	
Fluorene	ND	230	75	81	7.7	77	77	0.0	30 - 130	30	
Hexachlorobenzene	ND	130	77	77	0.0	73	71	2.8	30 - 130	30	
Hexachlorobutadiene	ND	230	62	65	4.7	65	56	14.9	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	59	66	11.2	44	33	28.6	30 - 130	30	
Hexachloroethane	ND	130	52	54	3.8	54	47	13.9	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	78	84	7.4	71	74	4.1	30 - 130	30	
Isophorone	ND	130	64	66	3.1	63	58	8.3	30 - 130	30	
Naphthalene	ND	230	64	66	3.1	67	60	11.0	30 - 130	30	
Nitrobenzene	ND	130	65	67	3.0	66	58	12.9	30 - 130	30	
N-Nitrosodimethylamine	ND	230	47	49	4.2	51	44	14.7	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	67	71	5.8	69	59	15.6	30 - 130	30	
N-Nitrosodiphenylamine	ND	130	79	84	6.1	80	78	2.5	30 - 130	30	
Pentachloronitrobenzene	ND	230	76	78	2.6	76	76	0.0	30 - 130	30	
Pentachlorophenol	ND	230	59	52	12.6	71	63	11.9	30 - 130	30	
Phenanthrene	ND	130	77	81	5.1	81	93	13.8	30 - 130	30	
Phenol	ND	230	67	70	4.4	67	60	11.0	30 - 130	30	
Pyrene	ND	230	79	83	4.9	80	85	6.1	30 - 130	30	
Pyridine	ND	230	32	34	6.1	36	33	8.7	30 - 130	30	
% 2,4,6-Tribromophenol	51	%	69	67	2.9	64	66	3.1	30 - 130	30	
% 2-Fluorobiphenyl	57	%	68	72	5.7	69	64	7.5	30 - 130	30	
% 2-Fluorophenol	50	%	60	62	3.3	59	51	14.5	30 - 130	30	
% Nitrobenzene-d5	51	%	61	64	4.8	63	55	13.6	30 - 130	30	
% Phenol-d5	56	%	66	69	4.4	66	58	12.9	30 - 130	30	
% Terphenyl-d14	72	%	76	81	6.4	75	73	2.7	30 - 130	30	

QA/QC Data

SDG I.D.: GBK27757

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 328044 (ug/kg), QC Sample No: BK28647 (BK27757 (50X))										
Volatiles - Solid										
1,1,2,2-Tetrachloroethane	ND	3.0	101	101	0.0	99	91	8.4	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	127	125	1.6	116	108	7.1	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	103	104	1.0	103	94	9.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	125	122	2.4	107	98	8.8	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	100	98	2.0	93	91	2.2	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	109	110	0.9	107	98	8.8	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	101	101	0.0	97	92	5.3	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	102	101	1.0	97	93	4.2	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	100	100	0.0	94	89	5.5	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	100	99	1.0	92	87	5.6	70 - 130	30
2-Chlorotoluene	ND	5.0	98	98	0.0	94	91	3.2	70 - 130	30
2-Isopropyltoluene	ND	5.0	106	105	0.9	102	99	3.0	70 - 130	30
4-Chlorotoluene	ND	5.0	97	97	0.0	92	88	4.4	70 - 130	30
Benzene	ND	1.0	100	99	1.0	97	93	4.2	70 - 130	30
Bromobenzene	ND	5.0	100	100	0.0	96	93	3.2	70 - 130	30
Hexachlorobutadiene	ND	5.0	115	110	4.4	105	102	2.9	70 - 130	30
Isopropylbenzene	ND	1.0	100	99	1.0	95	94	1.1	70 - 130	30
Naphthalene	ND	5.0	137	137	0.0	132	121	8.7	70 - 130	30 l,m
n-Butylbenzene	ND	1.0	103	100	3.0	93	89	4.4	70 - 130	30
n-Propylbenzene	ND	1.0	94	93	1.1	89	87	2.3	70 - 130	30
p-Isopropyltoluene	ND	1.0	105	103	1.9	99	95	4.1	70 - 130	30
sec-Butylbenzene	ND	1.0	105	103	1.9	100	97	3.0	70 - 130	30
tert-Butylbenzene	ND	1.0	101	100	1.0	99	96	3.1	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	107	108	0.9	100	92	8.3	70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	101	101	0.0	101	100	1.0	70 - 130	30
% Bromofluorobenzene	96	%	101	101	0.0	102	100	2.0	70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

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

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

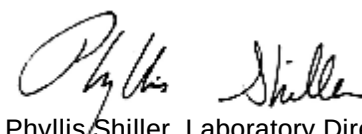
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

December 18, 2015

Sample Criteria Exceedences Report

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

GBK27757 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK27757	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	100	44	50	50	ug/Kg
BK27757	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	100	44	50	50	ug/Kg
BK27757	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Ground Water Protection	61	60	60	60	ug/Kg
BK27757	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	61	60	60	60	ug/Kg
BK27758	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	4.2	2.2	3.3	3.3	ug/Kg
BK27758	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	14.2	0.7	13	13	mg/Kg
BK27758	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	51.2	0.36	50	50	mg/kg
BK27758	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.22	0.03	0.18	0.18	mg/Kg
BK27758	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	33.0	0.36	30	30	mg/Kg
BK27758	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	317	7.3	63	63	mg/Kg
BK27758	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	123	7.3	109	109	mg/Kg
BK27759	MN-SM	Manganese	NY / 375-6.8 Metals / Ground Water Protection	2450	39	2000	2000	mg/Kg
BK27759	MN-SM	Manganese	NY / 375-6.8 Metals / Residential	2450	39	2000	2000	mg/Kg
BK27759	MN-SM	Manganese	NY / 375-6.8 Metals / Residential Restricted	2450	39	2000	2000	mg/Kg
BK27759	MN-SM	Manganese	NY / 375-6.8 Metals / Unrestricted Use Soil	2450	39	1600	1600	mg/Kg
BK27760	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	340	20	20	ug/Kg
BK27760	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	340	210	210	ug/Kg
BK27760	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	340	20	20	ug/Kg
BK27760	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	340	50	50	ug/Kg
BK27760	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	340	50	50	ug/Kg
BK27760	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	340	50	50	ug/Kg
BK27760	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	340	50	50	ug/Kg
BK27760	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	340	120	120	ug/Kg
BK27760	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	340	120	120	ug/Kg
BK27760	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	340	20	20	ug/Kg
BK27760	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	340	20	20	ug/Kg
BK27760	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	6900	100	100	ug/kg
BK27760	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	6900	100	100	ug/kg
BK27760	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	3.6	2.2	3.3	3.3	ug/Kg
BK27760	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	18.6	0.7	16	16	mg/Kg
BK27760	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	18.6	0.7	16	16	mg/Kg
BK27760	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	18.6	0.7	16	16	mg/Kg
BK27760	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	18.6	0.7	13	13	mg/Kg
BK27760	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.21	0.03	0.18	0.18	mg/Kg
BK27760	MN-SM	Manganese	NY / 375-6.8 Metals / Unrestricted Use Soil	1950	34	1600	1600	mg/Kg
BK27760	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	38.6	0.34	30	30	mg/Kg
BK27760	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	476	6.8	450	450	mg/Kg
BK27760	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	476	6.8	400	400	mg/Kg
BK27760	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	476	6.8	400	400	mg/Kg
BK27760	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	476	6.8	63	63	mg/Kg

Sample Criteria Exceedences Report

GBK27757 - EBC

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

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK27760	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	236	6.8	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

December 18, 2015

SDG I.D.: GBK27757

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



Friday, December 18, 2015

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

Project ID: 2401 3RD AVE BRONX
Sample ID#s: BK27464 - BK27470

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: 2401 3RD AVE BRONX
Laboratory Project: GBK27464



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK27464

Environmental Business Consultants 2401 3RD AVE BRONX

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.

Total Cyanide

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



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NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK27464

Environmental Business Consultants 2401 3RD AVE BRONX

Sample Id Cross Reference

Client Id	Lab Id	Matrix
15 B13 0-2	BK27464	SOLID
15 B13 6-8	BK27465	SOLID
15 B14 5-7	BK27466	SOLID
15 B21 6-8	BK27467	SOLID
15 B22 0-2	BK27468	SOLID
15 B22 6-8	BK27469	SOLID
SOIL DUPLICATE	BK27470	SOLID



Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

December 18, 2015

SDG I.D.: GBK27464

Environmental Business Consultants 2401 3RD AVE BRONX

Laboratory Chronicle

The samples in this delivery group were received at 6°C.

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BK27464	1,4-dioxane	11/20/15	11/24/15	11/24/15	JLI	Y
BK27464	Aluminum	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Antimony	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Arsenic	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Barium	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Beryllium	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Cadmium	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Calcium	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Chromium	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Cobalt	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Copper	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Iron	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Lead	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Magnesium	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Manganese	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Mercury	11/20/15	11/24/15	11/25/15	RS	Y
BK27464	Nickel	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Pesticides - Soil	11/20/15	11/23/15	11/25/15	CE	Y
BK27464	Polychlorinated Biphenyls	11/20/15	11/23/15	11/24/15	AW	Y
BK27464	Potassium	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Selenium	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Semivolatiles	11/20/15	11/23/15	11/24/15	KCA	Y
BK27464	Silver	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Sodium	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Thallium	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Total Cyanide (SW9010C Distill.)	11/20/15	11/24/15	11/24/15	O/B/E	Y
BK27464	Vanadium	11/20/15	11/23/15	11/24/15	LK	Y
BK27464	Volatiles	11/20/15	11/24/15	11/24/15	JLI	Y
BK27464	Volatiles	11/20/15	11/24/15	11/24/15	JLI	Y
BK27464	Zinc	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	1,4-dioxane	11/20/15	11/25/15	11/25/15	JLI	Y
BK27465	Aluminum	11/20/15	11/23/15	11/24/15	LK	Y



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BK27465	Antimony	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Arsenic	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Barium	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Beryllium	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Cadmium	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Calcium	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Chromium	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Cobalt	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Copper	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Iron	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Lead	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Magnesium	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Manganese	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Mercury	11/20/15	11/24/15	11/25/15	RS	Y
BK27465	Nickel	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Pesticides - Soil	11/20/15	11/23/15	11/24/15	CE	Y
BK27465	Polychlorinated Biphenyls	11/20/15	11/23/15	11/24/15	AW	Y
BK27465	Potassium	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Selenium	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Semivolatiles	11/20/15	11/23/15	11/24/15	KCA	Y
BK27465	Silver	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Sodium	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Thallium	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Total Cyanide (SW9010C Distill.)	11/20/15	11/24/15	11/24/15	O/B/E	Y
BK27465	Vanadium	11/20/15	11/23/15	11/24/15	LK	Y
BK27465	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27465	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27465	Zinc	11/20/15	11/23/15	11/24/15	LK	Y
BK27466	1,4-dioxane	11/20/15	11/25/15	11/25/15	JLI	Y
BK27466	Semivolatiles	11/20/15	11/23/15	11/24/15	KCA	Y
BK27466	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27466	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27467	1,4-dioxane	11/20/15	11/25/15	11/25/15	JLI	Y
BK27467	Semivolatiles	11/20/15	11/23/15	11/24/15	KCA	Y
BK27467	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27467	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27468	1,4-dioxane	11/20/15	11/25/15	11/25/15	JLI	Y



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BK27468	Aluminum	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Antimony	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Arsenic	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Barium	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Beryllium	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Cadmium	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Calcium	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Chromium	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Cobalt	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Copper	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Iron	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Lead	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Magnesium	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Manganese	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Mercury	11/20/15	11/24/15	11/25/15	RS	Y
BK27468	Nickel	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Pesticides - Soil	11/20/15	11/23/15	11/24/15	CE	Y
BK27468	Polychlorinated Biphenyls	11/20/15	11/23/15	11/25/15	AW	Y
BK27468	Potassium	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Selenium	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Semivolatiles	11/20/15	11/23/15	11/24/15	KCA	Y
BK27468	Silver	11/20/15	11/23/15	11/24/15	EK	Y
BK27468	Sodium	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Thallium	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Total Cyanide (SW9010C Distill.)	11/20/15	11/24/15	11/24/15	O/B/E	Y
BK27468	Vanadium	11/20/15	11/23/15	11/24/15	LK	Y
BK27468	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27468	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27468	Zinc	11/20/15	11/23/15	11/24/15	EK	Y
BK27469	1,4-dioxane	11/20/15	11/25/15	11/25/15	JLI	Y
BK27469	Aluminum	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Antimony	11/20/15	11/23/15	11/24/15	EK	Y
BK27469	Arsenic	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Barium	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Beryllium	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Cadmium	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Calcium	11/20/15	11/23/15	11/24/15	LK	Y



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BK27469	Chromium	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Cobalt	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Copper	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Iron	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Lead	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Magnesium	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Manganese	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Mercury	11/20/15	11/24/15	11/25/15	RS	Y
BK27469	Nickel	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Pesticides - Soil	11/20/15	11/23/15	11/30/15	CE	Y
BK27469	Polychlorinated Biphenyls	11/20/15	11/23/15	11/24/15	AW	Y
BK27469	Potassium	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Selenium	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Semivolatiles	11/20/15	11/23/15	11/24/15	KCA	Y
BK27469	Silver	11/20/15	11/23/15	11/24/15	EK	Y
BK27469	Sodium	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Thallium	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Total Cyanide (SW9010C Distill.)	11/20/15	11/24/15	11/24/15	O/B/E	Y
BK27469	Vanadium	11/20/15	11/23/15	11/24/15	LK	Y
BK27469	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27469	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27469	Zinc	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	1,4-dioxane	11/20/15	11/25/15	11/25/15	JLI	Y
BK27470	Aluminum	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Antimony	11/20/15	11/23/15	11/24/15	EK	Y
BK27470	Arsenic	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Barium	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Beryllium	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Cadmium	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Calcium	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Chromium	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Cobalt	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Copper	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Iron	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Lead	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Magnesium	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Manganese	11/20/15	11/23/15	11/24/15	LK	Y



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BK27470	Mercury	11/20/15	11/24/15	11/25/15	RS	Y
BK27470	Nickel	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Pesticides - Soil	11/20/15	11/23/15	11/26/15	CE	Y
BK27470	Polychlorinated Biphenyls	11/20/15	11/23/15	11/24/15	AW	Y
BK27470	Potassium	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Selenium	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Semivolatiles	11/20/15	11/23/15	11/24/15	KCA	Y
BK27470	Silver	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Sodium	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Thallium	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Total Cyanide (SW9010C Distill.)	11/20/15	11/24/15	11/24/15	O/B/E	Y
BK27470	Vanadium	11/20/15	11/23/15	11/24/15	LK	Y
BK27470	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27470	Volatiles	11/20/15	11/25/15	11/25/15	JLI	Y
BK27470	Zinc	11/20/15	11/23/15	11/24/15	LK	Y



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SDG Comments

December 18, 2015

SDG I.D.: GBK27464

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.



Environmental Laboratories, Inc.
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Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/23/15

Time

17:15

Laboratory Data

SDG ID: GBK27464
Phoenix ID: BK27464

Project ID: 2401 3RD AVE BRONX
Client ID: 15 B13 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	5130	36	7.3	mg/Kg	10	11/24/15	LK	SW6010C
Arsenic	14.2	0.7	0.73	mg/Kg	1	11/24/15	LK	SW6010C
Barium	95.7	0.7	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.39	0.29	0.15	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	19400	36	33	mg/Kg	10	11/24/15	LK	SW6010C
Cadmium	0.79	0.36	0.15	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	8.28	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	15.3	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Copper	44.8	0.36	0.36	mg/kg	1	11/24/15	LK	SW6010C
Iron	29000	36	36	mg/Kg	10	11/24/15	LK	SW6010C
Mercury	0.06	0.03	0.02	mg/Kg	1	11/25/15	RS	SW7471B
Potassium	829	N 7	2.8	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	5670	36	36	mg/Kg	10	11/24/15	LK	SW6010C
Manganese	216	N 3.6	3.6	mg/Kg	10	11/24/15	LK	SW6010C
Sodium	893	7	3.1	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	16.3	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Lead	89.3	0.7	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Antimony	< 1.8	1.8	1.8	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.5	1.5	1.2	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.5	1.5	1.5	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	29.7	0.4	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	100	0.7	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Percent Solid	85			%		11/23/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	0.400	B 0.53	0.27	mg/Kg	1	11/24/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/23/15	BC	SW3545A
Soil Extraction for Pesticide	Completed					11/23/15	BC/V	SW3545A
Soil Extraction for SVOA	Completed					11/23/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/24/15	W/W	SW7471B
Total Metals Digest	Completed					11/23/15	G/AG	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	39	39	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1221	ND	39	39	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1232	ND	39	39	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1242	ND	39	39	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1248	ND	39	39	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1254	ND	39	39	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1260	ND	39	39	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1262	ND	39	39	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1268	ND	39	39	ug/Kg	2	11/24/15	AW	SW8082A

QA/QC Surrogates

% DCBP	86			%	2	11/24/15	AW	30 - 150 %
% TCMX	83			%	2	11/24/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	3.1	2.3	2.3	ug/Kg	2	11/25/15	CE	SW8081B
4,4' -DDE	7.9	2.3	2.3	ug/Kg	2	11/25/15	CE	SW8081B
4,4' -DDT	9.4	2.3	2.3	ug/Kg	2	11/25/15	CE	SW8081B
a-BHC	ND	7.8	7.8	ug/Kg	2	11/25/15	CE	SW8081B
a-Chlordane	ND	3.9	3.9	ug/Kg	2	11/25/15	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	11/25/15	CE	SW8081B
b-BHC	ND	7.8	7.8	ug/Kg	2	11/25/15	CE	SW8081B
Chlordane	ND	39	39	ug/Kg	2	11/25/15	CE	SW8081B
d-BHC	ND	7.8	7.8	ug/Kg	2	11/25/15	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	11/25/15	CE	SW8081B
Endosulfan I	ND	7.8	7.8	ug/Kg	2	11/25/15	CE	SW8081B
Endosulfan II	ND	7.8	7.8	ug/Kg	2	11/25/15	CE	SW8081B
Endosulfan sulfate	ND	7.8	7.8	ug/Kg	2	11/25/15	CE	SW8081B
Endrin	ND	7.8	7.8	ug/Kg	2	11/25/15	CE	SW8081B
Endrin aldehyde	ND	7.8	7.8	ug/Kg	2	11/25/15	CE	SW8081B
Endrin ketone	ND	7.8	7.8	ug/Kg	2	11/25/15	CE	SW8081B
g-BHC	ND	2.0	2.0	ug/Kg	2	11/25/15	CE	SW8081B
g-Chlordane	ND	12	12	ug/Kg	2	11/25/15	CE	SW8081B
Heptachlor	ND	7.8	7.8	ug/Kg	2	11/25/15	CE	SW8081B
Heptachlor epoxide	ND	7.8	7.8	ug/Kg	2	11/25/15	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	11/25/15	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/25/15	CE	SW8081B

QA/QC Surrogates

% DCBP	82			%	2	11/25/15	CE	30 - 150 %
% TCMX	77			%	2	11/25/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
1,2,4-Trimethylbenzene	85	J 410	41	ug/Kg	50	11/24/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
2-Chlorotoluene	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
2-Hexanone	ND	30	5.9	ug/Kg	1	11/24/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
4-Chlorotoluene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	30	5.9	ug/Kg	1	11/24/15	JLI	SW8260C
Acetone	34	JS 50	5.9	ug/Kg	1	11/24/15	JLI	SW8260C
Acrylonitrile	ND	12	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
Benzene	0.73	J 5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Bromobenzene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
Bromoform	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
Bromomethane	ND	5.9	2.4	ug/Kg	1	11/24/15	JLI	SW8260C
Carbon Disulfide	3.8	J 5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
Carbon tetrachloride	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
Chlorobenzene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Chloroethane	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Chloroform	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Chloromethane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Dibromochloromethane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
Dibromomethane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Ethylbenzene	45	J 410	41	ug/Kg	50	11/24/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Isopropylbenzene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
m&p-Xylene	210	J 410	82	ug/Kg	50	11/24/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	36	5.9	ug/Kg	1	11/24/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
Methylene chloride	ND	5.9	5.9	ug/Kg	1	11/24/15	JLI	SW8260C
Naphthalene	170	J 410	82	ug/Kg	50	11/24/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
n-Propylbenzene	ND	5.9	1.1	ug/Kg	1	11/24/15	JLI	SW8260C
o-Xylene	150	J 410	82	ug/Kg	50	11/24/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
sec-Butylbenzene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Styrene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
tert-Butylbenzene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Tetrachloroethene	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	3.0	ug/Kg	1	11/24/15	JLI	SW8260C
Toluene	96	J 410	41	ug/Kg	50	11/24/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	3.0	ug/Kg	1	11/24/15	JLI	SW8260C
Trichloroethene	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.9	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Vinyl chloride	ND	5.9	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	108			%	1	11/24/15	JLI	70 - 130 %
% Bromofluorobenzene	90			%	1	11/24/15	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	11/24/15	JLI	70 - 130 %
% Toluene-d8	93			%	1	11/24/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	48	ug/kg	1	11/24/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	108			%	1	11/24/15	JLI	70 - 130 %
% Bromofluorobenzene	90			%	1	11/24/15	JLI	70 - 130 %
% Toluene-d8	93			%	1	11/24/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	24	1.2	ug/Kg	1	11/24/15	JLI	SW8260C
Acrolein	ND	24	3.0	ug/Kg	1	11/24/15	JLI	SW8260C
Acrylonitrile	ND	24	0.59	ug/Kg	1	11/24/15	JLI	SW8260C
Tert-butyl alcohol	ND	120	24	ug/Kg	1	11/24/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/25/15	JLI	
Client MS/MSD	Completed					11/24/15		
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dichlorophenol	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dimethylphenol	ND	270	95	ug/Kg	1	11/24/15	KCA	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrophenol	ND	770	270	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylnaphthalene	360	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitroaniline	ND	770	390	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitrophenol	ND	270	240	ug/Kg	1	11/24/15	KCA	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	1	11/24/15	KCA	SW8270D
3-Nitroaniline	ND	770	770	ug/Kg	1	11/24/15	KCA	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	1	11/24/15	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitroaniline	ND	770	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitrophenol	ND	380	170	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/24/15	KCA	SW8270D
Anthracene	200	J 270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benz(a)anthracene	240	J 270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzidine	ND	770	230	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(a)pyrene	250	J 270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(b)fluoranthene	280	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(ghi)perylene	300	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(k)fluoranthene	230	J 270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzoic acid	ND	1900	770	ug/Kg	1	11/24/15	KCA	SW8270D
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Carbazole	ND	1900	290	ug/Kg	1	11/24/15	KCA	SW8270D
Chrysene	320	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenzofuran	120	J 270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-octylphthalate	ND	270	99	ug/Kg	1	11/24/15	KCA	SW8270D
Fluoranthene	510	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobenzene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Hexachloroethane	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Indeno(1,2,3-cd)pyrene	230	J 270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Isophorone	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Naphthalene	310	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Nitrobenzene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachlorophenol	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
Phenanthrene	600	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Pyrene	570	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Pyridine	ND	270	94	ug/Kg	1	11/24/15	KCA	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	85			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorobiphenyl	73			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorophenol	47			%	1	11/24/15	KCA	30 - 130 %
% Nitrobenzene-d5	66			%	1	11/24/15	KCA	30 - 130 %
% Phenol-d5	58			%	1	11/24/15	KCA	30 - 130 %
% Terphenyl-d14	68			%	1	11/24/15	KCA	30 - 130 %

SVOA Library Search Top 25 Completed 11/25/15 KCA 1

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:

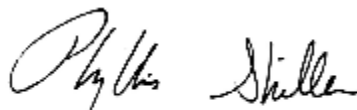
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 18, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/23/15 17:15

Time

Laboratory Data

SDG ID: GBK27464
Phoenix ID: BK27465

Project ID: 2401 3RD AVE BRONX
Client ID: 15 B13 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.41	0.41	0.41	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	416	4.1	0.83	mg/Kg	1	11/24/15	LK	SW6010C
Arsenic	< 0.8	0.8	0.83	mg/Kg	1	11/24/15	LK	SW6010C
Barium	2.7	0.8	0.41	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	< 0.33	0.33	0.17	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	1680	4.1	3.8	mg/Kg	1	11/24/15	LK	SW6010C
Cadmium	< 0.41	0.41	0.17	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	0.58	0.41	0.41	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	1.72	0.41	0.41	mg/Kg	1	11/24/15	LK	SW6010C
Copper	3.16	0.41	0.41	mg/kg	1	11/24/15	LK	SW6010C
Iron	1100	4.1	4.1	mg/Kg	1	11/24/15	LK	SW6010C
Mercury	< 0.03	0.03	0.02	mg/Kg	1	11/25/15	RS	SW7471B
Potassium	153	N 8	3.2	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	486	4.1	4.1	mg/Kg	1	11/24/15	LK	SW6010C
Manganese	61.9	N 0.41	0.41	mg/Kg	1	11/24/15	LK	SW6010C
Sodium	702	8	3.5	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	2.40	0.41	0.41	mg/Kg	1	11/24/15	LK	SW6010C
Lead	5.5	0.8	0.41	mg/Kg	1	11/24/15	LK	SW6010C
Antimony	< 2.1	2.1	2.1	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.7	1.7	1.4	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.7	1.7	1.7	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	1.6	0.4	0.41	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	4.4	0.8	0.41	mg/Kg	1	11/24/15	LK	SW6010C
Percent Solid	83			%		11/23/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.50	0.50	0.25	mg/Kg	1	11/24/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/23/15	BC	SW3545A
Soil Extraction for Pesticide	Completed					11/23/15	BC/V	SW3545A
Soil Extraction for SVOA	Completed					11/23/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/24/15	W/W	SW7471B
Total Metals Digest	Completed					11/23/15	G/AG	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	40	40	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1221	ND	40	40	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1232	ND	40	40	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1242	ND	40	40	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1248	ND	40	40	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1254	ND	40	40	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1260	ND	40	40	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1262	ND	40	40	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1268	ND	40	40	ug/Kg	2	11/24/15	AW	SW8082A

QA/QC Surrogates

% DCBP	89			%	2	11/24/15	AW	30 - 150 %
% TCMX	83			%	2	11/24/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.4	2.4	ug/Kg	2	11/24/15	CE	SW8081B
4,4' -DDE	ND	2.4	2.4	ug/Kg	2	11/24/15	CE	SW8081B
4,4' -DDT	ND	2.4	2.4	ug/Kg	2	11/24/15	CE	SW8081B
α-BHC	ND	7.9	7.9	ug/Kg	2	11/24/15	CE	SW8081B
α-Chlordane	ND	4.0	4.0	ug/Kg	2	11/24/15	CE	SW8081B
Aldrin	ND	4.0	4.0	ug/Kg	2	11/24/15	CE	SW8081B
β-BHC	ND	7.9	7.9	ug/Kg	2	11/24/15	CE	SW8081B
Chlordane	ND	40	40	ug/Kg	2	11/24/15	CE	SW8081B
δ-BHC	ND	7.9	7.9	ug/Kg	2	11/24/15	CE	SW8081B
Dieldrin	ND	4.0	4.0	ug/Kg	2	11/24/15	CE	SW8081B
Endosulfan I	ND	7.9	7.9	ug/Kg	2	11/24/15	CE	SW8081B
Endosulfan II	ND	7.9	7.9	ug/Kg	2	11/24/15	CE	SW8081B
Endosulfan sulfate	ND	7.9	7.9	ug/Kg	2	11/24/15	CE	SW8081B
Endrin	ND	7.9	7.9	ug/Kg	2	11/24/15	CE	SW8081B
Endrin aldehyde	ND	7.9	7.9	ug/Kg	2	11/24/15	CE	SW8081B
Endrin ketone	ND	7.9	7.9	ug/Kg	2	11/24/15	CE	SW8081B
γ-BHC	ND	1.6	1.6	ug/Kg	2	11/24/15	CE	SW8081B
γ-Chlordane	ND	4.0	4.0	ug/Kg	2	11/24/15	CE	SW8081B
Heptachlor	ND	7.9	7.9	ug/Kg	2	11/24/15	CE	SW8081B
Heptachlor epoxide	ND	7.9	7.9	ug/Kg	2	11/24/15	CE	SW8081B
Methoxychlor	ND	40	40	ug/Kg	2	11/24/15	CE	SW8081B
Toxaphene	ND	160	160	ug/Kg	2	11/24/15	CE	SW8081B

QA/QC Surrogates

% DCBP	100			%	2	11/24/15	CE	30 - 150 %
% TCMX	82			%	2	11/24/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
2-Chlorotoluene	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
2-Hexanone	ND	25	5.1	ug/Kg	1	11/25/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
4-Chlorotoluene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	5.1	ug/Kg	1	11/25/15	JLI	SW8260C
Acetone	ND	50	5.1	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Benzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Bromobenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Bromochloromethane	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Bromodichloromethane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Bromoform	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Bromomethane	ND	5.1	2.0	ug/Kg	1	11/25/15	JLI	SW8260C
Carbon Disulfide	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Carbon tetrachloride	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Chlorobenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Chloroethane	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Chloroform	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Chloromethane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Dibromochloromethane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Dibromomethane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Ethylbenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Isopropylbenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
m&p-Xylene	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	5.1	ug/Kg	1	11/25/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Methylene chloride	ND	5.1	5.1	ug/Kg	1	11/25/15	JLI	SW8260C
Naphthalene	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
n-Propylbenzene	ND	5.1	0.91	ug/Kg	1	11/25/15	JLI	SW8260C
o-Xylene	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
sec-Butylbenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Styrene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
tert-Butylbenzene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Tetrachloroethene	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	11/25/15	JLI	SW8260C
Toluene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	11/25/15	JLI	SW8260C
Trichloroethene	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.1	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Vinyl chloride	ND	5.1	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/25/15	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/25/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	40	ug/kg	1	11/25/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/25/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	20	0.51	ug/Kg	1	11/25/15	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	11/25/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/25/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
1,3-Dichlorobenzene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
1,4-Dichlorobenzene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,6-Trichlorophenol	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dichlorophenol	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dimethylphenol	ND	270	97	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrophenol	ND	780	270	ug/Kg	1	11/24/15	KCA	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylnaphthalene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitroaniline	ND	780	390	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitrophenol	ND	270	250	ug/Kg	1	11/24/15	KCA	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	780	180	ug/Kg	1	11/24/15	KCA	SW8270D
3-Nitroaniline	ND	780	780	ug/Kg	1	11/24/15	KCA	SW8270D
4,6-Dinitro-2-methylphenol	ND	2000	420	ug/Kg	1	11/24/15	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitroaniline	ND	780	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitrophenol	ND	390	180	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/24/15	KCA	SW8270D
Anthracene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzidine	ND	780	230	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(a)pyrene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(ghi)perylene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzoic acid	ND	2000	780	ug/Kg	1	11/24/15	KCA	SW8270D
Benzyl butyl phthalate	ND	270	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Carbazole	ND	2000	300	ug/Kg	1	11/24/15	KCA	SW8270D
Chrysene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-octylphthalate	ND	270	100	ug/Kg	1	11/24/15	KCA	SW8270D
Fluoranthene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobenzene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachloroethane	ND	270	120	ug/Kg	1	11/24/15	KCA	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Isophorone	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Nitrobenzene	ND	270	140	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachloronitrobenzene	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachlorophenol	ND	270	150	ug/Kg	1	11/24/15	KCA	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	11/24/15	KCA	SW8270D
Phenol	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Pyrene	ND	270	130	ug/Kg	1	11/24/15	KCA	SW8270D
Pyridine	ND	270	96	ug/Kg	1	11/24/15	KCA	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	94			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorobiphenyl	75			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorophenol	53			%	1	11/24/15	KCA	30 - 130 %
% Nitrobenzene-d5	63			%	1	11/24/15	KCA	30 - 130 %
% Phenol-d5	60			%	1	11/24/15	KCA	30 - 130 %
% Terphenyl-d14	86			%	1	11/24/15	KCA	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	KCA	1

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:

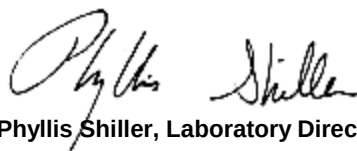
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 18, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date Time

11/20/15
11/23/15 17:15

Laboratory Data

SDG ID: GBK27464
Phoenix ID: BK27466

Project ID: 2401 3RD AVE BRONX
Client ID: 15 B14 5-7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84			%		11/23/15	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/23/15	BJ/CKV	SW3545A
Field Extraction	Completed					11/20/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloroethane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloroethene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloropropene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromoethane	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloroethane	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloropropane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichloropropane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
2,2-Dichloropropane	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
2-Chlorotoluene	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
2-Hexanone	ND	39	7.7	ug/Kg	1	11/25/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	1
4-Chlorotoluene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	39	7.7	ug/Kg	1	11/25/15	JLI	SW8260C	
Acetone	ND	50	7.7	ug/Kg	1	11/25/15	JLI	SW8260C	
Acrylonitrile	ND	15	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Benzene	4.5	J 7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromobenzene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromochloromethane	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromodichloromethane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromoform	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromomethane	ND	7.7	3.1	ug/Kg	1	11/25/15	JLI	SW8260C	
Carbon Disulfide	3.7	J 7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Carbon tetrachloride	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Chlorobenzene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Chloroethane	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Chloroform	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Chloromethane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Dibromochloromethane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Dibromomethane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Ethylbenzene	1.0	J 7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Hexachlorobutadiene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Isopropylbenzene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
m&p-Xylene	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	46	7.7	ug/Kg	1	11/25/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	15	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Methylene chloride	ND	7.7	7.7	ug/Kg	1	11/25/15	JLI	SW8260C	
Naphthalene	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
n-Butylbenzene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
n-Propylbenzene	ND	7.7	1.4	ug/Kg	1	11/25/15	JLI	SW8260C	
o-Xylene	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
p-Isopropyltoluene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
sec-Butylbenzene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Styrene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
tert-Butylbenzene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Tetrachloroethene	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	15	3.9	ug/Kg	1	11/25/15	JLI	SW8260C	1
Toluene	2.3	J 7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	15	3.9	ug/Kg	1	11/25/15	JLI	SW8260C	
Trichloroethene	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Trichlorofluoromethane	ND	7.7	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
Vinyl chloride	ND	7.7	0.77	ug/Kg	1	11/25/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	11/25/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	100			%	1	11/25/15	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	88			%	1	11/25/15	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	100	62	ug/kg	1	11/25/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	97			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	88			%	1	11/25/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	31	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
Acrolein	ND	31	3.9	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	31	0.77	ug/Kg	1	11/25/15	JLI	SW8260C
Tert-butyl alcohol	ND	150	31	ug/Kg	1	11/25/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 11/25/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/24/15	KCA	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dimethylphenol	ND	280	98	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrophenol	ND	790	280	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrotoluene	ND	280	150	ug/Kg	1	11/24/15	KCA	SW8270D
2,6-Dinitrotoluene	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylphenol (o-cresol)	ND	280	180	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitroaniline	ND	790	400	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/24/15	KCA	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	150	ug/Kg	1	11/24/15	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	790	190	ug/Kg	1	11/24/15	KCA	SW8270D
3-Nitroaniline	ND	790	790	ug/Kg	1	11/24/15	KCA	SW8270D
4,6-Dinitro-2-methylphenol	ND	2000	420	ug/Kg	1	11/24/15	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitroaniline	ND	790	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitrophenol	ND	390	180	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/24/15	KCA	SW8270D
Anthracene	200	J 280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benz(a)anthracene	580	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzidine	ND	790	230	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(a)pyrene	480	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(b)fluoranthene	380	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(ghi)perylene	240	J 280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(k)fluoranthene	500	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzoic acid	ND	2000	790	ug/Kg	1	11/24/15	KCA	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
Carbazole	ND	2000	300	ug/Kg	1	11/24/15	KCA	SW8270D
Chrysene	580	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenzofuran	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
Diethyl phthalate	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-butylphthalate	ND	280	100	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/24/15	KCA	SW8270D
Fluoranthene	1100	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobenzene	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachloroethane	ND	280	120	ug/Kg	1	11/24/15	KCA	SW8270D
Indeno(1,2,3-cd)pyrene	260	J 280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Isophorone	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
Nitrobenzene	ND	280	140	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachlorophenol	ND	280	150	ug/Kg	1	11/24/15	KCA	SW8270D
Phenanthrene	740	280	110	ug/Kg	1	11/24/15	KCA	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/24/15	KCA	SW8270D
Pyrene	1000	280	140	ug/Kg	1	11/24/15	KCA	SW8270D
Pyridine	ND	280	97	ug/Kg	1	11/24/15	KCA	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	75			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorobiphenyl	49			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorophenol	27			%	1	11/24/15	KCA	30 - 130 %
% Nitrobenzene-d5	36			%	1	11/24/15	KCA	30 - 130 %
% Phenol-d5	35			%	1	11/24/15	KCA	30 - 130 %

1

3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	64			%	1	11/24/15	KCA	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	KCA	1

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.

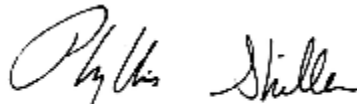
Semi-Volatile Comment:

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.

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

December 18, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/23/15 17:15

Laboratory Data

SDG ID: GBK27464
Phoenix ID: BK27467

Project ID: 2401 3RD AVE BRONX
Client ID: 15 B21 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	60			%		11/23/15	W	SW846-%Solid
Soil Extraction for SVOA	Completed					11/23/15	BJ/CKV	SW3545A
Field Extraction	Completed					11/20/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloroethane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloroethene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloropropene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromoethane	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloroethane	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloropropane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichloropropane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
2,2-Dichloropropane	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
2-Chlorotoluene	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
2-Hexanone	ND	37	7.4	ug/Kg	1	11/25/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	1
4-Chlorotoluene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	37	7.4	ug/Kg	1	11/25/15	JLI	SW8260C	
Acetone	72	JS 74	7.4	ug/Kg	1	11/25/15	JLI	SW8260C	
Acrylonitrile	ND	15	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Benzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromobenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromochloromethane	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromodichloromethane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromoform	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Bromomethane	ND	7.4	3.0	ug/Kg	1	11/25/15	JLI	SW8260C	
Carbon Disulfide	9.3	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Carbon tetrachloride	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Chlorobenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Chloroethane	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Chloroform	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Chloromethane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Dibromochloromethane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Dibromomethane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Ethylbenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Hexachlorobutadiene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Isopropylbenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
m&p-Xylene	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Methyl Ethyl Ketone	21	J 45	7.4	ug/Kg	1	11/25/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	1.9	J 15	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Methylene chloride	ND	7.4	7.4	ug/Kg	1	11/25/15	JLI	SW8260C	
Naphthalene	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
n-Butylbenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
n-Propylbenzene	ND	7.4	1.3	ug/Kg	1	11/25/15	JLI	SW8260C	
o-Xylene	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
p-Isopropyltoluene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
sec-Butylbenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Styrene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
tert-Butylbenzene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Tetrachloroethene	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	15	3.7	ug/Kg	1	11/25/15	JLI	SW8260C	1
Toluene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	15	3.7	ug/Kg	1	11/25/15	JLI	SW8260C	
Trichloroethene	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Trichlorofluoromethane	ND	7.4	1.5	ug/Kg	1	11/25/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
Vinyl chloride	ND	7.4	0.74	ug/Kg	1	11/25/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	103			%	1	11/25/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	87			%	1	11/25/15	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	89			%	1	11/25/15	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	100	59	ug/kg	1	11/25/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	103			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	87			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	89			%	1	11/25/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	30	1.5	ug/Kg	1	11/25/15	JLI	SW8260C
Acrolein	ND	30	3.7	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	30	0.74	ug/Kg	1	11/25/15	JLI	SW8260C
Tert-butyl alcohol	ND	150	30	ug/Kg	1	11/25/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 11/25/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	380	190	ug/Kg	1	11/24/15	KCA	SW8270D
1,2,4-Trichlorobenzene	ND	380	160	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Dichlorobenzene	ND	380	150	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Diphenylhydrazine	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
1,3-Dichlorobenzene	ND	380	160	ug/Kg	1	11/24/15	KCA	SW8270D
1,4-Dichlorobenzene	ND	380	160	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,5-Trichlorophenol	ND	380	300	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,6-Trichlorophenol	ND	380	170	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dichlorophenol	ND	380	190	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dimethylphenol	ND	380	130	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrophenol	ND	1100	380	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrotoluene	ND	380	210	ug/Kg	1	11/24/15	KCA	SW8270D
2,6-Dinitrotoluene	ND	380	170	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chloronaphthalene	ND	380	150	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chlorophenol	ND	380	150	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylnaphthalene	ND	380	160	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylphenol (o-cresol)	ND	110	260	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitroaniline	ND	1100	550	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitrophenol	ND	380	350	ug/Kg	1	11/24/15	KCA	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	380	210	ug/Kg	1	11/24/15	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	1100	260	ug/Kg	1	11/24/15	KCA	SW8270D
3-Nitroaniline	ND	1100	1100	ug/Kg	1	11/24/15	KCA	SW8270D
4,6-Dinitro-2-methylphenol	ND	2700	590	ug/Kg	1	11/24/15	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	380	160	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloro-3-methylphenol	ND	380	190	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloroaniline	ND	440	250	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitroaniline	ND	1100	180	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitrophenol	ND	540	250	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthene	ND	380	170	ug/Kg	1	11/24/15	KCA	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	380	150	ug/Kg	1	11/24/15	KCA	SW8270D
Acetophenone	ND	380	170	ug/Kg	1	11/24/15	KCA	SW8270D
Aniline	ND	440	440	ug/Kg	1	11/24/15	KCA	SW8270D
Anthracene	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
Benz(a)anthracene	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
Benzidine	ND	1100	320	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(a)pyrene	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(b)fluoranthene	ND	380	190	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(ghi)perylene	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(k)fluoranthene	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
Benzoic acid	ND	2700	1100	ug/Kg	1	11/24/15	KCA	SW8270D
Benzyl butyl phthalate	ND	380	140	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	380	150	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	380	150	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	380	150	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	380	160	ug/Kg	1	11/24/15	KCA	SW8270D
Carbazole	ND	2700	410	ug/Kg	1	11/24/15	KCA	SW8270D
Chrysene	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenz(a,h)anthracene	ND	110	180	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenzofuran	ND	380	160	ug/Kg	1	11/24/15	KCA	SW8270D
Diethyl phthalate	ND	380	170	ug/Kg	1	11/24/15	KCA	SW8270D
Dimethylphthalate	ND	380	170	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-butylphthalate	ND	380	140	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-octylphthalate	ND	380	140	ug/Kg	1	11/24/15	KCA	SW8270D
Fluoranthene	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
Fluorene	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobenzene	ND	380	160	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobutadiene	ND	380	200	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorocyclopentadiene	ND	380	170	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachloroethane	ND	380	160	ug/Kg	1	11/24/15	KCA	SW8270D
Indeno(1,2,3-cd)pyrene	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
Isophorone	ND	380	150	ug/Kg	1	11/24/15	KCA	SW8270D
Naphthalene	ND	380	160	ug/Kg	1	11/24/15	KCA	SW8270D
Nitrobenzene	ND	380	190	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodimethylamine	ND	380	150	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	380	180	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodiphenylamine	ND	380	210	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachloronitrobenzene	ND	380	200	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachlorophenol	ND	380	210	ug/Kg	1	11/24/15	KCA	SW8270D
Phenanthrene	ND	380	160	ug/Kg	1	11/24/15	KCA	SW8270D
Phenol	ND	110	170	ug/Kg	1	11/24/15	KCA	SW8270D
Pyrene	ND	380	190	ug/Kg	1	11/24/15	KCA	SW8270D
Pyridine	ND	380	130	ug/Kg	1	11/24/15	KCA	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	60			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorobiphenyl	32			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorophenol	43			%	1	11/24/15	KCA	30 - 130 %
% Nitrobenzene-d5	32			%	1	11/24/15	KCA	30 - 130 %
% Phenol-d5	53			%	1	11/24/15	KCA	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	80			%	1	11/24/15	KCA	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	KCA	1

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:

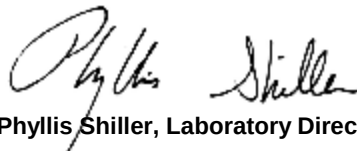
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 18, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/23/15

Time

17:15

Laboratory Data

SDG ID: GBK27464
Phoenix ID: BK27468

Project ID: 2401 3RD AVE BRONX
Client ID: 15 B22 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	3.09	0.46	0.46	mg/Kg	1	11/24/15	EK	SW6010C
Aluminum	6890	46	9.3	mg/Kg	10	11/24/15	LK	SW6010C
Arsenic	14.2	0.9	0.93	mg/Kg	1	11/24/15	LK	SW6010C
Barium	537	0.9	0.46	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.25	B 0.37	0.19	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	18700	46	43	mg/Kg	10	11/24/15	LK	SW6010C
Cadmium	4.96	0.46	0.19	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	15.9	0.46	0.46	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	128	0.46	0.46	mg/Kg	1	11/24/15	LK	SW6010C
Copper	1340	4.6	4.6	mg/kg	10	11/24/15	LK	SW6010C
Iron	71300	46	46	mg/Kg	10	11/24/15	LK	SW6010C
Mercury	0.34	0.04	0.02	mg/Kg	1	11/25/15	RS	SW7471B
Potassium	1640	N 9	3.6	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	3630	4.6	4.6	mg/Kg	1	11/24/15	LK	SW6010C
Manganese	992	N 4.6	4.6	mg/Kg	10	11/24/15	LK	SW6010C
Sodium	1350	9	4.0	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	131	0.46	0.46	mg/Kg	1	11/24/15	LK	SW6010C
Lead	1550	9.3	4.6	mg/Kg	10	11/24/15	LK	SW6010C
Antimony	< 2.3	2.3	2.3	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.9	1.9	1.6	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.9	1.9	1.9	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	53.3	0.5	0.46	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	2840	93	46	mg/Kg	100	11/24/15	EK	SW6010C
Percent Solid	71			%		11/23/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	5.13	0.70	0.35	mg/Kg	1	11/24/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/23/15	BC	SW3545A
Soil Extraction for Pesticide	Completed					11/23/15	BC/V	SW3545A
Soil Extraction for SVOA	Completed					11/23/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/24/15	W/W	SW7471B
Total Metals Digest	Completed					11/23/15	G/AG	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	46	46	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1221	ND	46	46	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1232	ND	46	46	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1242	ND	46	46	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1248	ND	46	46	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1254	ND	46	46	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1260	210	46	46	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1262	ND	46	46	ug/Kg	2	11/25/15	AW	SW8082A
PCB-1268	ND	46	46	ug/Kg	2	11/25/15	AW	SW8082A

QA/QC Surrogates

% DCBP	104			%	2	11/25/15	AW	30 - 150 %
% TCMX	92			%	2	11/25/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	14	14	ug/Kg	10	11/24/15	CE	SW8081B
4,4' -DDE	130	14	14	ug/Kg	10	11/24/15	CE	SW8081B
4,4' -DDT	280	14	14	ug/Kg	10	11/24/15	CE	SW8081B
α-BHC	ND	12	12	ug/Kg	10	11/24/15	CE	SW8081B
α-Chlordane	300	23	23	ug/Kg	10	11/24/15	CE	SW8081B
Aldrin	ND	12	12	ug/Kg	10	11/24/15	CE	SW8081B
β-BHC	ND	12	12	ug/Kg	10	11/24/15	CE	SW8081B
Chlordane	1600	230	230	ug/Kg	10	11/24/15	CE	SW8081B
δ-BHC	ND	23	23	ug/Kg	10	11/24/15	CE	SW8081B
Dieldrin	ND	23	23	ug/Kg	10	11/24/15	CE	SW8081B
Endosulfan I	ND	46	46	ug/Kg	10	11/24/15	CE	SW8081B
Endosulfan II	ND	46	46	ug/Kg	10	11/24/15	CE	SW8081B
Endosulfan sulfate	ND	46	46	ug/Kg	10	11/24/15	CE	SW8081B
Endrin	ND	23	23	ug/Kg	10	11/24/15	CE	SW8081B
Endrin aldehyde	ND	46	46	ug/Kg	10	11/24/15	CE	SW8081B
Endrin ketone	ND	46	46	ug/Kg	10	11/24/15	CE	SW8081B
γ-BHC	ND	9.2	9.2	ug/Kg	10	11/24/15	CE	SW8081B
γ-Chlordane	250	23	23	ug/Kg	10	11/24/15	CE	SW8081B
Heptachlor	ND	23	23	ug/Kg	10	11/24/15	CE	SW8081B
Heptachlor epoxide	ND	46	46	ug/Kg	10	11/24/15	CE	SW8081B
Methoxychlor	ND	230	230	ug/Kg	10	11/24/15	CE	SW8081B
Toxaphene	ND	920	920	ug/Kg	10	11/24/15	CE	SW8081B

QA/QC Surrogates

% DCBP	142			%	10	11/24/15	CE	30 - 150 %
% TCMX	81			%	10	11/24/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
2-Hexanone	ND	25	5.0	ug/Kg	1	11/25/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	11/25/15	JLI	SW8260C
Acetone	19	JS 50	5.0	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	10	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Benzene	0.94	J 5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Bromobenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Bromoform	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Bromomethane	ND	5.0	2.0	ug/Kg	1	11/25/15	JLI	SW8260C
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Chloroethane	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Chloroform	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Chloromethane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Dibromomethane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	11/25/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Methylene chloride	ND	5.0	5.0	ug/Kg	1	11/25/15	JLI	SW8260C
Naphthalene	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
n-Propylbenzene	ND	5.0	0.90	ug/Kg	1	11/25/15	JLI	SW8260C
o-Xylene	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Styrene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	11/25/15	JLI	SW8260C
Toluene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	11/25/15	JLI	SW8260C
Trichloroethene	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	11/25/15	JLI	70 - 130 %
% Dibromofluoromethane	96			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/25/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	40	ug/kg	1	11/25/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/25/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	20	1.0	ug/Kg	1	11/25/15	JLI	SW8260C
Acrolein	ND	20	2.5	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	20	0.50	ug/Kg	1	11/25/15	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	11/25/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/25/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	320	160	ug/Kg	1	11/24/15	KCA	SW8270D
1,2,4-Trichlorobenzene	ND	320	140	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Dichlorobenzene	ND	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Diphenylhydrazine	ND	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
1,3-Dichlorobenzene	ND	320	140	ug/Kg	1	11/24/15	KCA	SW8270D
1,4-Dichlorobenzene	ND	320	140	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,5-Trichlorophenol	ND	320	250	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,6-Trichlorophenol	ND	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dichlorophenol	ND	320	160	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dimethylphenol	ND	320	110	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrophenol	ND	920	320	ug/Kg	1	11/24/15	KCA	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	320	180	ug/Kg	1	11/24/15	KCA	SW8270D
2,6-Dinitrotoluene	ND	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chloronaphthalene	ND	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chlorophenol	ND	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylnaphthalene	ND	320	140	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylphenol (o-cresol)	ND	320	220	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitroaniline	ND	920	470	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitrophenol	ND	320	290	ug/Kg	1	11/24/15	KCA	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	320	180	ug/Kg	1	11/24/15	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	920	220	ug/Kg	1	11/24/15	KCA	SW8270D
3-Nitroaniline	ND	920	920	ug/Kg	1	11/24/15	KCA	SW8270D
4,6-Dinitro-2-methylphenol	ND	2300	500	ug/Kg	1	11/24/15	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	320	140	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloro-3-methylphenol	ND	320	160	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloroaniline	ND	370	220	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	320	160	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitroaniline	ND	920	150	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitrophenol	ND	460	210	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthene	ND	320	140	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthylene	ND	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
Acetophenone	ND	320	140	ug/Kg	1	11/24/15	KCA	SW8270D
Aniline	ND	370	370	ug/Kg	1	11/24/15	KCA	SW8270D
Anthracene	190	J 320	150	ug/Kg	1	11/24/15	KCA	SW8270D
Benz(a)anthracene	560	320	160	ug/Kg	1	11/24/15	KCA	SW8270D
Benzidine	ND	920	270	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(a)pyrene	520	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(b)fluoranthene	540	320	160	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(ghi)perylene	430	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(k)fluoranthene	470	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
Benzoic acid	ND	2300	920	ug/Kg	1	11/24/15	KCA	SW8270D
Benzyl butyl phthalate	ND	320	120	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	320	120	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	380	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
Carbazole	ND	2300	350	ug/Kg	1	11/24/15	KCA	SW8270D
Chrysene	680	320	160	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenz(a,h)anthracene	ND	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenzofuran	ND	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
Diethyl phthalate	ND	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
Dimethylphthalate	ND	320	140	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-butylphthalate	ND	320	120	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-octylphthalate	ND	320	120	ug/Kg	1	11/24/15	KCA	SW8270D
Fluoranthene	960	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
Fluorene	ND	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobenzene	ND	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobutadiene	ND	320	170	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorocyclopentadiene	ND	320	140	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachloroethane	ND	320	140	ug/Kg	1	11/24/15	KCA	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	350	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
Isophorone	ND	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
Naphthalene	ND	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
Nitrobenzene	ND	320	160	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodimethylamine	ND	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodiphenylamine	ND	320	180	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachloronitrobenzene	ND	320	170	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachlorophenol	ND	320	170	ug/Kg	1	11/24/15	KCA	SW8270D
Phenanthrene	740	320	130	ug/Kg	1	11/24/15	KCA	SW8270D
Phenol	ND	320	150	ug/Kg	1	11/24/15	KCA	SW8270D
Pyrene	930	320	160	ug/Kg	1	11/24/15	KCA	SW8270D
Pyridine	ND	320	110	ug/Kg	1	11/24/15	KCA	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	74			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorobiphenyl	57			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorophenol	38			%	1	11/24/15	KCA	30 - 130 %
% Nitrobenzene-d5	51			%	1	11/24/15	KCA	30 - 130 %
% Phenol-d5	44			%	1	11/24/15	KCA	30 - 130 %
% Terphenyl-d14	50			%	1	11/24/15	KCA	30 - 130 %
SVOA Library Search Top 25	Completed					12/03/15	KCA	1

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:

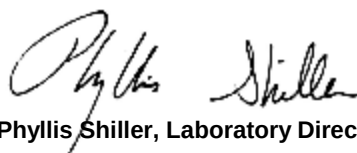
Due to the presence of Chlordane in the sample, an elevated RL was reported.

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

S - Laboratory solvent, contamination is possible.

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

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Phyllis Shiller, Laboratory Director

December 18, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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

Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/23/15 17:15

Time

Laboratory Data

SDG ID: GBK27464
Phoenix ID: BK27469

Project ID: 2401 3RD AVE BRONX
Client ID: 15 B22 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	1.82	0.48	0.48	mg/Kg	1	11/24/15	EK	SW6010C
Aluminum	9890	48	9.7	mg/Kg	10	11/24/15	LK	SW6010C
Arsenic	34.9	1.0	0.97	mg/Kg	1	11/24/15	LK	SW6010C
Barium	121	1.0	0.48	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.55	0.39	0.19	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	71800	48	45	mg/Kg	10	11/24/15	LK	SW6010C
Cadmium	1.10	0.48	0.19	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	14.3	0.48	0.48	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	39.5	0.48	0.48	mg/Kg	1	11/24/15	LK	SW6010C
Copper	145	0.48	0.48	mg/kg	1	11/24/15	LK	SW6010C
Iron	30700	48	48	mg/Kg	10	11/24/15	LK	SW6010C
Mercury	2.85	0.18	0.11	mg/Kg	1	11/25/15	RS	SW7471B
Potassium	4470	N 10	3.8	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	9500	48	48	mg/Kg	10	11/24/15	LK	SW6010C
Manganese	382	N 4.8	4.8	mg/Kg	10	11/24/15	LK	SW6010C
Sodium	4140	10	4.2	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	28.3	0.48	0.48	mg/Kg	1	11/24/15	LK	SW6010C
Lead	255	9.7	4.8	mg/Kg	10	11/24/15	LK	SW6010C
Antimony	< 2.4	2.4	2.4	mg/Kg	1	11/24/15	EK	SW6010C
Selenium	< 1.9	1.9	1.6	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.9	1.9	1.9	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	36.4	0.5	0.48	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	223	9.7	4.8	mg/Kg	10	11/24/15	LK	SW6010C
Percent Solid	63			%		11/23/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	1.55	0.66	0.33	mg/Kg	1	11/24/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/23/15	BC	SW3545A
Soil Extraction for Pesticide	Completed					11/23/15	BC/V	SW3545A
Soil Extraction for SVOA	Completed					11/23/15	BJ/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/24/15	W/W	SW7471B
Total Metals Digest	Completed					11/23/15	G/AG	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	52	52	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1221	ND	52	52	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1232	ND	52	52	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1242	ND	52	52	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1248	ND	52	52	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1254	ND	52	52	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1260	ND	52	52	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1262	ND	52	52	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1268	ND	52	52	ug/Kg	2	11/24/15	AW	SW8082A

QA/QC Surrogates

% DCBP	79			%	2	11/24/15	AW	30 - 150 %
% TCMX	77			%	2	11/24/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	3.1	3.1	ug/Kg	2	11/30/15	CE	SW8081B
4,4' -DDE	ND	3.1	3.1	ug/Kg	2	11/30/15	CE	SW8081B
4,4' -DDT	ND	3.1	3.1	ug/Kg	2	11/30/15	CE	SW8081B
α-BHC	ND	10	10	ug/Kg	2	11/30/15	CE	SW8081B
α-Chlordane	ND	5.2	5.2	ug/Kg	2	11/30/15	CE	SW8081B
Aldrin	ND	2.6	2.6	ug/Kg	2	11/30/15	CE	SW8081B
β-BHC	ND	10	10	ug/Kg	2	11/30/15	CE	SW8081B
Chlordane	ND	52	52	ug/Kg	2	11/30/15	CE	SW8081B
δ-BHC	ND	10	10	ug/Kg	2	11/30/15	CE	SW8081B
Dieldrin	ND	1.6	1.6	ug/Kg	2	11/30/15	CE	SW8081B
Endosulfan I	ND	10	10	ug/Kg	2	11/30/15	CE	SW8081B
Endosulfan II	ND	10	10	ug/Kg	2	11/30/15	CE	SW8081B
Endosulfan sulfate	ND	10	10	ug/Kg	2	11/30/15	CE	SW8081B
Endrin	ND	10	10	ug/Kg	2	11/30/15	CE	SW8081B
Endrin aldehyde	ND	10	10	ug/Kg	2	11/30/15	CE	SW8081B
Endrin ketone	ND	10	10	ug/Kg	2	11/30/15	CE	SW8081B
γ-BHC	ND	2.1	2.1	ug/Kg	2	11/30/15	CE	SW8081B
γ-Chlordane	ND	5.2	5.2	ug/Kg	2	11/30/15	CE	SW8081B
Heptachlor	ND	10	10	ug/Kg	2	11/30/15	CE	SW8081B
Heptachlor epoxide	ND	10	10	ug/Kg	2	11/30/15	CE	SW8081B
Methoxychlor	ND	52	52	ug/Kg	2	11/30/15	CE	SW8081B
Toxaphene	ND	210	210	ug/Kg	2	11/30/15	CE	SW8081B

QA/QC Surrogates

% DCBP	84			%	2	11/30/15	CE	30 - 150 %
% TCMX	80			%	2	11/30/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloroethene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloropropene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichloropropane	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trimethylbenzene	34	J	330	33	ug/Kg	50	11/25/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromoethane	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichlorobenzene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloroethane	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloropropane	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichlorobenzene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichloropropane	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
1,4-Dichlorobenzene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
2,2-Dichloropropane	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
2-Chlorotoluene	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
2-Hexanone	ND		32	6.3	ug/Kg	1	11/25/15	JLI	SW8260C
2-Isopropyltoluene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
4-Chlorotoluene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
4-Methyl-2-pentanone	ND		32	6.3	ug/Kg	1	11/25/15	JLI	SW8260C
Acetone	1500	JS	3300	330	ug/Kg	50	11/25/15	JLI	SW8260C
Acrylonitrile	ND		13	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
Benzene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Bromobenzene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Bromochloromethane	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Bromodichloromethane	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
Bromoform	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
Bromomethane	ND		6.3	2.5	ug/Kg	1	11/25/15	JLI	SW8260C
Carbon Disulfide	180	J	330	65	ug/Kg	50	11/25/15	JLI	SW8260C
Carbon tetrachloride	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
Chlorobenzene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Chloroethane	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Chloroform	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Chloromethane	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Dibromochloromethane	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
Dibromomethane	ND		6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
Dichlorodifluoromethane	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Ethylbenzene	45	J	330	33	ug/Kg	50	11/25/15	JLI	SW8260C
Hexachlorobutadiene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Isopropylbenzene	ND		6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
m&p-Xylene	89	J	330	65	ug/Kg	50	11/25/15	JLI	SW8260C
Methyl Ethyl Ketone	ND		38	6.3	ug/Kg	1	11/25/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND		13	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
Methylene chloride	ND		6.3	6.3	ug/Kg	1	11/25/15	JLI	SW8260C
Naphthalene	400		330	65	ug/Kg	50	11/25/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
n-Propylbenzene	ND	6.3	1.1	ug/Kg	1	11/25/15	JLI	SW8260C
o-Xylene	ND	6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
p-Isopropyltoluene	ND	6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
sec-Butylbenzene	ND	6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Styrene	ND	6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
tert-Butylbenzene	ND	6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Tetrachloroethene	ND	6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	13	3.2	ug/Kg	1	11/25/15	JLI	SW8260C
Toluene	ND	6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	13	3.2	ug/Kg	1	11/25/15	JLI	SW8260C
Trichloroethene	ND	6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Trichlorofluoromethane	ND	6.3	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Vinyl chloride	0.69	J 6.3	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/25/15	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	86			%	1	11/25/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	51	ug/kg	1	11/25/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	86			%	1	11/25/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	25	1.3	ug/Kg	1	11/25/15	JLI	SW8260C
Acrolein	ND	25	3.2	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	25	0.63	ug/Kg	1	11/25/15	JLI	SW8260C
Tert-butyl alcohol	ND	130	25	ug/Kg	1	11/25/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/25/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	360	180	ug/Kg	1	11/24/15	KCA	SW8270D
1,2,4-Trichlorobenzene	ND	360	160	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Dichlorobenzene	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Diphenylhydrazine	ND	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
1,3-Dichlorobenzene	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
1,4-Dichlorobenzene	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,5-Trichlorophenol	ND	360	280	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,6-Trichlorophenol	ND	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dichlorophenol	ND	360	180	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dimethylphenol	ND	360	130	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrophenol	ND	1000	360	ug/Kg	1	11/24/15	KCA	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	360	200	ug/Kg	1	11/24/15	KCA	SW8270D
2,6-Dinitrotoluene	ND	360	160	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chloronaphthalene	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chlorophenol	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylnaphthalene	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylphenol (o-cresol)	ND	330	240	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitroaniline	ND	1000	520	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitrophenol	ND	360	330	ug/Kg	1	11/24/15	KCA	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	360	200	ug/Kg	1	11/24/15	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	1000	240	ug/Kg	1	11/24/15	KCA	SW8270D
3-Nitroaniline	ND	1000	1000	ug/Kg	1	11/24/15	KCA	SW8270D
4,6-Dinitro-2-methylphenol	ND	2600	560	ug/Kg	1	11/24/15	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloro-3-methylphenol	ND	360	180	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloroaniline	ND	410	240	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitroaniline	ND	1000	170	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitrophenol	ND	520	230	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthene	ND	360	160	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthylene	190	J 360	140	ug/Kg	1	11/24/15	KCA	SW8270D
Acetophenone	ND	360	160	ug/Kg	1	11/24/15	KCA	SW8270D
Aniline	ND	410	410	ug/Kg	1	11/24/15	KCA	SW8270D
Anthracene	210	J 360	170	ug/Kg	1	11/24/15	KCA	SW8270D
Benz(a)anthracene	870	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
Benzidine	ND	1000	300	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(a)pyrene	1200	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(b)fluoranthene	690	360	180	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(ghi)perylene	590	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(k)fluoranthene	790	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
Benzoic acid	ND	2600	1000	ug/Kg	1	11/24/15	KCA	SW8270D
Benzyl butyl phthalate	ND	360	130	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	360	140	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	360	140	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	360	140	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
Carbazole	ND	2600	390	ug/Kg	1	11/24/15	KCA	SW8270D
Chrysene	860	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenz(a,h)anthracene	ND	330	170	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenzofuran	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
Diethyl phthalate	ND	360	160	ug/Kg	1	11/24/15	KCA	SW8270D
Dimethylphthalate	ND	360	160	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-butylphthalate	ND	360	140	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-octylphthalate	ND	360	130	ug/Kg	1	11/24/15	KCA	SW8270D
Fluoranthene	710	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
Fluorene	ND	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobenzene	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobutadiene	ND	360	190	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorocyclopentadiene	ND	360	160	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachloroethane	ND	360	160	ug/Kg	1	11/24/15	KCA	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	500	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
Isophorone	ND	360	140	ug/Kg	1	11/24/15	KCA	SW8270D
Naphthalene	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
Nitrobenzene	ND	360	180	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodimethylamine	ND	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	360	170	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodiphenylamine	ND	360	200	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachloronitrobenzene	ND	360	190	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachlorophenol	ND	360	200	ug/Kg	1	11/24/15	KCA	SW8270D
Phenanthrene	500	360	150	ug/Kg	1	11/24/15	KCA	SW8270D
Phenol	ND	330	170	ug/Kg	1	11/24/15	KCA	SW8270D
Pyrene	1700	360	180	ug/Kg	1	11/24/15	KCA	SW8270D
Pyridine	ND	360	130	ug/Kg	1	11/24/15	KCA	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	89			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorobiphenyl	66			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorophenol	47			%	1	11/24/15	KCA	30 - 130 %
% Nitrobenzene-d5	49			%	1	11/24/15	KCA	30 - 130 %
% Phenol-d5	54			%	1	11/24/15	KCA	30 - 130 %
% Terphenyl-d14	67			%	1	11/24/15	KCA	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	KCA	1

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:

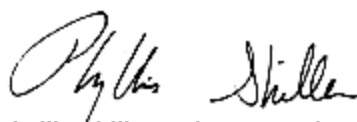
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 18, 2015

Reviewed and Released by: Jon Carlson, Project Manager



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



Analysis Report

December 18, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/23/15 17:15

Time

Laboratory Data

SDG ID: GBK27464
Phoenix ID: BK27470

Project ID: 2401 3RD AVE BRONX
Client ID: SOIL DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	4720	35	7.0	mg/Kg	10	11/24/15	LK	SW6010C
Arsenic	6.7	0.7	0.70	mg/Kg	1	11/24/15	LK	SW6010C
Barium	104	0.7	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.27	B 0.28	0.14	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	32400	35	32	mg/Kg	10	11/24/15	LK	SW6010C
Cadmium	1.04	0.35	0.14	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	7.10	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	21.7	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Copper	75.8	0.35	0.35	mg/kg	1	11/24/15	LK	SW6010C
Iron	25900	35	35	mg/Kg	10	11/24/15	LK	SW6010C
Mercury	0.09	0.03	0.02	mg/Kg	1	11/25/15	RS	SW7471B
Potassium	993	N 7	2.7	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	11500	35	35	mg/Kg	10	11/24/15	LK	SW6010C
Manganese	284	N 3.5	3.5	mg/Kg	10	11/24/15	LK	SW6010C
Sodium	885	7	3.0	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	22.2	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Lead	497	7.0	3.5	mg/Kg	10	11/24/15	LK	SW6010C
Antimony	< 1.8	1.8	1.8	mg/Kg	1	11/24/15	EK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	31.6	0.4	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	225	7.0	3.5	mg/Kg	10	11/24/15	LK	SW6010C
Percent Solid	87			%		11/23/15	W	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.57	0.57	0.29	mg/Kg	1	11/24/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/23/15	BC	SW3545A
Soil Extraction for Pesticide	Completed					11/23/15	BC/V	SW3545A
Soil Extraction for SVOA	Completed					11/23/15	BJ/CKV	SW3545A

Client ID: SOIL DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/24/15	W/W	SW7471B
Total Metals Digest	Completed					11/23/15	G/AG	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	38	38	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1221	ND	38	38	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1232	ND	38	38	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1242	ND	38	38	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1248	ND	38	38	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1254	ND	38	38	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1260	110	38	38	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1262	ND	38	38	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1268	ND	38	38	ug/Kg	2	11/24/15	AW	SW8082A

QA/QC Surrogates

% DCBP	103			%	2	11/24/15	AW	30 - 150 %
% TCMX	81			%	2	11/24/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	8.0	2.3	2.3	ug/Kg	2	11/24/15	C/P	SW8081B
4,4' -DDE	22	2.3	2.3	ug/Kg	2	11/24/15	C/P	SW8081B
4,4' -DDT	32	2.3	2.3	ug/Kg	2	11/24/15	C/P	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	11/24/15	C/P	SW8081B
a-Chlordane	ND	11	11	ug/Kg	2	11/24/15	C/P	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	11/24/15	C/P	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	11/24/15	C/P	SW8081B
Chlordane	ND	38	38	ug/Kg	2	11/24/15	C/P	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	11/24/15	C/P	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	11/24/15	C/P	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	11/24/15	C/P	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	11/24/15	C/P	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	11/24/15	C/P	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	11/24/15	C/P	SW8081B
Endrin aldehyde	220	75	75	ug/Kg	20	11/26/15	C/P	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	11/24/15	C/P	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/24/15	C/P	SW8081B
g-Chlordane	ND	15	15	ug/Kg	2	11/24/15	C/P	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	11/24/15	C/P	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	11/24/15	C/P	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	11/24/15	C/P	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/24/15	C/P	SW8081B

QA/QC Surrogates

% DCBP	93			%	2	11/24/15	C/P	30 - 150 %
% TCMX	72			%	2	11/24/15	C/P	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C

Client ID: SOIL DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloroethene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
1,1-Dichloropropene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dibromoethane	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloroethane	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
1,2-Dichloropropane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
1,3,5-Trimethylbenzene	1.6	J 9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
1,3-Dichloropropane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
2,2-Dichloropropane	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
2-Chlorotoluene	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
2-Hexanone	ND	48	9.7	ug/Kg	1	11/25/15	JLI	SW8260C
2-Isopropyltoluene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
4-Chlorotoluene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	48	9.7	ug/Kg	1	11/25/15	JLI	SW8260C
Acetone	18	JS 50	9.7	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	19	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Benzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Bromobenzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Bromochloromethane	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Bromodichloromethane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Bromoform	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Bromomethane	ND	9.7	3.9	ug/Kg	1	11/25/15	JLI	SW8260C
Carbon Disulfide	3.3	J 9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Carbon tetrachloride	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Chlorobenzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Chloroethane	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Chloroform	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Chloromethane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Dibromochloromethane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Dibromomethane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Dichlorodifluoromethane	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Ethylbenzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Hexachlorobutadiene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Isopropylbenzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
m&p-Xylene	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	58	9.7	ug/Kg	1	11/25/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	19	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Methylene chloride	ND	9.7	9.7	ug/Kg	1	11/25/15	JLI	SW8260C
Naphthalene	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
n-Propylbenzene	ND	9.7	1.7	ug/Kg	1	11/25/15	JLI	SW8260C
o-Xylene	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
p-Isopropyltoluene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
sec-Butylbenzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Styrene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
tert-Butylbenzene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Tetrachloroethene	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	19	4.8	ug/Kg	1	11/25/15	JLI	SW8260C
Toluene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	19	4.8	ug/Kg	1	11/25/15	JLI	SW8260C
Trichloroethene	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Trichlorofluoromethane	ND	9.7	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Vinyl chloride	ND	9.7	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	93			%	1	11/25/15	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/25/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	77	ug/kg	1	11/25/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	11/25/15	JLI	70 - 130 %
% Bromofluorobenzene	93			%	1	11/25/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/25/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	39	1.9	ug/Kg	1	11/25/15	JLI	SW8260C
Acrolein	ND	39	4.8	ug/Kg	1	11/25/15	JLI	SW8260C
Acrylonitrile	ND	39	0.97	ug/Kg	1	11/25/15	JLI	SW8260C
Tert-butyl alcohol	ND	190	39	ug/Kg	1	11/25/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/25/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	1	11/24/15	KCA	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dimethylphenol	ND	260	93	ug/Kg	1	11/24/15	KCA	SW8270D
2,4-Dinitrophenol	ND	750	260	ug/Kg	1	11/24/15	KCA	SW8270D

Client ID: SOIL DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	11/24/15	KCA	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylnaphthalene	510	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitroaniline	ND	750	380	ug/Kg	1	11/24/15	KCA	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	11/24/15	KCA	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/24/15	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	1	11/24/15	KCA	SW8270D
3-Nitroaniline	ND	750	750	ug/Kg	1	11/24/15	KCA	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	1	11/24/15	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chloroaniline	ND	300	180	ug/Kg	1	11/24/15	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitroaniline	ND	750	130	ug/Kg	1	11/24/15	KCA	SW8270D
4-Nitrophenol	ND	380	170	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthene	2800	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Acenaphthylene	430	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/24/15	KCA	SW8270D
Anthracene	2300	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benz(a)anthracene	1300	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzidine	ND	750	220	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(a)pyrene	1100	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(b)fluoranthene	1400	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(ghi)perylene	910	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzo(k)fluoranthene	760	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Benzoic acid	ND	1900	750	ug/Kg	1	11/24/15	KCA	SW8270D
Benzyl butyl phthalate	ND	260	97	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Carbazole	520	1900	290	ug/Kg	1	11/24/15	KCA	SW8270D
Chrysene	1600	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dibenzofuran	550	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-butylphthalate	ND	260	100	ug/Kg	1	11/24/15	KCA	SW8270D
Di-n-octylphthalate	ND	260	97	ug/Kg	1	11/24/15	KCA	SW8270D
Fluoranthene	5400	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Fluorene	980	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	640	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Isophorone	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Naphthalene	340	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/24/15	KCA	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	11/24/15	KCA	SW8270D
Phenanthrene	4100	260	110	ug/Kg	1	11/24/15	KCA	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/24/15	KCA	SW8270D
Pyrene	6900	260	130	ug/Kg	1	11/24/15	KCA	SW8270D
Pyridine	ND	260	93	ug/Kg	1	11/24/15	KCA	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	84			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorobiphenyl	74			%	1	11/24/15	KCA	30 - 130 %
% 2-Fluorophenol	50			%	1	11/24/15	KCA	30 - 130 %
% Nitrobenzene-d5	68			%	1	11/24/15	KCA	30 - 130 %
% Phenol-d5	59			%	1	11/24/15	KCA	30 - 130 %
% Terphenyl-d14	75			%	1	11/24/15	KCA	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	KCA	1

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:

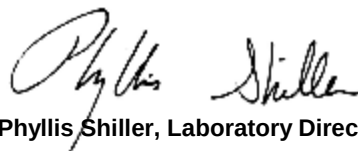
Sample was evaluated against an external standard.

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

December 18, 2015

Reviewed and Released by: Jon Carlson, Project Manager

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK27464

Matrix:(soil/water) SOIL

Lab Sample ID: BK27464

Sample wt/vol: 4.94 (g/mL) g

Lab File ID: 1124M23.D

Level: (low/med) Low

Date Received: 11/23/15

% Moisture: not dec.	15

Date Analyzed: 11/24/15

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

Dilution Factor: 1

Soil Extract Volume: 5000 (uL)

Soil Aliquot Vol (uL): 5000

Number TICs found: 3

CONCENTRATION UNITS:

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

[illegible]

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK27464

Matrix:(soil/water) SOIL

Lab Sample ID: BK27465

Sample wt/vol: 5.98 (g/mL) g

Lab File ID: 1125M10.D

Level: (low/med) Low

Date Received: 11/23/15

% Moisture: not dec.	17

Date Analyzed: 11/25/15

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

Dilution Factor: 1

Soil Extract Volume: 5000 (uL)

Soil Aliquot Vol (uL): 5000

Number TICs found: 0

CONCENTRATION UNITS:

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

[illegible]

CLIENT ID

Client: EBC

SDG No.: GBK27464

Lab Sample ID: BK27467

Lab File ID: 1125M12.D

Date Received: 11/23/15

Date Analyzed: 11/25/15

Dilution Factor: 1

Soil Aliquot Vol (uL): 5000

CONCENTRATION UNITS:

[illegible]

CLIENT ID

15 B22 6-8

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK27464

Matrix:(soil/water) SOIL

Lab Sample ID: BK27469

Sample wt/vol: 6.23 (g/mL) g

Lab File ID: 1125M14.D

Level: (low/med) Low

Date Received: 11/23/15

% Moisture: not dec.	37

Date Analyzed: 11/25/15

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

Dilution Factor: 1

Soil Extract Volume: 5000 (uL)

Soil Aliquot Vol (uL): 5000

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

[illegible]

CLIENT ID

SOIL DUPLICATE

Client: EBC

SAS No.:

SDG No.: GBK27464

Lab Sample ID: BK27470

Lab File ID: 1125M15.D

Date Received: 11/23/15

Date Analyzed: 11/25/15

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.: GBK27464

Matrix:(soil/water) SOIL

Lab Sample ID: BK27464

Sample wt/vol: 15.34 (g/mL) g

Lab File ID: 1123_39.D

Level: (low/med) Low

Date Received: 11/23/15

% Moisture: not dec. 15 decanted:(Y/N) NA

Date Extracted: 11/24/15

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

Date Analyzed: 11/24/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 2

(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.: GBK27464

Matrix:(soil/water) SOIL

Lab Sample ID: BK27465

Sample wt/vol: 15.41 (g/mL) g

Lab File ID: 1123_53.D

Level: (low/med) Low

Date Received: 11/23/15

% Moisture: not dec. 17 decanted:(Y/N) NA

Date Extracted: 11/24/15

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

Date Analyzed: 11/24/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 2

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.: GBK27464

Matrix:(soil/water) SOIL

Lab Sample ID: BK27466

Sample wt/vol: 15.14 (g/mL) g

Lab File ID: 1123_54.D

Level: (low/med) Low

Date Received: 11/23/15

% Moisture: not dec. 16 decanted:(Y/N) NA

Date Extracted: 11/24/15

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

Date Analyzed: 11/24/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 2

[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.: GBK27464

Matrix:(soil/water) SOIL

Lab Sample ID: BK27469

Sample wt/vol: 15.35 (g/mL) g

Lab File ID: 1123_55.D

Level: (low/med) Low

Date Received: 11/23/15

% Moisture: not dec. 37 decanted:(Y/N) NA

Date Extracted: 11/24/15

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

Date Analyzed: 11/24/2015

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.

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID
SOIL DUPLICATE

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.: _____

SAS No.: _____

SDG No.: GBK27464

Matrix:(soil/water) SOIL

Lab Sample ID: BK27470

Sample wt/vol: 15.28 (g/mL) g

Lab File ID: 1123_56.D

Level: (low/med) Low

Date Received: 11/23/15

% Moisture: not dec. 13 decanted:(Y/N) NA

Date Extracted: 11/24/15

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

Date Analyzed: 11/24/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 25

ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1.281	10000	JNA
	Unknown	2.845	520	JN
	Unknown	3.687	570	JN
000571-61-9	Naphthalene, 1,5-dimethyl-	4.122	960	JN
000575-43-9	Naphthalene, 1,6-dimethyl-	4.198	1200	JN
	Unknown	4.210	1100	JN
	Unknown	4.298	1100	JN
	Unknown	4.751	570	JN
	Unknown	4.810	670	JN
	Unknown	5.016	490	JN
	Unknown	5.092	880	JN
	Unknown	5.304	480	JN
	Unknown	5.551	500	JN
	Unknown	6.028	700	JN
000613-12-7	Anthracene, 2-methyl-	6.181	670	JN
000832-71-3	Phenanthrene, 3-methyl-	6.204	770	JN
	Unknown	6.275	1500	JN
	Unknown	6.328	8400	JN
000544-76-3	Hexadecane	7.075	690	JN
	Unknown	7.380	1300	JN
013475-75-7	Pentadecane, 8-hexyl-	7.680	1700	JN
000593-49-7	Heptacosane	7.986	2500	JN
007225-64-1	Heptadecane, 9-octyl-	8.327	2700	JN
055124-79-3	Heptadecane, 9-hexyl-	8.722	2900	JN
055333-99-8	Eicosane, 7-hexyl-	9.174	3000	JN

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.



Environmental Laboratories, Inc.
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QA/QC Report

December 18, 2015

QA/QC Data

SDG I.D.: GBK27464

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 327624 (mg/kg), QC Sample No: BK27257 (BK27464, BK27465, BK27468, BK27469, BK27470)													
<u>ICP Metals - Soil</u>													
Aluminum	BRL	5.0	5030	5060	0.60	99.1	104	4.8	NC	NC	NC	80 - 120	30
Antimony	BRL	3.3	<1.8	<3.3	NC	91.9	101	9.4	88.1	84.7	3.9	70 - 130	30
Arsenic	BRL	0.67	1.6	1.49	NC	95.0	99.3	4.4	91.4	89.1	2.5	80 - 120	30
Barium	BRL	0.33	33.4	31.6	5.50	102	109	6.6	89.0	86.7	2.6	80 - 120	30
Beryllium	BRL	0.27	0.33	0.36	NC	88.2	95.1	7.5	95.6	92.6	3.2	80 - 120	30
Cadmium	BRL	0.33	0.33	0.39	NC	113	120	6.0	92.2	89.5	3.0	80 - 120	30
Calcium	BRL	5.0	1040	983	5.60	84.4	90.0	6.4	NC	NC	NC	80 - 120	30
Chromium	BRL	0.33	12.1	13.9	13.8	94.1	102	8.1	98.6	95.9	2.8	80 - 120	30
Cobalt	BRL	0.33	6.21	6.19	0.30	105	116	10.0	95.3	92.2	3.3	80 - 120	30
Copper	BRL	0.33	11.8	12.5	5.80	87.7	94.8	7.8	101	99.0	2.0	80 - 120	30
Iron	BRL	5.0	15600	18300	15.9	98.4	100	1.6	NC	NC	NC	80 - 120	30
Lead	BRL	0.33	6.9	7.99	14.6	107	109	1.9	94.7	91.2	3.8	80 - 120	30
Magnesium	BRL	5.0	1640	1640	0	81.2	85.6	5.3	NC	NC	NC	80 - 120	30
Manganese	BRL	0.33	433	385	11.7	95.1	107	11.8	60.9	>130	NC	80 - 120	30 m
Nickel	BRL	0.33	14.4	11.7	20.7	105	115	9.1	92.4	89.9	2.7	80 - 120	30
Potassium	BRL	5.0	878	934	6.20	97.5	101	3.5	>130	>130	NC	80 - 120	30 m
Selenium	BRL	1.3	<1.4	<1.3	NC	89.0	95.2	6.7	77.2	108	33.3	80 - 120	30 r
Silver	BRL	0.33	<0.35	<0.33	NC	91.2	95.7	4.8	94.8	91.8	3.2	70 - 130	30
Sodium	BRL	5.0	76	64.8	15.9	110	118	7.0	103	122	16.9	80 - 120	30
Thallium	BRL	3.0	<1.4	<3.0	NC	114	117	2.6	94.5	91.6	3.1	80 - 120	30
Vanadium	BRL	0.33	22.2	24.3	9.00	94.6	99.4	4.9	95.9	99.0	3.2	80 - 120	30
Zinc	BRL	0.33	21.7	23.5	8.00	98.1	105	6.8	93.8	92.0	1.9	80 - 120	30
QA/QC Batch 327683 (mg/kg), QC Sample No: BK27464 (BK27464, BK27465, BK27468, BK27469, BK27470)													
Mercury - Soil	BRL	0.06	0.06	0.02 B	NC	103	102	1.0	86.0	161	60.7	75 - 125	30 m,r

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

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



Environmental Laboratories, Inc.
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QA/QC Report

December 18, 2015

QA/QC Data

SDG I.D.: GBK27464

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 327769 (mg/Kg), QC Sample No: BK27464 50X (BK27464, BK27465, BK27468, BK27469, BK27470)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	0.400	0.346 B	NC	90.8			97.3			85 - 115	30



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QA/QC Report

December 18, 2015

QA/QC Data

SDG I.D.: GBK27464

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 327616 (ug/Kg), QC Sample No: BK27464 2X (BK27464, BK27465, BK27468, BK27469, BK27470)										
<u>Pesticides - Solid</u>										
4,4' -DDD	ND	1.7	77	78	1.3	74	73	1.4	30 - 150	30
4,4' -DDE	ND	1.7	78	86	9.8	67	68	1.5	40 - 140	30
4,4' -DDT	ND	1.7	83	87	4.7	66	68	3.0	30 - 150	30
a-BHC	ND	1.0	76	82	7.6	78	75	3.9	30 - 150	30
a-Chlordane	ND	3.3	84	88	4.7	79	78	1.3	30 - 150	30
Aldrin	ND	1.0	78	84	7.4	73	71	2.8	40 - 140	30
b-BHC	ND	1.0	74	84	12.7	79	77	2.6	30 - 150	30
Chlordane	ND	33	80	86	7.2	112	103	8.4	30 - 150	30
d-BHC	ND	3.3	62	65	4.7	62	56	10.2	30 - 150	30
Dieldrin	ND	1.0	84	86	2.4	75	71	5.5	40 - 140	30
Endosulfan I	ND	3.3	86	90	4.5	78	75	3.9	30 - 150	30
Endosulfan II	ND	3.3	86	90	4.5	78	73	6.6	30 - 150	30
Endosulfan sulfate	ND	3.3	80	83	3.7	73	74	1.4	40 - 140	30
Endrin	ND	3.3	89	92	3.3	90	87	3.4	40 - 140	30
Endrin aldehyde	ND	3.3	81	85	4.8	74	71	4.1	30 - 150	30
Endrin ketone	ND	3.3	90	93	3.3	89	87	2.3	30 - 150	30
g-BHC	ND	1.0	82	87	5.9	150	149	0.7	40 - 140	30
g-Chlordane	ND	3.3	80	86	7.2	112	103	8.4	40 - 140	30
Heptachlor	ND	3.3	78	83	6.2	75	71	5.5	40 - 140	30
Heptachlor epoxide	ND	3.3	84	89	5.8	81	84	3.6	30 - 150	30
Methoxychlor	ND	3.3	90	91	1.1	90	88	2.2	30 - 150	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	30 - 150	30
% DCBP	107	%	102	98	4.0	83	89	7.0	30 - 150	30
% TCMX	81	%	75	84	11.3	76	75	1.3	30 - 150	30

QA/QC Batch 327629 (ug/Kg), QC Sample No: BK27464 2X (BK27464, BK27465, BK27468, BK27469, BK27470)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	33	62			76	84	10.0	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	70			78	86	9.8	30 - 150	30
PCB-1262	ND	33							30 - 150	30
PCB-1268	ND	33							30 - 150	30
% DCBP (Surrogate Rec)	97	%	85			92	102	10.3	30 - 150	20
% TCMX (Surrogate Rec)	86	%	73			82	90	9.3	30 - 150	20

Comment:

LCS could not be reported for this batch, LCSD was reported as LCS. Aw

QA/QC Data

SDG I.D.: GBK27464

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 327821 (ug/kg), QC Sample No: BK27464 (BK27464 (1X, 50X))										
Volatiles - Solid										
1,1,1,2-Tetrachloroethane	ND	5.0	100	102	2.0	94	85	10.1	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	102	105	2.9	96	89	7.6	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	102	112	9.3	97	91	6.4	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	101	106	4.8	97	88	9.7	70 - 130	30
1,1-Dichloroethane	ND	5.0	104	107	2.8	100	87	13.9	70 - 130	30
1,1-Dichloroethene	ND	5.0	102	105	2.9	93	81	13.8	70 - 130	30
1,1-Dichloropropene	ND	5.0	102	103	1.0	97	87	10.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	105	109	3.7	97	87	10.9	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	95	103	8.1	93	85	9.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	100	106	5.8	95	86	9.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	96	102	6.1	94	86	8.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	100	112	11.3	89	85	4.6	70 - 130	30
1,2-Dibromoethane	ND	5.0	97	105	7.9	93	85	9.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	100	106	5.8	96	88	8.7	70 - 130	30
1,2-Dichloroethane	ND	5.0	102	107	4.8	100	90	10.5	70 - 130	30
1,2-Dichloropropane	ND	5.0	104	108	3.8	100	90	10.5	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	101	104	2.9	99	90	9.5	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	97	102	5.0	95	86	9.9	70 - 130	30
1,3-Dichloropropane	ND	5.0	97	102	5.0	95	85	11.1	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	98	103	5.0	94	86	8.9	70 - 130	30
1,4-dioxane	ND	100	97	97	0.0	91	80	12.9	70 - 130	30
2,2-Dichloropropane	ND	5.0	107	105	1.9	98	88	10.8	70 - 130	30
2-Chlorotoluene	ND	5.0	100	104	3.9	98	89	9.6	70 - 130	30
2-Hexanone	ND	25	92	101	9.3	89	81	9.4	70 - 130	30
2-Isopropyltoluene	ND	5.0	105	108	2.8	102	93	9.2	70 - 130	30
4-Chlorotoluene	ND	5.0	98	102	4.0	94	86	8.9	70 - 130	30
4-Methyl-2-pentanone	ND	25	102	113	10.2	98	90	8.5	70 - 130	30
Acetone	ND	10	84	95	12.3	74	64	14.5	70 - 130	30 m
Acrolein	ND	25	93	102	9.2	79	69	13.5	70 - 130	30 m
Acrylonitrile	ND	5.0	108	114	5.4	103	92	11.3	70 - 130	30
Benzene	ND	1.0	101	103	2.0	96	87	9.8	70 - 130	30
Bromobenzene	ND	5.0	101	108	6.7	99	91	8.4	70 - 130	30
Bromochloromethane	ND	5.0	103	105	1.9	100	92	8.3	70 - 130	30
Bromodichloromethane	ND	5.0	106	110	3.7	97	89	8.6	70 - 130	30
Bromoform	ND	5.0	99	106	6.8	82	76	7.6	70 - 130	30
Bromomethane	ND	5.0	102	102	0.0	70	61	13.7	70 - 130	30 m
Carbon Disulfide	ND	5.0	105	106	0.9	99	86	14.1	70 - 130	30
Carbon tetrachloride	ND	5.0	103	103	0.0	91	82	10.4	70 - 130	30
Chlorobenzene	ND	5.0	100	102	2.0	97	86	12.0	70 - 130	30
Chloroethane	ND	5.0	103	106	2.9	20	19	5.1	70 - 130	30 m
Chloroform	ND	5.0	97	102	5.0	96	80	18.2	70 - 130	30
Chloromethane	ND	5.0	100	101	1.0	96	84	13.3	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	105	107	1.9	101	90	11.5	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	104	109	4.7	95	87	8.8	70 - 130	30
Dibromochloromethane	ND	3.0	104	110	5.6	92	83	10.3	70 - 130	30
Dibromomethane	ND	5.0	102	109	6.6	99	89	10.6	70 - 130	30
Dichlorodifluoromethane	ND	5.0	95	96	1.0	88	79	10.8	70 - 130	30
Ethylbenzene	ND	1.0	101	101	0.0	96	88	8.7	70 - 130	30
Hexachlorobutadiene	ND	5.0	102	100	2.0	86	78	9.8	70 - 130	30
Isopropylbenzene	ND	1.0	101	104	2.9	100	89	11.6	70 - 130	30

QA/QC Data

SDG I.D.: GBK27464

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
m&p-Xylene	ND	2.0	97	99	2.0	93	84	10.2	70 - 130	30
Methyl ethyl ketone	ND	5.0	88	98	10.8	87	80	8.4	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	103	109	5.7	97	88	9.7	70 - 130	30
Methylene chloride	ND	5.0	83	86	3.6	81	73	10.4	70 - 130	30
Naphthalene	ND	5.0	110	121	9.5	110	101	8.5	70 - 130	30
n-Butylbenzene	ND	1.0	102	105	2.9	99	91	8.4	70 - 130	30
n-Propylbenzene	ND	1.0	95	99	4.1	93	86	7.8	70 - 130	30
o-Xylene	ND	2.0	101	105	3.9	98	88	10.8	70 - 130	30
p-Isopropyltoluene	ND	1.0	102	105	2.9	100	91	9.4	70 - 130	30
sec-Butylbenzene	ND	1.0	102	105	2.9	100	92	8.3	70 - 130	30
Styrene	ND	5.0	98	101	3.0	95	86	9.9	70 - 130	30
tert-butyl alcohol	ND	100	101	104	2.9	89	86	3.4	70 - 130	30
tert-Butylbenzene	ND	1.0	100	104	3.9	98	89	9.6	70 - 130	30
Tetrachloroethene	ND	5.0	103	106	2.9	100	89	11.6	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	99	108	8.7	97	87	10.9	70 - 130	30
Toluene	ND	1.0	105	108	2.8	101	91	10.4	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	107	109	1.9	102	93	9.2	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	104	110	5.6	94	86	8.9	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	108	118	8.8	96	86	11.0	70 - 130	30
Trichloroethene	ND	5.0	103	104	1.0	99	88	11.8	70 - 130	30
Trichlorofluoromethane	ND	5.0	96	97	1.0	44	32	31.6	70 - 130	30 m,r
Trichlorotrifluoroethane	ND	5.0	99	100	1.0	95	83	13.5	70 - 130	30
Vinyl chloride	ND	5.0	103	105	1.9	96	85	12.2	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	101	103	2.0	100	102	2.0	70 - 130	30
% Bromofluorobenzene	100	%	100	101	1.0	100	100	0.0	70 - 130	30
% Dibromofluoromethane	99	%	99	99	0.0	98	93	5.2	70 - 130	30
% Toluene-d8	91	%	104	104	0.0	104	104	0.0	70 - 130	30

QA/QC Batch 327631 (ug/Kg), QC Sample No: BK27464 (BK27464, BK27465, BK27466, BK27467, BK27468, BK27469, BK27470)

Semivolatiles - Solid

1,2,4,5-Tetrachlorobenzene	ND	230	71	71	0.0	60	57	5.1	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	67	71	5.8	56	55	1.8	30 - 130	30
1,2-Dichlorobenzene	ND	180	54	58	7.1	46	46	0.0	30 - 130	30
1,2-Diphenylhydrazine	ND	230	75	75	0.0	55	56	1.8	30 - 130	30
1,3-Dichlorobenzene	ND	230	53	59	10.7	42	42	0.0	30 - 130	30
1,4-Dichlorobenzene	ND	230	56	61	8.5	44	46	4.4	30 - 130	30
2,4,5-Trichlorophenol	ND	230	81	83	2.4	59	65	9.7	30 - 130	30
2,4,6-Trichlorophenol	ND	130	78	79	1.3	59	64	8.1	30 - 130	30
2,4-Dichlorophenol	ND	130	75	77	2.6	63	62	1.6	30 - 130	30
2,4-Dimethylphenol	ND	230	67	72	7.2	53	56	5.5	30 - 130	30
2,4-Dinitrophenol	ND	230	<10	<10	NC	44	29	41.1	30 - 130	30 l,m,r
2,4-Dinitrotoluene	ND	130	82	85	3.6	60	60	0.0	30 - 130	30
2,6-Dinitrotoluene	ND	130	79	76	3.9	53	57	7.3	30 - 130	30
2-Chloronaphthalene	ND	230	77	80	3.8	58	61	5.0	30 - 130	30
2-Chlorophenol	ND	230	63	65	3.1	52	52	0.0	30 - 130	30
2-Methylnaphthalene	ND	230	72	74	2.7	70	68	2.9	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	63	67	6.2	53	56	5.5	30 - 130	30
2-Nitroaniline	ND	330	86	89	3.4	49	54	9.7	30 - 130	30
2-Nitrophenol	ND	230	65	68	4.5	56	52	7.4	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	63	64	1.6	52	54	3.8	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	64	71	10.4	19	17	11.1	30 - 130	30 m
3-Nitroaniline	ND	330	72	76	5.4	38	39	2.6	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	17	18	5.7	60	44	30.8	30 - 130	30 l,r

QA/QC Data

SDG I.D.: GBK27464

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Bromophenyl phenyl ether	ND	230	82	84	2.4	58	63	8.3	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	76	77	1.3	64	64	0.0	30 - 130	30	
4-Chloroaniline	ND	230	74	74	0.0	36	33	8.7	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	70	74	5.6	51	54	5.7	30 - 130	30	
4-Nitroaniline	ND	230	80	80	0.0	58	63	8.3	30 - 130	30	
4-Nitrophenol	ND	230	75	71	5.5	56	59	5.2	30 - 130	30	
Acenaphthene	ND	230	74	79	6.5	55	59	7.0	30 - 130	30	
Acenaphthylene	ND	130	69	71	2.9	50	55	9.5	30 - 130	30	
Acetophenone	ND	230	60	64	6.5	54	54	0.0	30 - 130	30	
Aniline	ND	330	58	62	6.7	26	23	12.2	30 - 130	30	m
Anthracene	ND	230	82	86	4.8	59	68	14.2	30 - 130	30	
Benz(a)anthracene	ND	230	78	83	6.2	57	63	10.0	30 - 130	30	
Benzidine	ND	330	67	73	8.6	<10	<10	NC	30 - 130	30	m
Benzo(a)pyrene	ND	130	80	86	7.2	53	59	10.7	30 - 130	30	
Benzo(b)fluoranthene	ND	160	86	85	1.2	56	70	22.2	30 - 130	30	
Benzo(ghi)perylene	ND	230	86	91	5.6	49	49	0.0	30 - 130	30	
Benzo(k)fluoranthene	ND	230	77	90	15.6	54	56	3.6	30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	43	29	38.9	30 - 130	30	l,m,r
Benzyl butyl phthalate	ND	230	77	81	5.1	53	56	5.5	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	71	71	0.0	58	55	5.3	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	55	59	7.0	48	46	4.3	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	56	58	3.5	48	45	6.5	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	80	85	6.1	59	62	5.0	30 - 130	30	
Carbazole	ND	330	83	87	4.7	57	62	8.4	30 - 130	30	
Chrysene	ND	230	81	88	8.3	62	71	13.5	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	82	89	8.2	47	46	2.2	30 - 130	30	
Dibenzofuran	ND	230	78	82	5.0	59	63	6.6	30 - 130	30	
Diethyl phthalate	ND	230	80	82	2.5	57	59	3.4	30 - 130	30	
Dimethylphthalate	ND	230	77	78	1.3	55	58	5.3	30 - 130	30	
Di-n-butylphthalate	ND	230	85	88	3.5	55	58	5.3	30 - 130	30	
Di-n-octylphthalate	ND	230	77	81	5.1	54	56	3.6	30 - 130	30	
Fluoranthene	ND	230	83	86	3.6	64	70	9.0	30 - 130	30	
Fluorene	ND	230	77	79	2.6	57	60	5.1	30 - 130	30	
Hexachlorobenzene	ND	130	83	87	4.7	56	65	14.9	30 - 130	30	
Hexachlorobutadiene	ND	230	67	73	8.6	57	56	1.8	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	57	59	3.4	33	30	9.5	30 - 130	30	
Hexachloroethane	ND	130	54	60	10.5	42	43	2.4	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	88	90	2.2	48	47	2.1	30 - 130	30	
Isophorone	ND	130	67	68	1.5	55	52	5.6	30 - 130	30	
Naphthalene	ND	230	70	72	2.8	65	64	1.6	30 - 130	30	
Nitrobenzene	ND	130	57	60	5.1	51	50	2.0	30 - 130	30	
N-Nitrosodimethylamine	ND	230	52	62	17.5	47	39	18.6	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	62	67	7.8	54	52	3.8	30 - 130	30	
N-Nitrosodiphenylamine	ND	130	76	80	5.1	55	60	8.7	30 - 130	30	
Pentachloronitrobenzene	ND	230	86	86	0.0	58	63	8.3	30 - 130	30	
Pentachlorophenol	ND	230	60	51	16.2	57	63	10.0	30 - 130	30	
Phenanthrene	ND	130	80	85	6.1	67	77	13.9	30 - 130	30	
Phenol	ND	230	73	76	4.0	59	57	3.4	30 - 130	30	
Pyrene	ND	230	83	88	5.8	67	76	12.6	30 - 130	30	
Pyridine	ND	230	40	50	22.2	32	26	20.7	30 - 130	30	m
% 2,4,6-Tribromophenol	74	%	80	84	4.9	57	69	19.0	30 - 130	30	
% 2-Fluorobiphenyl	76	%	71	74	4.1	52	56	7.4	30 - 130	30	
% 2-Fluorophenol	60	%	55	59	7.0	42	39	7.4	30 - 130	30	

QA/QC Data

SDG I.D.: GBK27464

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Nitrobenzene-d5	71	%	57	60	5.1	50	51	2.0	30 - 130	30
% Phenol-d5	68	%	62	64	3.2	50	49	2.0	30 - 130	30
% Terphenyl-d14	79	%	81	84	3.6	51	54	5.7	30 - 130	30

QA/QC Batch 327975 (ug/kg), QC Sample No: BK27758 (BK27465, BK27466, BK27467, BK27468, BK27469, BK27470)

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	5.0	98	106	7.8	103	103	0.0	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	101	114	12.1	108	104	3.8	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	99	112	12.3	104	106	1.9	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	96	109	12.7	101	103	2.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	102	115	12.0	107	107	0.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	109	121	10.4	107	104	2.8	70 - 130	30
1,1-Dichloropropene	ND	5.0	100	111	10.4	108	106	1.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	100	112	11.3	113	110	2.7	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	93	104	11.2	96	97	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	98	108	9.7	106	103	2.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	95	106	10.9	102	101	1.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	93	112	18.5	100	100	0.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	92	104	12.2	101	103	2.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	97	108	10.7	105	103	1.9	70 - 130	30
1,2-Dichloroethane	ND	5.0	102	114	11.1	112	112	0.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	100	111	10.4	108	110	1.8	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	98	111	12.4	106	104	1.9	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	94	105	11.1	102	100	2.0	70 - 130	30
1,3-Dichloropropane	ND	5.0	90	102	12.5	100	102	2.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	96	107	10.8	103	100	3.0	70 - 130	30
1,4-dioxane	ND	100	94	117	21.8	100	111	10.4	70 - 130	30
2,2-Dichloropropane	ND	5.0	101	115	13.0	108	102	5.7	70 - 130	30
2-Chlorotoluene	ND	5.0	97	109	11.7	105	103	1.9	70 - 130	30
2-Hexanone	ND	25	86	98	13.0	92	94	2.2	70 - 130	30
2-Isopropyltoluene	ND	5.0	101	116	13.8	110	109	0.9	70 - 130	30
4-Chlorotoluene	ND	5.0	95	107	11.9	103	101	2.0	70 - 130	30
4-Methyl-2-pentanone	ND	25	98	111	12.4	108	112	3.6	70 - 130	30
Acetone	ND	10	77	86	11.0	73	77	5.3	70 - 130	30
Acrolein	ND	25	98	113	14.2	90	89	1.1	70 - 130	30
Acrylonitrile	ND	5.0	100	113	12.2	112	110	1.8	70 - 130	30
Benzene	ND	1.0	97	110	12.6	105	105	0.0	70 - 130	30
Bromobenzene	ND	5.0	98	111	12.4	106	106	0.0	70 - 130	30
Bromochloromethane	ND	5.0	100	114	13.1	109	109	0.0	70 - 130	30
Bromodichloromethane	ND	5.0	103	116	11.9	109	108	0.9	70 - 130	30
Bromoform	ND	5.0	96	108	11.8	94	95	1.1	70 - 130	30
Bromomethane	ND	5.0	113	125	10.1	81	82	1.2	70 - 130	30
Carbon Disulfide	ND	5.0	113	126	10.9	113	108	4.5	70 - 130	30
Carbon tetrachloride	ND	5.0	100	115	14.0	100	100	0.0	70 - 130	30
Chlorobenzene	ND	5.0	95	106	10.9	104	103	1.0	70 - 130	30
Chloroethane	ND	5.0	113	125	10.1	26	22	16.7	70 - 130	30
Chloroform	ND	5.0	97	109	11.7	97	103	6.0	70 - 130	30
Chloromethane	ND	5.0	105	115	9.1	108	104	3.8	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	100	114	13.1	110	108	1.8	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	100	114	13.1	108	106	1.9	70 - 130	30
Dibromochloromethane	ND	3.0	97	111	13.5	98	102	4.0	70 - 130	30
Dibromomethane	ND	5.0	99	112	12.3	110	109	0.9	70 - 130	30
Dichlorodifluoromethane	ND	5.0	112	124	10.2	112	110	1.8	70 - 130	30

m

QA/QC Data

SDG I.D.: GBK27464

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Ethylbenzene	ND	1.0	97	106	8.9	105	103	1.9	70 - 130	30
Hexachlorobutadiene	ND	5.0	96	109	12.7	104	102	1.9	70 - 130	30
Isopropylbenzene	ND	1.0	97	111	13.5	106	105	0.9	70 - 130	30
m&p-Xylene	ND	2.0	93	103	10.2	100	99	1.0	70 - 130	30
Methyl ethyl ketone	ND	5.0	83	99	17.6	90	92	2.2	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	100	112	11.3	108	107	0.9	70 - 130	30
Methylene chloride	ND	5.0	82	91	10.4	98	93	5.2	70 - 130	30
Naphthalene	ND	5.0	105	121	14.2	124	123	0.8	70 - 130	30
n-Butylbenzene	ND	1.0	100	113	12.2	107	104	2.8	70 - 130	30
n-Propylbenzene	ND	1.0	93	105	12.1	101	100	1.0	70 - 130	30
o-Xylene	ND	2.0	97	107	9.8	105	105	0.0	70 - 130	30
p-Isopropyltoluene	ND	1.0	100	112	11.3	108	105	2.8	70 - 130	30
sec-Butylbenzene	ND	1.0	100	114	13.1	108	106	1.9	70 - 130	30
Styrene	ND	5.0	93	105	12.1	103	102	1.0	70 - 130	30
tert-butyl alcohol	ND	100	98	117	17.7	106	108	1.9	70 - 130	30
tert-Butylbenzene	ND	1.0	97	110	12.6	105	103	1.9	70 - 130	30
Tetrachloroethene	ND	5.0	101	114	12.1	110	109	0.9	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	96	110	13.6	102	102	0.0	70 - 130	30
Toluene	ND	1.0	102	114	11.1	112	110	1.8	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	105	118	11.7	112	110	1.8	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	100	112	11.3	104	105	1.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	103	120	15.2	99	101	2.0	70 - 130	30
Trichloroethene	ND	5.0	100	114	13.1	110	107	2.8	70 - 130	30
Trichlorofluoromethane	ND	5.0	109	121	10.4	50	45	10.5	70 - 130	30 m
Trichlorotrifluoroethane	ND	5.0	107	119	10.6	104	102	1.9	70 - 130	30
Vinyl chloride	ND	5.0	110	124	12.0	108	106	1.9	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	101	101	0.0	100	102	2.0	70 - 130	30
% Bromofluorobenzene	99	%	99	99	0.0	102	103	1.0	70 - 130	30
% Dibromofluoromethane	97	%	97	101	4.0	96	96	0.0	70 - 130	30
% Toluene-d8	90	%	104	104	0.0	104	106	1.9	70 - 130	30

QA/QC Batch 327970 (ug/kg), QC Sample No: BK28580 (BK27469 (50X))

Volatiles - Solid

1,2,4-Trimethylbenzene	ND	1.0	104	103	1.0	82	94	13.6	70 - 130	30
Acetone	ND	10	79	81	2.5	67	64	4.6	70 - 130	30 m
Carbon Disulfide	ND	5.0	110	108	1.8	96	95	1.0	70 - 130	30
Ethylbenzene	ND	1.0	104	104	0.0	107	106	0.9	70 - 130	30
m&p-Xylene	ND	2.0	101	98	3.0	104	101	2.9	70 - 130	30
Naphthalene	ND	5.0	117	120	2.5	98	109	10.6	70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

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

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

December 18, 2015

Sample Criteria Exceedences Report

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

GBK27464 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK27464	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	9.4	2.3	3.3	3.3	ug/Kg
BK27464	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	7.9	2.3	3.3	3.3	ug/Kg
BK27464	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	14.2	0.7	13	13	mg/Kg
BK27464	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	89.3	0.7	63	63	mg/Kg
BK27467	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	72	74	50	50	ug/Kg
BK27467	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	72	74	50	50	ug/Kg
BK27468	\$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	210	46	100	100	ug/Kg
BK27468	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	130	14	3.3	3.3	ug/Kg
BK27468	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	23	14	14	ug/Kg
BK27468	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	23	5	5	ug/Kg
BK27468	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	12	5	5	ug/Kg
BK27468	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	280	14	3.3	3.3	ug/Kg
BK27468	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	14	3.3	3.3	ug/Kg
BK27468	\$PESTSMDPR	a-Chlordane	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	300	23	94	94	ug/Kg
BK27468	AG-SM	Silver	NY / 375-6.8 Metals / Unrestricted Use Soil	3.09	0.46	2	2	mg/Kg
BK27468	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	14.2	0.9	13	13	mg/Kg
BK27468	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	537	0.9	350	350	mg/Kg
BK27468	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	537	0.9	400	400	mg/Kg
BK27468	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	537	0.9	350	350	mg/Kg
BK27468	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	4.96	0.46	2.5	2.5	mg/Kg
BK27468	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential Restricted	4.96	0.46	4.3	4.3	mg/Kg
BK27468	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	4.96	0.46	2.5	2.5	mg/Kg
BK27468	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	128	0.46	30		mg/Kg
BK27468	CU-SM	Copper	NY / 375-6.8 Metals / Residential	1340	4.6	270	270	mg/kg
BK27468	CU-SM	Copper	NY / 375-6.8 Metals / Residential Restricted	1340	4.6	270	270	mg/kg
BK27468	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	1340	4.6	50	50	mg/kg
BK27468	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.34	0.04	0.18	0.18	mg/Kg
BK27468	NI-SM	Nickel	NY / 375-6.8 Metals / Ground Water Protection	131	0.46	130	130	mg/Kg
BK27468	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	131	0.46	30	30	mg/Kg
BK27468	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	1550	9.3	450	450	mg/Kg
BK27468	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	1550	9.3	400	400	mg/Kg
BK27468	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	1550	9.3	400	400	mg/Kg
BK27468	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1550	9.3	63	63	mg/Kg
BK27468	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Ground Water Protection	2840	93	2480	2480	mg/Kg
BK27468	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Residential	2840	93	2200	2200	mg/Kg
BK27468	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	2840	93	109	109	mg/Kg
BK27469	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	1500	3300	50	50	ug/Kg
BK27469	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1500	3300	50	50	ug/Kg
BK27469	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1200	360	1000	1000	ug/Kg
BK27469	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	360	1000	1000	ug/Kg

Sample Criteria Exceedences Report

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

GBK27464 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK27469	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	360	1000	1000	ug/Kg
BK27469	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	34.9	1.0	16	16	mg/Kg
BK27469	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	34.9	1.0	16	16	mg/Kg
BK27469	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	34.9	1.0	16	16	mg/Kg
BK27469	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	34.9	1.0	13	13	mg/Kg
BK27469	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	39.5	0.48	30		mg/Kg
BK27469	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	145	0.48	50	50	mg/kg
BK27469	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	2.85	0.18	0.73	0.73	mg/Kg
BK27469	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.85	0.18	0.81	0.81	mg/Kg
BK27469	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.85	0.18	0.81	0.81	mg/Kg
BK27469	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.85	0.18	0.18	0.18	mg/Kg
BK27469	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	255	9.7	63	63	mg/Kg
BK27469	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	223	9.7	109	109	mg/Kg
BK27470	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1300	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1600	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1400	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1300	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	640	260	500	500	ug/Kg
BK27470	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1600	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	640	260	500	500	ug/Kg
BK27470	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1300	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1400	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Benzo(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	260	1000	1000	ug/Kg
BK27470	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	640	260	500	500	ug/Kg
BK27470	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	260	1000	1000	ug/Kg
BK27470	\$PCB_SMRDP	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	110	38	100	100	ug/Kg
BK27470	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	32	2.3	3.3	3.3	ug/Kg
BK27470	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	8.0	2.3	3.3	3.3	ug/Kg
BK27470	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	22	2.3	3.3	3.3	ug/Kg
BK27470	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	75.8	0.35	50	50	mg/kg
BK27470	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	497	7.0	450	450	mg/Kg
BK27470	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	497	7.0	400	400	mg/Kg
BK27470	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	497	7.0	400	400	mg/Kg
BK27470	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	497	7.0	63	63	mg/Kg
BK27470	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	225	7.0	109	109	mg/Kg

Sample Criteria Exceedences Report
GBK27464 - EBC

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

State: NY

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

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.



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NY Temperature Narration

December 18, 2015

SDG I.D.: GBK27464

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



Wednesday, December 16, 2015

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

Project ID: 2401 3RD AVE BRONX NY
Sample ID#s: BK26739 - BK26744, BK26746 - BK26755

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: 2401 3RD AVE BRONX NY
Laboratory Project: GBK26739



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NY Analytical Services Protocol Format

December 16, 2015

SDG I.D.: GBK26739

Environmental Business Consultants 2401 3RD AVE BRONX 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.

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.

Total Cyanide

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



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NY Analytical Services Protocol Format

December 16, 2015

SDG I.D.: GBK26739

Environmental Business Consultants 2401 3RD AVE BRONX NY

Sample Id Cross Reference

Client Id	Lab Id	Matrix
15 B6 3-5	BK26739	SOLID
15 B6 10-12	BK26740	SOLID
15 B7 6-8	BK26741	SOLID
15 B9 0-2	BK26742	SOLID
15 B9 6-8	BK26743	SOLID
15 B8 6-8	BK26744	SOLID
15 B10 6-8	BK26746	SOLID
15 B17 6-8	BK26747	SOLID
15 B18 0-2	BK26748	SOLID
15 B18 6-8	BK26749	SOLID
15 B19 0-2	BK26750	SOLID
15 B19 6-8	BK26751	SOLID
15 B20 8-10	BK26752	SOLID
15 B15 6-8	BK26753	SOLID
15 B23 2-4	BK26754	SOLID
15 B23 6-8	BK26755	SOLID



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NY Analytical Services Protocol Format

December 16, 2015

SDG I.D.: GBK26739

Environmental Business Consultants 2401 3RD AVE BRONX 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
BK26739	1,4-dioxane	11/20/15	11/22/15	11/22/15	JLI	Y
BK26739	Aluminum	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Antimony	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Arsenic	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Barium	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Beryllium	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Cadmium	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Calcium	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Chromium	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Cobalt	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Copper	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Iron	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Lead	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Magnesium	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Manganese	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Mercury	11/20/15	11/21/15	11/23/15	RS	Y
BK26739	Nickel	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Pesticides - Soil	11/20/15	11/20/15	11/21/15	CE	Y
BK26739	Polychlorinated Biphenyls	11/20/15	11/20/15	11/21/15	AW	Y
BK26739	Potassium	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Selenium	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Semivolatiles	11/20/15	11/20/15	11/21/15	DD	Y
BK26739	Silver	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Sodium	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Thallium	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Total Cyanide (SW9010C Distill.)	11/20/15	11/23/15	11/23/15	O/B/E	Y
BK26739	Vanadium	11/20/15	11/20/15	11/23/15	LK	Y
BK26739	Volatiles	11/20/15	11/22/15	11/22/15	JLI	Y
BK26739	Volatiles	11/20/15	11/22/15	11/22/15	JLI	Y
BK26739	Zinc	11/20/15	11/20/15	11/25/15	EK	Y
BK26740	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26740	Aluminum	11/20/15	11/20/15	11/23/15	LK	Y



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NY Analytical Services Protocol Format

December 16, 2015

SDG I.D.: GBK26739

Environmental Business Consultants 2401 3RD AVE BRONX NY

BK26740	Antimony	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Arsenic	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Barium	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Beryllium	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Cadmium	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Calcium	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Chromium	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Cobalt	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Copper	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Iron	11/20/15	11/20/15	11/23/15	LK	Y
BK26740	Lead	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Magnesium	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Manganese	11/20/15	11/20/15	11/23/15	LK	Y
BK26740	Mercury	11/20/15	11/21/15	11/23/15	RS	Y
BK26740	Nickel	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Pesticides - Soil	11/20/15	11/20/15	11/21/15	CE	Y
BK26740	Polychlorinated Biphenyls	11/20/15	11/20/15	11/21/15	AW	Y
BK26740	Potassium	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Selenium	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Semivolatiles	11/20/15	11/20/15	11/21/15	DD	Y
BK26740	Silver	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Sodium	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Thallium	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Total Cyanide (SW9010C Distill.)	11/20/15	11/23/15	11/23/15	O/B/E	Y
BK26740	Vanadium	11/20/15	11/20/15	11/24/15	LK	Y
BK26740	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26740	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26740	Zinc	11/20/15	11/20/15	11/24/15	EK	Y
BK26741	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26741	Semivolatiles	11/20/15	11/20/15	11/21/15	DD	Y
BK26741	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26741	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26742	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26742	Aluminum	11/20/15	11/20/15	11/23/15	LK	Y
BK26742	Antimony	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Arsenic	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Barium	11/20/15	11/20/15	11/24/15	LK	Y



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SDG I.D.: GBK26739

Environmental Business Consultants 2401 3RD AVE BRONX NY

BK26742	Beryllium	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Cadmium	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Calcium	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Chromium	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Cobalt	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Copper	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Iron	11/20/15	11/20/15	11/23/15	LK	Y
BK26742	Lead	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Magnesium	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Manganese	11/20/15	11/20/15	11/23/15	LK	Y
BK26742	Mercury	11/20/15	11/21/15	11/23/15	RS	Y
BK26742	Nickel	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Pesticides - Soil	11/20/15	11/20/15	11/23/15	CE	Y
BK26742	Polychlorinated Biphenyls	11/20/15	11/20/15	11/24/15	AW	Y
BK26742	Potassium	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Selenium	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Semivolatiles	11/20/15	11/20/15	11/21/15	DD	Y
BK26742	Silver	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Sodium	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Thallium	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Total Cyanide (SW9010C Distill.)	11/20/15	11/23/15	11/23/15	O/B/E	Y
BK26742	Vanadium	11/20/15	11/20/15	11/24/15	LK	Y
BK26742	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26742	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26742	Zinc	11/20/15	11/20/15	11/24/15	EK	Y
BK26743	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26743	Aluminum	11/20/15	11/20/15	11/23/15	LK	Y
BK26743	Antimony	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Arsenic	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Barium	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Beryllium	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Cadmium	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Calcium	11/20/15	11/20/15	11/23/15	LK	Y
BK26743	Chromium	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Cobalt	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Copper	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Iron	11/20/15	11/20/15	11/23/15	LK	Y



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BK26743	Lead	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Magnesium	11/20/15	11/20/15	11/23/15	LK	Y
BK26743	Manganese	11/20/15	11/20/15	11/23/15	LK	Y
BK26743	Mercury	11/20/15	11/21/15	11/23/15	RS	Y
BK26743	Nickel	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Pesticides - Soil	11/20/15	11/20/15	11/21/15	CE	Y
BK26743	Polychlorinated Biphenyls	11/20/15	11/20/15	11/21/15	AW	Y
BK26743	Potassium	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Selenium	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Semivolatiles	11/20/15	11/20/15	11/21/15	DD	Y
BK26743	Silver	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Sodium	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Thallium	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Total Cyanide (SW9010C Distill.)	11/20/15	11/23/15	11/23/15	O/B/E	Y
BK26743	Vanadium	11/20/15	11/20/15	11/24/15	LK	Y
BK26743	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26743	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26743	Zinc	11/20/15	11/20/15	11/24/15	EK	Y
BK26744	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26744	Semivolatiles	11/20/15	11/20/15	11/23/15	DD	Y
BK26744	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26744	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26746	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26746	Aluminum	11/20/15	11/20/15	11/23/15	LK	Y
BK26746	Antimony	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Arsenic	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Barium	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Beryllium	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Cadmium	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Calcium	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Chromium	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Cobalt	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Copper	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Iron	11/20/15	11/20/15	11/23/15	LK	Y
BK26746	Lead	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Magnesium	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Manganese	11/20/15	11/20/15	11/23/15	LK	Y



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BK26746	Mercury	11/20/15	11/21/15	11/23/15	RS	Y
BK26746	Nickel	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Pesticides - Soil	11/20/15	11/20/15	11/21/15	CE	Y
BK26746	Polychlorinated Biphenyls	11/20/15	11/20/15	11/21/15	AW	Y
BK26746	Potassium	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Selenium	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Semivolatiles	11/20/15	11/20/15	11/23/15	DD	Y
BK26746	Silver	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Sodium	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Thallium	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Total Cyanide (SW9010C Distill.)	11/20/15	11/23/15	11/23/15	O/B/E	Y
BK26746	Vanadium	11/20/15	11/20/15	11/24/15	LK	Y
BK26746	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26746	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26746	Zinc	11/20/15	11/20/15	11/25/15	EK	Y
BK26747	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26747	Semivolatiles	11/20/15	11/20/15	11/21/15	DD	Y
BK26747	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26747	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26748	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26748	Aluminum	11/20/15	11/20/15	11/23/15	LK	Y
BK26748	Antimony	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Arsenic	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Barium	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Beryllium	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Cadmium	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Calcium	11/20/15	11/20/15	11/23/15	LK	Y
BK26748	Chromium	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Cobalt	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Copper	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Iron	11/20/15	11/20/15	11/23/15	LK	Y
BK26748	Lead	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Magnesium	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Manganese	11/20/15	11/20/15	11/23/15	LK	Y
BK26748	Mercury	11/20/15	11/21/15	11/23/15	RS	Y
BK26748	Nickel	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Pesticides - Soil	11/20/15	11/20/15	11/21/15	CE	Y



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BK26748	Polychlorinated Biphenyls	11/20/15	11/20/15	11/21/15	AW	Y
BK26748	Potassium	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Selenium	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Semivolatiles	11/20/15	11/20/15	11/23/15	DD	Y
BK26748	Silver	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Sodium	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Thallium	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Total Cyanide (SW9010C Distill.)	11/20/15	11/23/15	11/23/15	O/B/E	Y
BK26748	Vanadium	11/20/15	11/20/15	11/24/15	LK	Y
BK26748	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26748	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26748	Zinc	11/20/15	11/20/15	11/24/15	EK	Y
BK26749	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26749	Aluminum	11/20/15	11/20/15	11/23/15	LK	Y
BK26749	Antimony	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Arsenic	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Barium	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Beryllium	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Cadmium	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Calcium	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Chromium	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Cobalt	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Copper	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Iron	11/20/15	11/20/15	11/23/15	LK	Y
BK26749	Lead	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Magnesium	11/20/15	11/20/15	11/23/15	LK	Y
BK26749	Manganese	11/20/15	11/20/15	11/23/15	LK	Y
BK26749	Mercury	11/20/15	11/21/15	11/23/15	RS	Y
BK26749	Nickel	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Pesticides - Soil	11/20/15	11/20/15	11/21/15	CE	Y
BK26749	Polychlorinated Biphenyls	11/20/15	11/20/15	11/21/15	AW	Y
BK26749	Potassium	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Selenium	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Semivolatiles	11/20/15	11/20/15	11/23/15	DD	Y
BK26749	Silver	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Sodium	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Thallium	11/20/15	11/20/15	11/24/15	LK	Y



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BK26749	Total Cyanide (SW9010C Distill.)	11/20/15	11/23/15	11/23/15	O/B/E	Y
BK26749	Vanadium	11/20/15	11/20/15	11/24/15	LK	Y
BK26749	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26749	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26749	Zinc	11/20/15	11/20/15	11/24/15	EK	Y
BK26750	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26750	Aluminum	11/20/15	11/20/15	11/23/15	LK	Y
BK26750	Antimony	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Arsenic	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Barium	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Beryllium	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Cadmium	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Calcium	11/20/15	11/20/15	11/23/15	LK	Y
BK26750	Chromium	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Cobalt	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Copper	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Iron	11/20/15	11/20/15	11/23/15	LK	Y
BK26750	Lead	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Magnesium	11/20/15	11/20/15	11/23/15	LK	Y
BK26750	Manganese	11/20/15	11/20/15	11/23/15	LK	Y
BK26750	Mercury	11/20/15	11/21/15	11/23/15	RS	Y
BK26750	Nickel	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Pesticides - Soil	11/20/15	11/20/15	11/21/15	CE	Y
BK26750	Polychlorinated Biphenyls	11/20/15	11/20/15	11/21/15	AW	Y
BK26750	Potassium	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Selenium	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Semivolatiles	11/20/15	11/20/15	11/21/15	DD	Y
BK26750	Silver	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Sodium	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Thallium	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Total Cyanide (SW9010C Distill.)	11/20/15	11/23/15	11/23/15	O/B/E	Y
BK26750	Vanadium	11/20/15	11/20/15	11/24/15	LK	Y
BK26750	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26750	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26750	Zinc	11/20/15	11/20/15	11/24/15	EK	Y
BK26751	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26751	Aluminum	11/20/15	11/20/15	11/23/15	LK	Y



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BK26751	Antimony	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Arsenic	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Barium	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Beryllium	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Cadmium	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Calcium	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Chromium	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Cobalt	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Copper	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Iron	11/20/15	11/20/15	11/23/15	LK	Y
BK26751	Lead	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Magnesium	11/20/15	11/20/15	11/23/15	LK	Y
BK26751	Manganese	11/20/15	11/20/15	11/23/15	LK	Y
BK26751	Mercury	11/20/15	11/21/15	11/23/15	RS	Y
BK26751	Nickel	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Pesticides - Soil	11/20/15	11/20/15	11/21/15	CE	Y
BK26751	Polychlorinated Biphenyls	11/20/15	11/20/15	11/21/15	AW	Y
BK26751	Potassium	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Selenium	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Semivolatiles	11/20/15	11/20/15	11/21/15	DD	Y
BK26751	Silver	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Sodium	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Thallium	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Total Cyanide (SW9010C Distill.)	11/20/15	11/23/15	11/23/15	O/B/E	Y
BK26751	Vanadium	11/20/15	11/20/15	11/24/15	LK	Y
BK26751	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26751	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26751	Zinc	11/20/15	11/20/15	11/24/15	EK	Y
BK26752	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26752	Semivolatiles	11/20/15	11/20/15	11/23/15	DD	Y
BK26752	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26752	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26753	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26753	Semivolatiles	11/20/15	11/20/15	11/23/15	DD	Y
BK26753	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26753	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26754	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y



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BK26754	Aluminum	11/20/15	11/20/15	11/23/15	LK	Y
BK26754	Antimony	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Arsenic	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Barium	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Beryllium	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Cadmium	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Calcium	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Chromium	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Cobalt	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Copper	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Iron	11/20/15	11/20/15	11/23/15	LK	Y
BK26754	Lead	11/20/15	11/20/15	11/23/15	LK	Y
BK26754	Magnesium	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Manganese	11/20/15	11/20/15	11/23/15	LK	Y
BK26754	Mercury	11/20/15	11/21/15	11/23/15	RS	Y
BK26754	Nickel	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Pesticides - Soil	11/20/15	11/20/15	11/23/15	CE	Y
BK26754	Polychlorinated Biphenyls	11/20/15	11/20/15	11/23/15	AW	Y
BK26754	Potassium	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Selenium	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Semivolatiles	11/20/15	11/20/15	11/23/15	DD	Y
BK26754	Silver	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Sodium	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Thallium	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Total Cyanide (SW9010C Distill.)	11/20/15	11/23/15	11/23/15	O/B/E	Y
BK26754	Vanadium	11/20/15	11/20/15	11/24/15	LK	Y
BK26754	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26754	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26754	Zinc	11/20/15	11/20/15	11/24/15	EK	Y
BK26755	1,4-dioxane	11/20/15	11/21/15	11/21/15	JLI	Y
BK26755	Aluminum	11/20/15	11/20/15	11/23/15	LK	Y
BK26755	Antimony	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Arsenic	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Barium	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Beryllium	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Cadmium	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Calcium	11/20/15	11/20/15	11/24/15	LK	Y



Environmental Laboratories, Inc.
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NY Analytical Services Protocol Format

December 16, 2015

SDG I.D.: GBK26739

Environmental Business Consultants 2401 3RD AVE BRONX NY

BK26755	Chromium	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Cobalt	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Copper	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Iron	11/20/15	11/20/15	11/23/15	LK	Y
BK26755	Lead	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Magnesium	11/20/15	11/20/15	11/23/15	LK	Y
BK26755	Manganese	11/20/15	11/20/15	11/23/15	LK	Y
BK26755	Mercury	11/20/15	11/21/15	11/23/15	RS	Y
BK26755	Nickel	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Pesticides - Soil	11/20/15	11/20/15	11/21/15	CE	Y
BK26755	Polychlorinated Biphenyls	11/20/15	11/20/15	11/21/15	AW	Y
BK26755	Potassium	11/20/15	11/20/15	11/23/15	LK	Y
BK26755	Selenium	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Semivolatiles	11/20/15	11/20/15	11/21/15	DD	Y
BK26755	Silver	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Sodium	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Thallium	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Total Cyanide (SW9010C Distill.)	11/20/15	11/23/15	11/23/15	O/B/E	Y
BK26755	Vanadium	11/20/15	11/20/15	11/24/15	LK	Y
BK26755	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26755	Volatiles	11/20/15	11/21/15	11/21/15	JLI	Y
BK26755	Zinc	11/20/15	11/20/15	11/24/15	EK	Y



Environmental Laboratories, Inc.
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SDG Comments

December 16, 2015

SDG I.D.: GBK26739

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

Version 1: Analysis results minus QC and forms.

Version 2: BK26754 (15 B23 2-4) 8270 Semi-volatile analysis was misreported in version 1 because the final volume of the concentrated extract was recorded as 1ml instead of 5ml. The data has been re-calculated and the correct results are provided in Version 2.

Version 3: Complete report with QC and forms.



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

Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
 11/20/15

Time

17:47

Laboratory Data

SDG ID: GBK26739
 Phoenix ID: BK26739

Project ID: 2401 3RD AVE BRONX NY
 Client ID: 15 B6 3-5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	1	11/23/15	LK	SW6010C
Aluminum	4000	36	7.2	mg/Kg	10	11/23/15	LK	SW6010C
Arsenic	11.9	0.7	0.72	mg/Kg	1	11/23/15	LK	SW6010C
Barium	53.3	0.7	0.36	mg/Kg	1	11/23/15	LK	SW6010C
Beryllium	0.18	B 0.29	0.14	mg/Kg	1	11/23/15	LK	SW6010C
Calcium	4700	3.6	3.3	mg/Kg	1	11/23/15	LK	SW6010C
Cadmium	3.03	0.36	0.14	mg/Kg	1	11/23/15	LK	SW6010C
Cobalt	48.7	0.36	0.36	mg/Kg	1	11/23/15	LK	SW6010C
Chromium	28.2	0.36	0.36	mg/Kg	1	11/23/15	LK	SW6010C
Copper	64.6	* 0.36	0.36	mg/kg	1	11/23/15	LK	SW6010C
Iron	139000	360	360	mg/Kg	100	11/23/15	LK	SW6010C
Mercury	0.05	* 0.03	0.02	mg/Kg	1	11/23/15	RS	SW7471B
Potassium	334	7	2.8	mg/Kg	1	11/23/15	LK	SW6010C
Magnesium	518	N 3.6	3.6	mg/Kg	1	11/23/15	LK	SW6010C
Manganese	1660	36	36	mg/Kg	100	11/23/15	LK	SW6010C
Sodium	149	N 7	3.1	mg/Kg	1	11/23/15	LK	SW6010C
Nickel	49.6	0.36	0.36	mg/Kg	1	11/23/15	LK	SW6010C
Lead	42.2	0.7	0.36	mg/Kg	1	11/23/15	LK	SW6010C
Antimony	< 1.8	1.8	1.8	mg/Kg	1	11/23/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	11/23/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	11/23/15	LK	SW6010C
Vanadium	71.6	0.4	0.36	mg/Kg	1	11/23/15	LK	SW6010C
Zinc	< 7.2	7.2	3.6	mg/Kg	10	11/25/15	EK	SW6010C
Percent Solid	87			%		11/21/15	lk	SW846-%Solid
Total Cyanide (SW9010C Distill.)	0.667	0.57	0.29	mg/Kg	1	11/23/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/20/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/20/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/21/15	W/W	SW7471B
Total Metals Digest	Completed					11/20/15	G/AG/T	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1221	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1232	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1242	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1248	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1254	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1260	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1262	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1268	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A

QA/QC Surrogates

% DCBP	92			%	2	11/21/15	AW	30 - 150 %
% TCMX	76			%	2	11/21/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	11/21/15	CE	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	11/21/15	CE	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	11/21/15	CE	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Chlordane	ND	38	38	ug/Kg	2	11/21/15	CE	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/21/15	CE	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	11/21/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/21/15	CE	SW8081B

QA/QC Surrogates

% DCBP	75			%	2	11/21/15	CE	30 - 150 %
% TCMX	58			%	2	11/21/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
2-Chlorotoluene	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
2-Hexanone	ND	26	5.3	ug/Kg	1	11/22/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
4-Chlorotoluene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	5.3	ug/Kg	1	11/22/15	JLI	SW8260C
Acetone	22	JS 50	5.3	ug/Kg	1	11/22/15	JLI	SW8260C
Acrylonitrile	ND	11	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Benzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Bromobenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Bromochloromethane	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Bromodichloromethane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Bromoform	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Bromomethane	ND	5.3	2.1	ug/Kg	1	11/22/15	JLI	SW8260C
Carbon Disulfide	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Carbon tetrachloride	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Chlorobenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Chloroethane	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Chloroform	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Chloromethane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Dibromochloromethane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Dibromomethane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Ethylbenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Isopropylbenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
m&p-Xylene	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	5.3	ug/Kg	1	11/22/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Methylene chloride	ND	5.3	5.3	ug/Kg	1	11/22/15	JLI	SW8260C
Naphthalene	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
n-Propylbenzene	ND	5.3	0.95	ug/Kg	1	11/22/15	JLI	SW8260C
o-Xylene	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
sec-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Styrene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
tert-Butylbenzene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Tetrachloroethene	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	2.6	ug/Kg	1	11/22/15	JLI	SW8260C
Toluene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	2.6	ug/Kg	1	11/22/15	JLI	SW8260C
Trichloroethene	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.3	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Vinyl chloride	ND	5.3	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	11/22/15	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	11/22/15	JLI	70 - 130 %
% Dibromofluoromethane	95			%	1	11/22/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/22/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	42	ug/kg	1	11/22/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	97			%	1	11/22/15	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	11/22/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/22/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	21	1.1	ug/Kg	1	11/22/15	JLI	SW8260C
Acrolein	ND	21	2.6	ug/Kg	1	11/22/15	JLI	SW8260C
Acrylonitrile	ND	21	0.53	ug/Kg	1	11/22/15	JLI	SW8260C
Tert-butyl alcohol	ND	110	21	ug/Kg	1	11/22/15	JLI	SW8260C
Volatile Library Search Top 10						Completed	11/23/15	JLI
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	1	11/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	270	130	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	270	94	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	760	270	ug/Kg	1	11/21/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	11/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylnaphthalene	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitroaniline	ND	760	380	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitrophenol	ND	270	240	ug/Kg	1	11/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	1	11/21/15	DD	SW8270D
3-Nitroaniline	ND	760	760	ug/Kg	1	11/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	1	11/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloroaniline	ND	300	180	ug/Kg	1	11/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitroaniline	ND	760	130	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitrophenol	ND	380	170	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthylene	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/21/15	DD	SW8270D
Anthracene	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	11/21/15	DD	SW8270D
Benzidine	ND	760	220	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(a)pyrene	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	11/21/15	DD	SW8270D
Benzoic acid	ND	1900	760	ug/Kg	1	11/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	270	98	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	270	100	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
Carbazole	ND	1900	290	ug/Kg	1	11/21/15	DD	SW8270D
Chrysene	ND	270	130	ug/Kg	1	11/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-octylphthalate	ND	270	98	ug/Kg	1	11/21/15	DD	SW8270D
Fluoranthene	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Fluorene	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobenzene	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Hexachloroethane	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	11/21/15	DD	SW8270D
Isophorone	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
Nitrobenzene	ND	270	130	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	11/21/15	DD	SW8270D
Pentachlorophenol	ND	270	140	ug/Kg	1	11/21/15	DD	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	11/21/15	DD	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/21/15	DD	SW8270D
Pyrene	ND	270	130	ug/Kg	1	11/21/15	DD	SW8270D
Pyridine	ND	270	93	ug/Kg	1	11/21/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	63			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	59			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorophenol	49			%	1	11/21/15	DD	30 - 130 %
% Nitrobenzene-d5	51			%	1	11/21/15	DD	30 - 130 %
% Phenol-d5	56			%	1	11/21/15	DD	30 - 130 %
% Terphenyl-d14	50			%	1	11/21/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/23/15	DD	1

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:

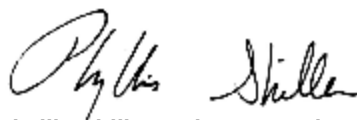
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date Time

11/20/15
11/20/15 17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26740

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B6 10-12

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.51	0.51	0.51	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	15500	51	10	mg/Kg	10	11/23/15	LK	SW6010C
Arsenic	7.8	1.0	1.0	mg/Kg	1	11/24/15	LK	SW6010C
Barium	39.2	1.0	0.51	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.96	0.41	0.20	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	2070	5.1	4.7	mg/Kg	1	11/24/15	LK	SW6010C
Cadmium	0.66	0.51	0.20	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	12.4	0.51	0.51	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	32.8	0.51	0.51	mg/Kg	1	11/24/15	LK	SW6010C
Copper	17.1	* 0.51	0.51	mg/kg	1	11/24/15	LK	SW6010C
Iron	31100	51	51	mg/Kg	10	11/23/15	LK	SW6010C
Mercury	< 0.04	* 0.04	0.03	mg/Kg	1	11/23/15	RS	SW7471B
Potassium	4220	10	4.0	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	7430	N 5.1	5.1	mg/Kg	1	11/24/15	LK	SW6010C
Manganese	459	5.1	5.1	mg/Kg	10	11/23/15	LK	SW6010C
Sodium	587	N 10	4.4	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	25.5	0.51	0.51	mg/Kg	1	11/24/15	LK	SW6010C
Lead	11.7	1.0	0.51	mg/Kg	1	11/24/15	LK	SW6010C
Antimony	< 2.6	2.6	2.6	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 2.0	2.0	1.7	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 2.0	2.0	2.0	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	44.6	0.5	0.51	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	67.6	1.0	0.51	mg/Kg	1	11/24/15	EK	SW6010C
Percent Solid	62			%		11/21/15	lk	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.73	0.73	0.37	mg/Kg	1	11/23/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/20/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/20/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/21/15	W/W	SW7471B
Total Metals Digest	Completed					11/20/15	G/AG/T	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	53	53	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1221	ND	53	53	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1232	ND	53	53	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1242	ND	53	53	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1248	ND	53	53	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1254	ND	53	53	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1260	ND	53	53	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1262	ND	53	53	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1268	ND	53	53	ug/Kg	2	11/21/15	AW	SW8082A

QA/QC Surrogates

% DCBP	89			%	2	11/21/15	AW	30 - 150 %
% TCMX	78			%	2	11/21/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	3.2	3.2	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDE	ND	3.2	3.2	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDT	ND	3.2	3.2	ug/Kg	2	11/21/15	CE	SW8081B
a-BHC	ND	11	11	ug/Kg	2	11/21/15	CE	SW8081B
a-Chlordane	ND	5.3	5.3	ug/Kg	2	11/21/15	CE	SW8081B
Aldrin	ND	2.6	2.6	ug/Kg	2	11/21/15	CE	SW8081B
b-BHC	ND	11	11	ug/Kg	2	11/21/15	CE	SW8081B
Chlordane	ND	53	53	ug/Kg	2	11/21/15	CE	SW8081B
d-BHC	ND	11	11	ug/Kg	2	11/21/15	CE	SW8081B
Dieldrin	ND	2.6	2.6	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan I	ND	11	11	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan II	ND	11	11	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan sulfate	ND	11	11	ug/Kg	2	11/21/15	CE	SW8081B
Endrin	ND	11	11	ug/Kg	2	11/21/15	CE	SW8081B
Endrin aldehyde	ND	11	11	ug/Kg	2	11/21/15	CE	SW8081B
Endrin ketone	ND	11	11	ug/Kg	2	11/21/15	CE	SW8081B
g-BHC	ND	2.1	2.1	ug/Kg	2	11/21/15	CE	SW8081B
g-Chlordane	ND	5.3	5.3	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor	ND	11	11	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor epoxide	ND	11	11	ug/Kg	2	11/21/15	CE	SW8081B
Methoxychlor	ND	53	53	ug/Kg	2	11/21/15	CE	SW8081B
Toxaphene	ND	210	210	ug/Kg	2	11/21/15	CE	SW8081B

QA/QC Surrogates

% DCBP	79			%	2	11/21/15	CE	30 - 150 %
% TCMX	67			%	2	11/21/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	44	8.9	ug/Kg	1	11/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
4-Chlorotoluene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	44	8.9	ug/Kg	1	11/21/15	JLI	SW8260C
Acetone	39	JS 50	8.9	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	18	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Benzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Bromobenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Bromochloromethane	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Bromodichloromethane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Bromoform	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Bromomethane	ND	8.9	3.5	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon Disulfide	8.3	J 8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon tetrachloride	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Chlorobenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroethane	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroform	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Chloromethane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromochloromethane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromomethane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Ethylbenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Isopropylbenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
m&p-Xylene	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	53	8.9	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	18	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Methylene chloride	ND	8.9	8.9	ug/Kg	1	11/21/15	JLI	SW8260C
Naphthalene	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
n-Propylbenzene	ND	8.9	1.6	ug/Kg	1	11/21/15	JLI	SW8260C
o-Xylene	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
sec-Butylbenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Styrene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
tert-Butylbenzene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrachloroethene	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	18	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
Toluene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	18	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
Trichloroethene	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	8.9	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Vinyl chloride	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	71	ug/kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	96			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	35	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	35	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	35	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	180	35	ug/Kg	1	11/21/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/23/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	370	190	ug/Kg	1	11/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	370	160	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	370	160	ug/Kg	1	11/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	370	160	ug/Kg	1	11/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	370	290	ug/Kg	1	11/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	370	190	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	370	130	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	1100	370	ug/Kg	1	11/21/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	370	210	ug/Kg	1	11/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
2-Chloronaphthalene	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
2-Chlorophenol	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylnaphthalene	ND	370	160	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	250	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitroaniline	ND	1100	530	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitrophenol	ND	370	340	ug/Kg	1	11/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	370	210	ug/Kg	1	11/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	1100	250	ug/Kg	1	11/21/15	DD	SW8270D
3-Nitroaniline	ND	1100	1100	ug/Kg	1	11/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2600	570	ug/Kg	1	11/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	370	160	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	370	190	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloroaniline	ND	420	250	ug/Kg	1	11/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	370	180	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitroaniline	ND	1100	180	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitrophenol	ND	530	240	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthene	ND	370	160	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthylene	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
Acetophenone	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
Aniline	ND	420	420	ug/Kg	1	11/21/15	DD	SW8270D
Anthracene	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
Benz(a)anthracene	ND	370	180	ug/Kg	1	11/21/15	DD	SW8270D
Benzidine	ND	1100	310	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(a)pyrene	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	370	180	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(ghi)perylene	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	370	180	ug/Kg	1	11/21/15	DD	SW8270D
Benzoic acid	ND	2600	1100	ug/Kg	1	11/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	370	140	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	370	140	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
Carbazole	ND	2600	400	ug/Kg	1	11/21/15	DD	SW8270D
Chrysene	ND	370	180	ug/Kg	1	11/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	170	ug/Kg	1	11/21/15	DD	SW8270D
Dibenzofuran	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
Diethyl phthalate	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
Dimethylphthalate	ND	370	160	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-butylphthalate	ND	370	140	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-octylphthalate	ND	370	140	ug/Kg	1	11/21/15	DD	SW8270D
Fluoranthene	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
Fluorene	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobenzene	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobutadiene	ND	370	190	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	370	160	ug/Kg	1	11/21/15	DD	SW8270D
Hexachloroethane	ND	370	160	ug/Kg	1	11/21/15	DD	SW8270D

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	370	180	ug/Kg	1	11/21/15	DD	SW8270D
Isophorone	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
Naphthalene	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
Nitrobenzene	ND	370	190	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	370	200	ug/Kg	1	11/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	370	200	ug/Kg	1	11/21/15	DD	SW8270D
Pentachlorophenol	ND	370	200	ug/Kg	1	11/21/15	DD	SW8270D
Phenanthrene	ND	370	150	ug/Kg	1	11/21/15	DD	SW8270D
Phenol	ND	330	170	ug/Kg	1	11/21/15	DD	SW8270D
Pyrene	ND	370	180	ug/Kg	1	11/21/15	DD	SW8270D
Pyridine	ND	370	130	ug/Kg	1	11/21/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	69			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	57			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorophenol	58			%	1	11/21/15	DD	30 - 130 %
% Nitrobenzene-d5	59			%	1	11/21/15	DD	30 - 130 %
% Phenol-d5	70			%	1	11/21/15	DD	30 - 130 %
% Terphenyl-d14	72			%	1	11/21/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/23/15	DD	1

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:

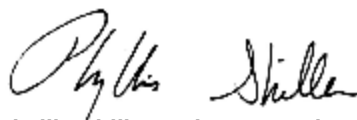
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/20/15 17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26741

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B7 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	80			%		11/21/15	lk	SW846-%Solid
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A
Field Extraction	Completed					11/20/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	23	4.7	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	1
4-Chlorotoluene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	23	4.7	ug/Kg	1	11/21/15	JLI	SW8260C	
Acetone	11 JS	47	4.7	ug/Kg	1	11/21/15	JLI	SW8260C	
Acrylonitrile	ND	9.4	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
Benzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromobenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromochloromethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromodichloromethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromoform	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromomethane	ND	4.7	1.9	ug/Kg	1	11/21/15	JLI	SW8260C	
Carbon Disulfide	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
Carbon tetrachloride	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
Chlorobenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloroethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloroform	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloromethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Dibromochloromethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
Dibromomethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Ethylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Hexachlorobutadiene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Isopropylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
m&p-Xylene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	28	4.7	ug/Kg	1	11/21/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.4	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
Methylene chloride	ND	4.7	4.7	ug/Kg	1	11/21/15	JLI	SW8260C	
Naphthalene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
n-Butylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
n-Propylbenzene	ND	4.7	0.84	ug/Kg	1	11/21/15	JLI	SW8260C	
o-Xylene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
p-Isopropyltoluene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
sec-Butylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Styrene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
tert-Butylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Tetrachloroethene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9.4	2.3	ug/Kg	1	11/21/15	JLI	SW8260C	1
Toluene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9.4	2.3	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichloroethene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichlorofluoromethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
Vinyl chloride	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	11/21/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/21/15	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	94	38	ug/kg	1	11/21/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	101			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/21/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	19	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	19	2.3	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	19	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	94	19	ug/Kg	1	11/21/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 11/23/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	220	ug/Kg	1	11/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	810	290	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dinitrotoluene	ND	290	160	ug/Kg	1	11/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
2-Chloronaphthalene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
2-Chlorophenol	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylnaphthalene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	290	190	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitroaniline	ND	810	410	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitrophenol	ND	290	260	ug/Kg	1	11/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	11/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	810	190	ug/Kg	1	11/21/15	DD	SW8270D
3-Nitroaniline	ND	810	810	ug/Kg	1	11/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2000	440	ug/Kg	1	11/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloroaniline	ND	330	190	ug/Kg	1	11/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitroaniline	ND	810	140	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitrophenol	ND	410	180	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Acetophenone	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Aniline	ND	330	330	ug/Kg	1	11/21/15	DD	SW8270D
Anthracene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Benz(a)anthracene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzydine	ND	810	240	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(a)pyrene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzoic acid	ND	2000	810	ug/Kg	1	11/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Carbazole	ND	2000	310	ug/Kg	1	11/21/15	DD	SW8270D
Chrysene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Dibenzofuran	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Diethyl phthalate	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Dimethylphthalate	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-butylphthalate	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-octylphthalate	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Fluoranthene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Fluorene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobutadiene	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Hexachloroethane	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Isophorone	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Nitrobenzene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	1	11/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
Pentachlorophenol	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
Phenanthrene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Pyridine	ND	290	100	ug/Kg	1	11/21/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	72			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorophenol	54			%	1	11/21/15	DD	30 - 130 %
% Nitrobenzene-d5	56			%	1	11/21/15	DD	30 - 130 %
% Phenol-d5	66			%	1	11/21/15	DD	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	58			%	1	11/21/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/23/15	DD	1

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.

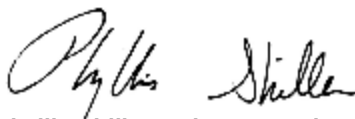
Comments:

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/20/15 17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26742

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B9 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	5910	35	7.0	mg/Kg	10	11/23/15	LK	SW6010C
Arsenic	9.8	0.7	0.70	mg/Kg	1	11/24/15	LK	SW6010C
Barium	44.7	0.7	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.25	B 0.28	0.14	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	4510	3.5	3.2	mg/Kg	1	11/24/15	LK	SW6010C
Cadmium	2.98	0.35	0.14	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	47.7	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	25.7	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Copper	28.0	* 0.35	0.35	mg/kg	1	11/24/15	LK	SW6010C
Iron	148000	350	350	mg/Kg	100	11/23/15	LK	SW6010C
Mercury	0.14	* 0.03	0.02	mg/Kg	1	11/23/15	RS	SW7471B
Potassium	613	7	2.7	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	2150	N 3.5	3.5	mg/Kg	1	11/24/15	LK	SW6010C
Manganese	1150	3.5	3.5	mg/Kg	10	11/23/15	LK	SW6010C
Sodium	214	N 7	3.0	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	45.9	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Lead	24.5	0.7	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Antimony	< 1.7	1.7	1.7	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	80.8	0.3	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	4.6	0.7	0.35	mg/Kg	1	11/24/15	EK	SW6010C
Percent Solid	93			%		11/21/15	lk	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.54	0.54	0.27	mg/Kg	1	11/23/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/20/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/20/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/21/15	W/W	SW7471B
Total Metals Digest	Completed					11/20/15	G/AG/T	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	35	35	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1221	ND	35	35	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1232	ND	35	35	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1242	ND	35	35	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1248	ND	35	35	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1254	ND	35	35	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1260	ND	35	35	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1262	ND	35	35	ug/Kg	2	11/24/15	AW	SW8082A
PCB-1268	ND	35	35	ug/Kg	2	11/24/15	AW	SW8082A

QA/QC Surrogates

% DCBP	80			%	2	11/24/15	AW	30 - 150 %
% TCMX	74			%	2	11/24/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.1	2.1	ug/Kg	2	11/23/15	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	11/23/15	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	11/23/15	CE	SW8081B
a-BHC	ND	7.0	7.0	ug/Kg	2	11/23/15	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	11/23/15	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	11/23/15	CE	SW8081B
b-BHC	ND	7.0	7.0	ug/Kg	2	11/23/15	CE	SW8081B
Chlordane	ND	35	35	ug/Kg	2	11/23/15	CE	SW8081B
d-BHC	ND	7.0	7.0	ug/Kg	2	11/23/15	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	11/23/15	CE	SW8081B
Endosulfan I	ND	7.0	7.0	ug/Kg	2	11/23/15	CE	SW8081B
Endosulfan II	ND	7.0	7.0	ug/Kg	2	11/23/15	CE	SW8081B
Endosulfan sulfate	ND	7.0	7.0	ug/Kg	2	11/23/15	CE	SW8081B
Endrin	ND	7.0	7.0	ug/Kg	2	11/23/15	CE	SW8081B
Endrin aldehyde	ND	7.0	7.0	ug/Kg	2	11/23/15	CE	SW8081B
Endrin ketone	ND	7.0	7.0	ug/Kg	2	11/23/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/23/15	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	11/23/15	CE	SW8081B
Heptachlor	ND	7.0	7.0	ug/Kg	2	11/23/15	CE	SW8081B
Heptachlor epoxide	ND	7.0	7.0	ug/Kg	2	11/23/15	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	11/23/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/23/15	CE	SW8081B

QA/QC Surrogates

% DCBP	62			%	2	11/23/15	CE	30 - 150 %
% TCMX	64			%	2	11/23/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	21	4.2	ug/Kg	1	11/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
4-Chlorotoluene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	21	4.2	ug/Kg	1	11/21/15	JLI	SW8260C
Acetone	5.0	JS 42	4.2	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	8.5	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Benzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Bromobenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Bromochloromethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Bromodichloromethane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Bromoform	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Bromomethane	ND	4.2	1.7	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon Disulfide	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon tetrachloride	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Chlorobenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroform	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Chloromethane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromochloromethane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromomethane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Ethylbenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Isopropylbenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
m&p-Xylene	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	25	4.2	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.5	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Methylene chloride	ND	4.2	4.2	ug/Kg	1	11/21/15	JLI	SW8260C
Naphthalene	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
n-Propylbenzene	ND	4.2	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
o-Xylene	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
sec-Butylbenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Styrene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
tert-Butylbenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrachloroethene	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.5	2.1	ug/Kg	1	11/21/15	JLI	SW8260C
Toluene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.5	2.1	ug/Kg	1	11/21/15	JLI	SW8260C
Trichloroethene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.2	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Vinyl chloride	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	104			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	85	34	ug/kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	94			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	17	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	17	2.1	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	17	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	85	17	ug/Kg	1	11/21/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/23/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	710	250	ug/Kg	1	11/21/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	11/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitroaniline	ND	710	360	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	710	170	ug/Kg	1	11/21/15	DD	SW8270D
3-Nitroaniline	ND	710	710	ug/Kg	1	11/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	1	11/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitroaniline	ND	710	120	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/21/15	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzidine	ND	710	210	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(a)pyrene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzoic acid	ND	1800	710	ug/Kg	1	11/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	250	92	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	250	96	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Carbazole	ND	1800	270	ug/Kg	1	11/21/15	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-butylphthalate	ND	250	95	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-octylphthalate	ND	250	92	ug/Kg	1	11/21/15	DD	SW8270D
Fluoranthene	130	J 250	120	ug/Kg	1	11/21/15	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobenzene	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Isophorone	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Nitrobenzene	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	1	11/21/15	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Pyridine	ND	250	88	ug/Kg	1	11/21/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	77			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	66			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorophenol	53			%	1	11/21/15	DD	30 - 130 %
% Nitrobenzene-d5	60			%	1	11/21/15	DD	30 - 130 %
% Phenol-d5	63			%	1	11/21/15	DD	30 - 130 %
% Terphenyl-d14	67			%	1	11/21/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/23/15	DD	1

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:

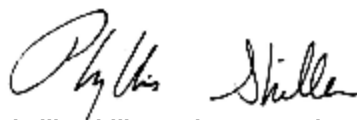
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/20/15

Time

17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26743

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B9 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.42	0.42	0.42	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	9780	42	8.3	mg/Kg	10	11/23/15	LK	SW6010C
Arsenic	4.4	0.8	0.83	mg/Kg	1	11/24/15	LK	SW6010C
Barium	38.1	0.8	0.42	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.57	0.33	0.17	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	15800	42	38	mg/Kg	10	11/23/15	LK	SW6010C
Cadmium	0.36	B 0.42	0.17	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	9.98	0.42	0.42	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	24.8	0.42	0.42	mg/Kg	1	11/24/15	LK	SW6010C
Copper	19.8	* 0.42	0.42	mg/kg	1	11/24/15	LK	SW6010C
Iron	20700	42	42	mg/Kg	10	11/23/15	LK	SW6010C
Mercury	< 0.03	* 0.03	0.02	mg/Kg	1	11/23/15	RS	SW7471B
Potassium	3170	8	3.2	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	11400	N 42	42	mg/Kg	10	11/23/15	LK	SW6010C
Manganese	357	4.2	4.2	mg/Kg	10	11/23/15	LK	SW6010C
Sodium	2730	N 8	3.6	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	19.7	0.42	0.42	mg/Kg	1	11/24/15	LK	SW6010C
Lead	32.7	0.8	0.42	mg/Kg	1	11/24/15	LK	SW6010C
Antimony	< 2.1	2.1	2.1	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.7	1.7	1.4	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.7	1.7	1.7	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	29.9	0.4	0.42	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	45.7	0.8	0.42	mg/Kg	1	11/24/15	EK	SW6010C
Percent Solid	79			%		11/21/15	lk	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.63	0.63	0.32	mg/Kg	1	11/23/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/20/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/20/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/21/15	W/W	SW7471B
Total Metals Digest	Completed					11/20/15	G/AG/T	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	42	42	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1221	ND	42	42	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1232	ND	42	42	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1242	ND	42	42	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1248	ND	42	42	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1254	ND	42	42	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1260	ND	42	42	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1262	ND	42	42	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1268	ND	42	42	ug/Kg	2	11/21/15	AW	SW8082A

QA/QC Surrogates

% DCBP	85			%	2	11/21/15	AW	30 - 150 %
% TCMX	75			%	2	11/21/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.5	2.5	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDE	ND	2.5	2.5	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDT	ND	2.5	2.5	ug/Kg	2	11/21/15	CE	SW8081B
a-BHC	ND	8.4	8.4	ug/Kg	2	11/21/15	CE	SW8081B
a-Chlordane	ND	4.2	4.2	ug/Kg	2	11/21/15	CE	SW8081B
Aldrin	ND	4.2	4.2	ug/Kg	2	11/21/15	CE	SW8081B
b-BHC	ND	8.4	8.4	ug/Kg	2	11/21/15	CE	SW8081B
Chlordane	ND	42	42	ug/Kg	2	11/21/15	CE	SW8081B
d-BHC	ND	8.4	8.4	ug/Kg	2	11/21/15	CE	SW8081B
Dieldrin	ND	4.2	4.2	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan I	ND	8.4	8.4	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan II	ND	8.4	8.4	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan sulfate	ND	8.4	8.4	ug/Kg	2	11/21/15	CE	SW8081B
Endrin	ND	8.4	8.4	ug/Kg	2	11/21/15	CE	SW8081B
Endrin aldehyde	ND	8.4	8.4	ug/Kg	2	11/21/15	CE	SW8081B
Endrin ketone	ND	8.4	8.4	ug/Kg	2	11/21/15	CE	SW8081B
g-BHC	ND	1.7	1.7	ug/Kg	2	11/21/15	CE	SW8081B
g-Chlordane	ND	4.2	4.2	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor	ND	8.4	8.4	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor epoxide	ND	8.4	8.4	ug/Kg	2	11/21/15	CE	SW8081B
Methoxychlor	ND	42	42	ug/Kg	2	11/21/15	CE	SW8081B
Toxaphene	ND	170	170	ug/Kg	2	11/21/15	CE	SW8081B

QA/QC Surrogates

% DCBP	70			%	2	11/21/15	CE	30 - 150 %
% TCMX	62			%	2	11/21/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	22	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
4-Chlorotoluene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	22	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
Acetone	6.2	JS 44	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Benzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Bromobenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Bromochloromethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Bromodichloromethane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Bromoform	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Bromomethane	ND	4.4	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon Disulfide	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon tetrachloride	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Chlorobenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroform	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Chloromethane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromochloromethane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromomethane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Ethylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Isopropylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
m&p-Xylene	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	27	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.9	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Methylene chloride	ND	4.4	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
Naphthalene	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
n-Propylbenzene	ND	4.4	0.80	ug/Kg	1	11/21/15	JLI	SW8260C
o-Xylene	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
sec-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Styrene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
tert-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrachloroethene	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.9	2.2	ug/Kg	1	11/21/15	JLI	SW8260C
Toluene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.9	2.2	ug/Kg	1	11/21/15	JLI	SW8260C
Trichloroethene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.4	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Vinyl chloride	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	89	35	ug/kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	96			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	18	0.89	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	18	2.2	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	18	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	89	18	ug/Kg	1	11/21/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/30/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	11/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	830	290	ug/Kg	1	11/21/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	290	160	ug/Kg	1	11/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
2-Chloronaphthalene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
2-Chlorophenol	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylnaphthalene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitroaniline	ND	830	420	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitrophenol	ND	290	260	ug/Kg	1	11/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	1	11/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	830	200	ug/Kg	1	11/21/15	DD	SW8270D
3-Nitroaniline	ND	830	830	ug/Kg	1	11/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2100	450	ug/Kg	1	11/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloroaniline	ND	330	190	ug/Kg	1	11/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitroaniline	ND	830	140	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitrophenol	ND	420	190	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthylene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Acetophenone	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Aniline	ND	330	330	ug/Kg	1	11/21/15	DD	SW8270D
Anthracene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benz(a)anthracene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzidine	ND	830	240	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(a)pyrene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(ghi)perylene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzoic acid	ND	2100	830	ug/Kg	1	11/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Carbazole	ND	2100	320	ug/Kg	1	11/21/15	DD	SW8270D
Chrysene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Dibenzofuran	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Diethyl phthalate	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Dimethylphthalate	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-butylphthalate	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-octylphthalate	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Fluoranthene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Fluorene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobutadiene	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Hexachloroethane	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Isophorone	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Nitrobenzene	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	1	11/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
Pentachlorophenol	ND	290	160	ug/Kg	1	11/21/15	DD	SW8270D
Phenanthrene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Pyridine	ND	290	100	ug/Kg	1	11/21/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	70			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorophenol	50			%	1	11/21/15	DD	30 - 130 %
% Nitrobenzene-d5	48			%	1	11/21/15	DD	30 - 130 %
% Phenol-d5	60			%	1	11/21/15	DD	30 - 130 %
% Terphenyl-d14	74			%	1	11/21/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/23/15	DD	1

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:

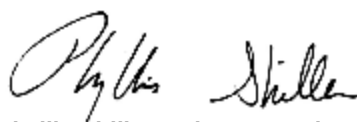
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/20/15 17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26744

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B8 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	68			%		11/21/15	lk	SW846-%Solid
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A
Field Extraction	Completed					11/20/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	38	7.6	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	1
4-Chlorotoluene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	38	7.6	ug/Kg	1	11/21/15	JLI	SW8260C	
Acetone	110	S 50	7.6	ug/Kg	1	11/21/15	JLI	SW8260C	
Acrylonitrile	ND	15	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Benzene	0.91	J 7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromobenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromochloromethane	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromodichloromethane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromoform	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromomethane	ND	7.6	3.1	ug/Kg	1	11/21/15	JLI	SW8260C	
Carbon Disulfide	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Carbon tetrachloride	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Chlorobenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloroethane	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloroform	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloromethane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Dibromochloromethane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Dibromomethane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Ethylbenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Hexachlorobutadiene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Isopropylbenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
m&p-Xylene	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Methyl Ethyl Ketone	33	J 46	7.6	ug/Kg	1	11/21/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	15	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Methylene chloride	ND	7.6	7.6	ug/Kg	1	11/21/15	JLI	SW8260C	
Naphthalene	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
n-Butylbenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
n-Propylbenzene	ND	7.6	1.4	ug/Kg	1	11/21/15	JLI	SW8260C	
o-Xylene	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
p-Isopropyltoluene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
sec-Butylbenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Styrene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
tert-Butylbenzene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Tetrachloroethene	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	15	3.8	ug/Kg	1	11/21/15	JLI	SW8260C	1
Toluene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	15	3.8	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichloroethene	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichlorofluoromethane	ND	7.6	1.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
Vinyl chloride	ND	7.6	0.76	ug/Kg	1	11/21/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	95			%	1	11/21/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	92			%	1	11/21/15	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	100	61	ug/kg	1	11/21/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	95			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	97			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	92			%	1	11/21/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	31	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	31	3.8	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	31	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	150	31	ug/Kg	1	11/21/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 11/23/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	340	170	ug/Kg	1	11/23/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	340	150	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Dichlorobenzene	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
1,3-Dichlorobenzene	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
1,4-Dichlorobenzene	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	340	270	ug/Kg	1	11/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	340	170	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	340	120	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dinitrophenol	ND	970	340	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dinitrotoluene	ND	340	190	ug/Kg	1	11/23/15	DD	SW8270D
2,6-Dinitrotoluene	ND	340	150	ug/Kg	1	11/23/15	DD	SW8270D
2-Chloronaphthalene	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
2-Chlorophenol	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylnaphthalene	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	230	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitroaniline	ND	970	490	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitrophenol	ND	340	310	ug/Kg	1	11/23/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	340	190	ug/Kg	1	11/23/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	970	230	ug/Kg	1	11/23/15	DD	SW8270D
3-Nitroaniline	ND	970	970	ug/Kg	1	11/23/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2400	520	ug/Kg	1	11/23/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	340	170	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloroaniline	ND	390	230	ug/Kg	1	11/23/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitroaniline	ND	970	160	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitrophenol	ND	490	220	ug/Kg	1	11/23/15	DD	SW8270D
Acenaphthene	ND	340	150	ug/Kg	1	11/23/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
Acetophenone	ND	340	150	ug/Kg	1	11/23/15	DD	SW8270D
Aniline	ND	390	390	ug/Kg	1	11/23/15	DD	SW8270D
Anthracene	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
Benz(a)anthracene	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
Benzidine	ND	970	290	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(a)pyrene	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(b)fluoranthene	ND	340	170	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(ghi)perylene	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(k)fluoranthene	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
Benzoic acid	ND	2400	970	ug/Kg	1	11/23/15	DD	SW8270D
Benzyl butyl phthalate	ND	340	130	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	340	130	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	340	130	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
Carbazole	ND	2400	370	ug/Kg	1	11/23/15	DD	SW8270D
Chrysene	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	160	ug/Kg	1	11/23/15	DD	SW8270D
Dibenzofuran	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
Diethyl phthalate	ND	340	150	ug/Kg	1	11/23/15	DD	SW8270D
Dimethylphthalate	ND	340	150	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-butylphthalate	ND	340	130	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-octylphthalate	ND	340	130	ug/Kg	1	11/23/15	DD	SW8270D
Fluoranthene	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
Fluorene	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobenzene	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobutadiene	ND	340	180	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	340	150	ug/Kg	1	11/23/15	DD	SW8270D
Hexachloroethane	ND	340	150	ug/Kg	1	11/23/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
Isophorone	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
Naphthalene	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
Nitrobenzene	ND	340	170	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodimethylamine	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	340	160	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	340	190	ug/Kg	1	11/23/15	DD	SW8270D
Pentachloronitrobenzene	ND	340	180	ug/Kg	1	11/23/15	DD	SW8270D
Pentachlorophenol	ND	340	180	ug/Kg	1	11/23/15	DD	SW8270D
Phenanthrene	ND	340	140	ug/Kg	1	11/23/15	DD	SW8270D
Phenol	ND	330	160	ug/Kg	1	11/23/15	DD	SW8270D
Pyrene	ND	340	170	ug/Kg	1	11/23/15	DD	SW8270D
Pyridine	ND	340	120	ug/Kg	1	11/23/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	67			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorobiphenyl	46			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorophenol	36			%	1	11/23/15	DD	30 - 130 %
% Nitrobenzene-d5	31			%	1	11/23/15	DD	30 - 130 %
% Phenol-d5	43			%	1	11/23/15	DD	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	51			%	1	11/23/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/23/15	DD	1

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.

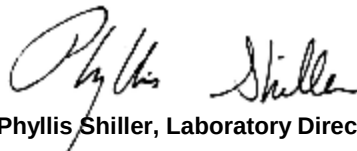
Comments:

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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

Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/20/15

Time

17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26746

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B10 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	3990	36	7.3	mg/Kg	10	11/23/15	LK	SW6010C
Arsenic	22.8	0.7	0.73	mg/Kg	1	11/24/15	LK	SW6010C
Barium	30.4	0.7	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.19	B 0.29	0.15	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	411	3.6	3.3	mg/Kg	1	11/24/15	LK	SW6010C
Cadmium	3.55	0.36	0.15	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	54.0	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	45.9	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Copper	40.6	* 0.36	0.36	mg/kg	1	11/24/15	LK	SW6010C
Iron	164000	360	360	mg/Kg	100	11/23/15	LK	SW6010C
Mercury	< 0.03	* 0.03	0.02	mg/Kg	1	11/23/15	RS	SW7471B
Potassium	537	7	2.8	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	774	N 3.6	3.6	mg/Kg	1	11/24/15	LK	SW6010C
Manganese	484	3.6	3.6	mg/Kg	10	11/23/15	LK	SW6010C
Sodium	1010	N 7	3.1	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	42.8	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Lead	10.3	0.7	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Antimony	< 1.8	1.8	1.8	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.5	1.5	1.2	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.5	1.5	1.5	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	127	0.4	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	< 7.3	7.3	3.6	mg/Kg	10	11/25/15	EK	SW6010C
Percent Solid	87			%		11/21/15	lk	SW846-%Solid
Total Cyanide (SW9010C Distill.)	1.45	0.57	0.29	mg/Kg	1	11/23/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/20/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/20/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/21/15	W/W	SW7471B
Total Metals Digest	Completed					11/20/15	G/AG/T	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1221	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1232	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1242	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1248	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1254	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1260	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1262	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1268	ND	38	38	ug/Kg	2	11/21/15	AW	SW8082A

QA/QC Surrogates

% DCBP	65			%	2	11/21/15	AW	30 - 150 %
% TCMX	57			%	2	11/21/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.3	2.3	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	11/21/15	CE	SW8081B
a-BHC	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
a-Chlordane	ND	3.8	3.8	ug/Kg	2	11/21/15	CE	SW8081B
Aldrin	ND	3.8	3.8	ug/Kg	2	11/21/15	CE	SW8081B
b-BHC	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Chlordane	ND	38	38	ug/Kg	2	11/21/15	CE	SW8081B
d-BHC	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Dieldrin	ND	3.8	3.8	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan I	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan II	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan sulfate	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Endrin	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Endrin aldehyde	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Endrin ketone	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/21/15	CE	SW8081B
g-Chlordane	ND	3.8	3.8	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor epoxide	ND	7.6	7.6	ug/Kg	2	11/21/15	CE	SW8081B
Methoxychlor	ND	38	38	ug/Kg	2	11/21/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/21/15	CE	SW8081B

QA/QC Surrogates

% DCBP	56			%	2	11/21/15	CE	30 - 150 %
% TCMX	48			%	2	11/21/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	24	4.7	ug/Kg	1	11/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
4-Chlorotoluene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	24	4.7	ug/Kg	1	11/21/15	JLI	SW8260C
Acetone	17	JS 47	4.7	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	9.4	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Benzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Bromobenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Bromochloromethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Bromodichloromethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Bromoform	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Bromomethane	ND	4.7	1.9	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon Disulfide	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon tetrachloride	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Chlorobenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroform	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Chloromethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromochloromethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromomethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Ethylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Isopropylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
m&p-Xylene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	28	4.7	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.4	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Methylene chloride	ND	4.7	4.7	ug/Kg	1	11/21/15	JLI	SW8260C
Naphthalene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
n-Propylbenzene	ND	4.7	0.85	ug/Kg	1	11/21/15	JLI	SW8260C
o-Xylene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
sec-Butylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Styrene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
tert-Butylbenzene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrachloroethene	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.4	2.4	ug/Kg	1	11/21/15	JLI	SW8260C
Toluene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.4	2.4	ug/Kg	1	11/21/15	JLI	SW8260C
Trichloroethene	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.7	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Vinyl chloride	ND	4.7	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	107			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	92			%	1	11/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	94	38	ug/kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	95			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	92			%	1	11/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	19	0.94	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	19	2.4	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	19	0.47	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	94	19	ug/Kg	1	11/21/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/23/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dinitrophenol	ND	750	260	ug/Kg	1	11/23/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	11/23/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitroaniline	ND	750	380	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	11/23/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/23/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	1	11/23/15	DD	SW8270D
3-Nitroaniline	ND	750	750	ug/Kg	1	11/23/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	1	11/23/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	11/23/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitroaniline	ND	750	120	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/23/15	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/23/15	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Benz(a)anthracene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
Benzidine	ND	750	220	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(a)pyrene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzoic acid	ND	1900	750	ug/Kg	1	11/23/15	DD	SW8270D
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Carbazole	ND	1900	280	ug/Kg	1	11/23/15	DD	SW8270D
Chrysene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-butylphthalate	ND	260	99	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-octylphthalate	ND	260	96	ug/Kg	1	11/23/15	DD	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Isophorone	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/23/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/23/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	11/23/15	DD	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Pyrene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
Pyridine	ND	260	92	ug/Kg	1	11/23/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	86			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorophenol	56			%	1	11/23/15	DD	30 - 130 %
% Nitrobenzene-d5	68			%	1	11/23/15	DD	30 - 130 %
% Phenol-d5	68			%	1	11/23/15	DD	30 - 130 %
% Terphenyl-d14	59			%	1	11/23/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	DD	1

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:

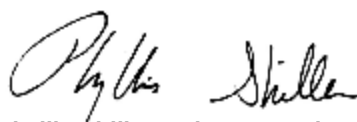
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/20/15 17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26747

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B17 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	77			%		11/21/15	lk	SW846-%Solid
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A
Field Extraction	Completed					11/20/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	29	5.8	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	1
4-Chlorotoluene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	29	5.8	ug/Kg	1	11/21/15	JLI	SW8260C	
Acetone	ND	50	5.8	ug/Kg	1	11/21/15	JLI	SW8260C	
Acrylonitrile	ND	12	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
Benzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromobenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromochloromethane	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromodichloromethane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromoform	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromomethane	ND	5.8	2.3	ug/Kg	1	11/21/15	JLI	SW8260C	
Carbon Disulfide	1.2	J 5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
Carbon tetrachloride	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
Chlorobenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloroethane	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloroform	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloromethane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Dibromochloromethane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
Dibromomethane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Ethylbenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Hexachlorobutadiene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Isopropylbenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
m&p-Xylene	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	35	5.8	ug/Kg	1	11/21/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
Methylene chloride	ND	5.8	5.8	ug/Kg	1	11/21/15	JLI	SW8260C	
Naphthalene	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
n-Butylbenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
n-Propylbenzene	ND	5.8	1.1	ug/Kg	1	11/21/15	JLI	SW8260C	
o-Xylene	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Styrene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Tetrachloroethene	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	2.9	ug/Kg	1	11/21/15	JLI	SW8260C	1
Toluene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	2.9	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichloroethene	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.8	1.2	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
Vinyl chloride	ND	5.8	0.58	ug/Kg	1	11/21/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	96			%	1	11/21/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	99			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	100	47	ug/kg	1	11/21/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	96			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	23	1.2	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	23	2.9	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	23	0.58	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	120	23	ug/Kg	1	11/21/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 11/23/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	1	11/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	290	100	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	840	290	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dinitrotoluene	ND	290	170	ug/Kg	1	11/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
2-Chloronaphthalene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
2-Chlorophenol	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylnaphthalene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitroaniline	ND	840	420	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitrophenol	ND	290	270	ug/Kg	1	11/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	290	170	ug/Kg	1	11/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	840	200	ug/Kg	1	11/21/15	DD	SW8270D
3-Nitroaniline	ND	840	840	ug/Kg	1	11/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2100	450	ug/Kg	1	11/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloroaniline	ND	340	200	ug/Kg	1	11/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitroaniline	ND	840	140	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitrophenol	ND	420	190	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Acetophenone	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Aniline	ND	340	340	ug/Kg	1	11/21/15	DD	SW8270D
Anthracene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benz(a)anthracene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzidine	ND	840	250	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(a)pyrene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(ghi)perylene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Benzoic acid	ND	2100	840	ug/Kg	1	11/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Carbazole	ND	2100	320	ug/Kg	1	11/21/15	DD	SW8270D
Chrysene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Dibenzofuran	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Diethyl phthalate	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Dimethylphthalate	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-butylphthalate	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-octylphthalate	ND	290	110	ug/Kg	1	11/21/15	DD	SW8270D
Fluoranthene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Fluorene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobenzene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobutadiene	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Hexachloroethane	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Isophorone	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Naphthalene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Nitrobenzene	ND	290	150	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	1	11/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	290	160	ug/Kg	1	11/21/15	DD	SW8270D
Pentachlorophenol	ND	290	160	ug/Kg	1	11/21/15	DD	SW8270D
Phenanthrene	ND	290	120	ug/Kg	1	11/21/15	DD	SW8270D
Phenol	ND	290	130	ug/Kg	1	11/21/15	DD	SW8270D
Pyrene	ND	290	140	ug/Kg	1	11/21/15	DD	SW8270D
Pyridine	ND	290	100	ug/Kg	1	11/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	83			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	72			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorophenol	64			%	1	11/21/15	DD	30 - 130 %
% Nitrobenzene-d5	67			%	1	11/21/15	DD	30 - 130 %
% Phenol-d5	72			%	1	11/21/15	DD	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	78			%	1	11/21/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/23/15	DD	1

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.

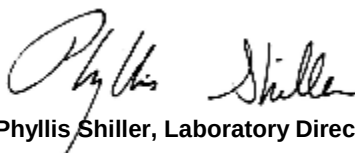
Comments:

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.

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

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Phyllis Shiller, Laboratory Director

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/20/15

Time

17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26748

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B18 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	5800	35	6.9	mg/Kg	10	11/23/15	LK	SW6010C
Arsenic	20.1	0.7	0.69	mg/Kg	1	11/24/15	LK	SW6010C
Barium	49.1	0.7	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.28	B 0.28	0.14	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	11300	35	32	mg/Kg	10	11/23/15	LK	SW6010C
Cadmium	1.95	0.35	0.14	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	16.3	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	17.2	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Copper	37.5	* 0.35	0.35	mg/kg	1	11/24/15	LK	SW6010C
Iron	79900	35	35	mg/Kg	10	11/23/15	LK	SW6010C
Mercury	0.02	B* 0.03	0.02	mg/Kg	1	11/23/15	RS	SW7471B
Potassium	1130	7	2.7	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	1590	N 3.5	3.5	mg/Kg	1	11/24/15	LK	SW6010C
Manganese	938	3.5	3.5	mg/Kg	10	11/23/15	LK	SW6010C
Sodium	792	N 7	3.0	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	22.0	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Lead	65.3	0.7	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Antimony	< 1.7	1.7	1.7	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	50.3	0.3	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	49.6	0.7	0.35	mg/Kg	1	11/24/15	EK	SW6010C
Percent Solid	94			%		11/21/15	lk	SW846-%Solid
Total Cyanide (SW9010C Distill.)	0.633	0.53	0.27	mg/Kg	1	11/23/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/20/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/20/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/21/15	W/W	SW7471B
Total Metals Digest	Completed					11/20/15	G/AG/T	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	35	35	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1221	ND	35	35	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1232	ND	35	35	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1242	ND	35	35	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1248	ND	35	35	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1254	ND	35	35	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1260	ND	35	35	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1262	ND	35	35	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1268	ND	35	35	ug/Kg	2	11/21/15	AW	SW8082A

QA/QC Surrogates

% DCBP	73			%	2	11/21/15	AW	30 - 150 %
% TCMX	64			%	2	11/21/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.1	2.1	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	11/21/15	CE	SW8081B
a-BHC	ND	6.9	6.9	ug/Kg	2	11/21/15	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	11/21/15	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	11/21/15	CE	SW8081B
b-BHC	ND	6.9	6.9	ug/Kg	2	11/21/15	CE	SW8081B
Chlordane	ND	35	35	ug/Kg	2	11/21/15	CE	SW8081B
d-BHC	ND	6.9	6.9	ug/Kg	2	11/21/15	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan I	ND	6.9	6.9	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan II	ND	6.9	6.9	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan sulfate	ND	6.9	6.9	ug/Kg	2	11/21/15	CE	SW8081B
Endrin	ND	6.9	6.9	ug/Kg	2	11/21/15	CE	SW8081B
Endrin aldehyde	ND	6.9	6.9	ug/Kg	2	11/21/15	CE	SW8081B
Endrin ketone	ND	6.9	6.9	ug/Kg	2	11/21/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/21/15	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor	ND	6.9	6.9	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor epoxide	ND	6.9	6.9	ug/Kg	2	11/21/15	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	11/21/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/21/15	CE	SW8081B

QA/QC Surrogates

% DCBP	64			%	2	11/21/15	CE	30 - 150 %
% TCMX	59			%	2	11/21/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	17	3.5	ug/Kg	1	11/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
4-Chlorotoluene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	17	3.5	ug/Kg	1	11/21/15	JLI	SW8260C
Acetone	6.1	JS 35	3.5	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	6.9	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Benzene	1.3	J 3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Bromobenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Bromochloromethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Bromodichloromethane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Bromoform	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Bromomethane	ND	3.5	1.4	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon Disulfide	1.3	J 3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon tetrachloride	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Chlorobenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroform	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Chloromethane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromochloromethane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromomethane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Ethylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Isopropylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
m&p-Xylene	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	21	3.5	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.9	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Methylene chloride	ND	3.5	3.5	ug/Kg	1	11/21/15	JLI	SW8260C
Naphthalene	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
n-Propylbenzene	ND	3.5	0.62	ug/Kg	1	11/21/15	JLI	SW8260C
o-Xylene	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
sec-Butylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Styrene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
tert-Butylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrachloroethene	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.9	1.7	ug/Kg	1	11/21/15	JLI	SW8260C
Toluene	0.65	J 3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.9	1.7	ug/Kg	1	11/21/15	JLI	SW8260C
Trichloroethene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	3.5	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Vinyl chloride	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	99			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	89			%	1	11/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	69	28	ug/kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	89			%	1	11/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	14	0.69	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	14	1.7	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	14	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	69	14	ug/Kg	1	11/21/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/23/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Dichlorobenzene	ND	250	99	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
1,3-Dichlorobenzene	ND	250	100	ug/Kg	1	11/23/15	DD	SW8270D
1,4-Dichlorobenzene	ND	250	100	ug/Kg	1	11/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	1	11/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	250	87	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dinitrophenol	ND	700	250	ug/Kg	1	11/23/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	11/23/15	DD	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/23/15	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylnaphthalene	ND	250	100	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitroaniline	ND	700	360	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitrophenol	ND	250	220	ug/Kg	1	11/23/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/23/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	700	170	ug/Kg	1	11/23/15	DD	SW8270D
3-Nitroaniline	ND	700	700	ug/Kg	1	11/23/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	1	11/23/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloroaniline	ND	280	160	ug/Kg	1	11/23/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitroaniline	ND	700	120	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitrophenol	ND	350	160	ug/Kg	1	11/23/15	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
Acenaphthylene	ND	250	99	ug/Kg	1	11/23/15	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
Aniline	ND	280	280	ug/Kg	1	11/23/15	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzidine	ND	700	210	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(a)pyrene	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzoic acid	ND	1800	700	ug/Kg	1	11/23/15	DD	SW8270D
Benzyl butyl phthalate	ND	250	91	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	250	95	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	98	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/23/15	DD	SW8270D
Carbazole	ND	1800	270	ug/Kg	1	11/23/15	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	1	11/23/15	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-butylphthalate	ND	250	94	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-octylphthalate	ND	250	91	ug/Kg	1	11/23/15	DD	SW8270D
Fluoranthene	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobenzene	ND	250	100	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
Isophorone	ND	250	99	ug/Kg	1	11/23/15	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/23/15	DD	SW8270D
Nitrobenzene	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodimethylamine	ND	250	99	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/23/15	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/23/15	DD	SW8270D
Pentachlorophenol	ND	250	130	ug/Kg	1	11/23/15	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	11/23/15	DD	SW8270D
Phenol	ND	250	110	ug/Kg	1	11/23/15	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	1	11/23/15	DD	SW8270D
Pyridine	ND	250	87	ug/Kg	1	11/23/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	80			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorobiphenyl	70			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorophenol	44			%	1	11/23/15	DD	30 - 130 %
% Nitrobenzene-d5	65			%	1	11/23/15	DD	30 - 130 %
% Phenol-d5	60			%	1	11/23/15	DD	30 - 130 %
% Terphenyl-d14	70			%	1	11/23/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	DD	1

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:

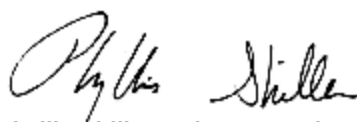
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/20/15

Time

17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26749

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B18 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	7740	36	7.1	mg/Kg	10	11/23/15	LK	SW6010C
Arsenic	2.5	0.7	0.71	mg/Kg	1	11/24/15	LK	SW6010C
Barium	14.8	0.7	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.36	0.28	0.14	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	7920	3.6	3.3	mg/Kg	1	11/24/15	LK	SW6010C
Cadmium	0.20	B 0.36	0.14	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	8.01	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	19.2	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Copper	20.6	* 0.36	0.36	mg/kg	1	11/24/15	LK	SW6010C
Iron	13600	36	36	mg/Kg	10	11/23/15	LK	SW6010C
Mercury	< 0.03	* 0.03	0.02	mg/Kg	1	11/23/15	RS	SW7471B
Potassium	2070	7	2.8	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	9240	N 36	36	mg/Kg	10	11/23/15	LK	SW6010C
Manganese	279	3.6	3.6	mg/Kg	10	11/23/15	LK	SW6010C
Sodium	963	N 7	3.1	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	12.8	0.36	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Lead	4.9	0.7	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Antimony	< 1.8	1.8	1.8	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	26.4	0.4	0.36	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	41.1	0.7	0.36	mg/Kg	1	11/24/15	EK	SW6010C
Percent Solid	88			%		11/21/15	lk	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.52	0.52	0.26	mg/Kg	1	11/23/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/20/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/20/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/21/15	W/W	SW7471B
Total Metals Digest	Completed					11/20/15	G/AG/T	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1260	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A

QA/QC Surrogates

% DCBP	82			%	2	11/21/15	AW	30 - 150 %
% TCMX	73			%	2	11/21/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/21/15	CE	SW8081B
a-BHC	ND	7.5	7.5	ug/Kg	2	11/21/15	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	11/21/15	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	11/21/15	CE	SW8081B
b-BHC	ND	7.5	7.5	ug/Kg	2	11/21/15	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	11/21/15	CE	SW8081B
d-BHC	ND	7.5	7.5	ug/Kg	2	11/21/15	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan I	ND	7.5	7.5	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan II	ND	7.5	7.5	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan sulfate	ND	7.5	7.5	ug/Kg	2	11/21/15	CE	SW8081B
Endrin	ND	7.5	7.5	ug/Kg	2	11/21/15	CE	SW8081B
Endrin aldehyde	ND	7.5	7.5	ug/Kg	2	11/21/15	CE	SW8081B
Endrin ketone	ND	7.5	7.5	ug/Kg	2	11/21/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/21/15	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor	ND	7.5	7.5	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor epoxide	ND	7.5	7.5	ug/Kg	2	11/21/15	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	11/21/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/21/15	CE	SW8081B

QA/QC Surrogates

% DCBP	75			%	2	11/21/15	CE	30 - 150 %
% TCMX	63			%	2	11/21/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	20	4.1	ug/Kg	1	11/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
4-Chlorotoluene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	20	4.1	ug/Kg	1	11/21/15	JLI	SW8260C
Acetone	ND	41	4.1	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	8.2	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Benzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Bromobenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Bromochloromethane	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Bromodichloromethane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Bromoform	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Bromomethane	ND	4.1	1.6	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon Disulfide	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon tetrachloride	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Chlorobenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroethane	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroform	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Chloromethane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromochloromethane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromomethane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Ethylbenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Isopropylbenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
m&p-Xylene	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	25	4.1	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.2	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Methylene chloride	ND	4.1	4.1	ug/Kg	1	11/21/15	JLI	SW8260C
Naphthalene	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
n-Propylbenzene	ND	4.1	0.74	ug/Kg	1	11/21/15	JLI	SW8260C
o-Xylene	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
sec-Butylbenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Styrene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
tert-Butylbenzene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrachloroethene	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.2	2.0	ug/Kg	1	11/21/15	JLI	SW8260C
Toluene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.2	2.0	ug/Kg	1	11/21/15	JLI	SW8260C
Trichloroethene	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.1	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Vinyl chloride	ND	4.1	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	102			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	92			%	1	11/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	82	33	ug/kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	92			%	1	11/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	16	0.82	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	16	2.0	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	16	0.41	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	82	16	ug/Kg	1	11/21/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/23/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	92	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dinitrophenol	ND	740	260	ug/Kg	1	11/23/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	11/23/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
2-Chloronaphthalene	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
2-Chlorophenol	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitroaniline	ND	740	370	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitrophenol	ND	260	230	ug/Kg	1	11/23/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/23/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	1	11/23/15	DD	SW8270D
3-Nitroaniline	ND	740	740	ug/Kg	1	11/23/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	400	ug/Kg	1	11/23/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	11/23/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitroaniline	ND	740	120	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/23/15	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/23/15	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Benz(a)anthracene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzidine	ND	740	220	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(a)pyrene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzoic acid	ND	1800	740	ug/Kg	1	11/23/15	DD	SW8270D
Benzyl butyl phthalate	ND	260	95	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Carbazole	ND	1800	280	ug/Kg	1	11/23/15	DD	SW8270D
Chrysene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Dimethylphthalate	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-butylphthalate	ND	260	98	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-octylphthalate	ND	260	95	ug/Kg	1	11/23/15	DD	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Isophorone	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/23/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/23/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	11/23/15	DD	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	11/23/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/23/15	DD	SW8270D
Pyrene	ND	260	130	ug/Kg	1	11/23/15	DD	SW8270D
Pyridine	ND	260	91	ug/Kg	1	11/23/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	80			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorobiphenyl	68			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorophenol	50			%	1	11/23/15	DD	30 - 130 %
% Nitrobenzene-d5	61			%	1	11/23/15	DD	30 - 130 %
% Phenol-d5	58			%	1	11/23/15	DD	30 - 130 %
% Terphenyl-d14	77			%	1	11/23/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	DD	1

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:

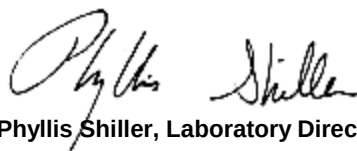
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/20/15 17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26750

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B19 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.39	0.39	0.39	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	11500	39	7.8	mg/Kg	10	11/23/15	LK	SW6010C
Arsenic	2.3	0.8	0.78	mg/Kg	1	11/24/15	LK	SW6010C
Barium	30.3	0.8	0.39	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.64	0.31	0.16	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	46500	39	36	mg/Kg	10	11/23/15	LK	SW6010C
Cadmium	0.20	B 0.39	0.16	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	9.58	0.39	0.39	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	19.7	0.39	0.39	mg/Kg	1	11/24/15	LK	SW6010C
Copper	16.5	* 0.39	0.39	mg/kg	1	11/24/15	LK	SW6010C
Iron	18600	39	39	mg/Kg	10	11/23/15	LK	SW6010C
Mercury	< 0.03	* 0.03	0.02	mg/Kg	1	11/23/15	RS	SW7471B
Potassium	1030	8	3.1	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	8190	N 39	39	mg/Kg	10	11/23/15	LK	SW6010C
Manganese	435	3.9	3.9	mg/Kg	10	11/23/15	LK	SW6010C
Sodium	1330	N 8	3.4	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	16.1	0.39	0.39	mg/Kg	1	11/24/15	LK	SW6010C
Lead	5.2	0.8	0.39	mg/Kg	1	11/24/15	LK	SW6010C
Antimony	< 2.0	2.0	2.0	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.6	1.6	1.3	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.6	1.6	1.6	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	25.7	0.4	0.39	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	37.4	0.8	0.39	mg/Kg	1	11/24/15	EK	SW6010C
Percent Solid	90			%		11/21/15	lk	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.56	0.56	0.28	mg/Kg	1	11/23/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/20/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/20/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/21/15	W/W	SW7471B
Total Metals Digest	Completed					11/20/15	G/AG/T	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	11/21/15	AW	SW8082A

QA/QC Surrogates

% DCBP	85			%	2	11/21/15	AW	30 - 150 %
% TCMX	77			%	2	11/21/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/21/15	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	11/21/15	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	2	11/21/15	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	11/21/15	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	11/21/15	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	2	11/21/15	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	11/21/15	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	11/21/15	CE	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	2	11/21/15	CE	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	2	11/21/15	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	11/21/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	11/21/15	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	11/21/15	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	11/21/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	11/21/15	CE	SW8081B

QA/QC Surrogates

% DCBP	77			%	2	11/21/15	CE	30 - 150 %
% TCMX	64			%	2	11/21/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	3.7	J 4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	1.7	J 4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	21	4.2	ug/Kg	1	11/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
4-Chlorotoluene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	21	4.2	ug/Kg	1	11/21/15	JLI	SW8260C
Acetone	6.8	JS 42	4.2	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	8.4	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Benzene	0.50	J 4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Bromobenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Bromochloromethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Bromodichloromethane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Bromoform	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Bromomethane	ND	4.2	1.7	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon Disulfide	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon tetrachloride	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Chlorobenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroform	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Chloromethane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromochloromethane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromomethane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Ethylbenzene	0.61	J 4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Isopropylbenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
m&p-Xylene	2.2	J 4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	25	4.2	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.4	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Methylene chloride	ND	4.2	4.2	ug/Kg	1	11/21/15	JLI	SW8260C
Naphthalene	2.0	J 4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
n-Propylbenzene	ND	4.2	0.76	ug/Kg	1	11/21/15	JLI	SW8260C
o-Xylene	1.2	J 4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
sec-Butylbenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Styrene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
tert-Butylbenzene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrachloroethene	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.4	2.1	ug/Kg	1	11/21/15	JLI	SW8260C
Toluene	1.1	J 4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.4	2.1	ug/Kg	1	11/21/15	JLI	SW8260C
Trichloroethene	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.2	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Vinyl chloride	ND	4.2	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	105			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	84	34	ug/kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	95			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	100			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	17	0.84	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	17	2.1	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	17	0.42	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	84	17	ug/Kg	1	11/21/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/23/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	11/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	720	250	ug/Kg	1	11/21/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	11/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitroaniline	ND	720	360	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	1	11/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	1	11/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	1	11/21/15	DD	SW8270D
3-Nitroaniline	ND	720	720	ug/Kg	1	11/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	1	11/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloroaniline	ND	290	170	ug/Kg	1	11/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitroaniline	ND	720	120	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitrophenol	ND	360	160	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Aniline	ND	290	290	ug/Kg	1	11/21/15	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzidine	ND	720	210	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(a)pyrene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzoic acid	ND	1800	720	ug/Kg	1	11/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	250	93	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Carbazole	ND	1800	270	ug/Kg	1	11/21/15	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Dibenzofuran	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-butylphthalate	ND	250	96	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-octylphthalate	ND	250	93	ug/Kg	1	11/21/15	DD	SW8270D
Fluoranthene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobenzene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	1	11/21/15	DD	SW8270D

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Isophorone	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Nitrobenzene	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	11/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	11/21/15	DD	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	1	11/21/15	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	1	11/21/15	DD	SW8270D
Phenol	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	1	11/21/15	DD	SW8270D
Pyridine	ND	250	89	ug/Kg	1	11/21/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	50			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	40			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorophenol	33			%	1	11/21/15	DD	30 - 130 %
% Nitrobenzene-d5	38			%	1	11/21/15	DD	30 - 130 %
% Phenol-d5	40			%	1	11/21/15	DD	30 - 130 %
% Terphenyl-d14	51			%	1	11/21/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/23/15	DD	1

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:

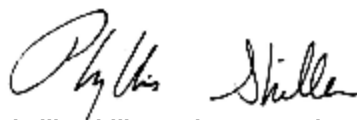
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
 11/20/15

Time

17:47

Laboratory Data

SDG ID: GBK26739
 Phoenix ID: BK26751

Project ID: 2401 3RD AVE BRONX NY
 Client ID: 15 B19 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	13500	35	6.9	mg/Kg	10	11/23/15	LK	SW6010C
Arsenic	1.0	0.7	0.69	mg/Kg	1	11/24/15	LK	SW6010C
Barium	10.7	0.7	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.53	0.28	0.14	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	1450	3.5	3.2	mg/Kg	1	11/24/15	LK	SW6010C
Cadmium	< 0.35	0.35	0.14	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	9.31	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	28.7	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Copper	18.0	* 0.35	0.35	mg/kg	1	11/24/15	LK	SW6010C
Iron	16300	35	35	mg/Kg	10	11/23/15	LK	SW6010C
Mercury	< 0.03	* 0.03	0.02	mg/Kg	1	11/23/15	RS	SW7471B
Potassium	1870	7	2.7	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	14200	N 35	35	mg/Kg	10	11/23/15	LK	SW6010C
Manganese	244	3.5	3.5	mg/Kg	10	11/23/15	LK	SW6010C
Sodium	1170	N 7	3.0	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	16.4	0.35	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Lead	4.8	0.7	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Antimony	< 1.7	1.7	1.7	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	36.8	0.3	0.35	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	51.4	0.7	0.35	mg/Kg	1	11/24/15	EK	SW6010C
Percent Solid	88			%		11/21/15	lk	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.52	0.52	0.26	mg/Kg	1	11/23/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/20/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/20/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/21/15	W/W	SW7471B
Total Metals Digest	Completed					11/20/15	G/AG/T	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1260	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	11/21/15	AW	SW8082A

QA/QC Surrogates

% DCBP	86			%	2	11/21/15	AW	30 - 150 %
% TCMX	74			%	2	11/21/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/21/15	CE	SW8081B
a-BHC	ND	7.4	7.4	ug/Kg	2	11/21/15	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	11/21/15	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	11/21/15	CE	SW8081B
b-BHC	ND	7.4	7.4	ug/Kg	2	11/21/15	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	11/21/15	CE	SW8081B
d-BHC	ND	7.4	7.4	ug/Kg	2	11/21/15	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan I	ND	7.4	7.4	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan II	ND	7.4	7.4	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan sulfate	ND	7.4	7.4	ug/Kg	2	11/21/15	CE	SW8081B
Endrin	ND	7.4	7.4	ug/Kg	2	11/21/15	CE	SW8081B
Endrin aldehyde	ND	7.4	7.4	ug/Kg	2	11/21/15	CE	SW8081B
Endrin ketone	ND	7.4	7.4	ug/Kg	2	11/21/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/21/15	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor	ND	7.4	7.4	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor epoxide	ND	7.4	7.4	ug/Kg	2	11/21/15	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	11/21/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/21/15	CE	SW8081B

QA/QC Surrogates

% DCBP	77			%	2	11/21/15	CE	30 - 150 %
% TCMX	63			%	2	11/21/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	22	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
4-Chlorotoluene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	22	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
Acetone	ND	44	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	8.8	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Benzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Bromobenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Bromochloromethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Bromodichloromethane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Bromoform	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Bromomethane	ND	4.4	1.8	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon Disulfide	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon tetrachloride	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Chlorobenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroform	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Chloromethane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromochloromethane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromomethane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Ethylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Isopropylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
m&p-Xylene	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	26	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.8	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Methylene chloride	ND	4.4	4.4	ug/Kg	1	11/21/15	JLI	SW8260C
Naphthalene	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
n-Propylbenzene	ND	4.4	0.79	ug/Kg	1	11/21/15	JLI	SW8260C
o-Xylene	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
sec-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Styrene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
tert-Butylbenzene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrachloroethene	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	8.8	2.2	ug/Kg	1	11/21/15	JLI	SW8260C
Toluene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.8	2.2	ug/Kg	1	11/21/15	JLI	SW8260C
Trichloroethene	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	4.4	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Vinyl chloride	ND	4.4	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	93			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	88	35	ug/kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	93			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	18	0.88	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	18	2.2	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	18	0.44	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	88	18	ug/Kg	1	11/21/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/23/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	11/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	11/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	93	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	750	260	ug/Kg	1	11/21/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	260	150	ug/Kg	1	11/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitroaniline	ND	750	380	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	1	11/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	1	11/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	1	11/21/15	DD	SW8270D
3-Nitroaniline	ND	750	750	ug/Kg	1	11/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	1	11/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloroaniline	ND	300	170	ug/Kg	1	11/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitroaniline	ND	750	120	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitrophenol	ND	370	170	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	1	11/21/15	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Aniline	ND	300	300	ug/Kg	1	11/21/15	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Benz(a)anthracene	ND	260	130	ug/Kg	1	11/21/15	DD	SW8270D
Benzidine	ND	750	220	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(a)pyrene	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Benzoic acid	ND	1900	750	ug/Kg	1	11/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	260	96	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
Carbazole	ND	1900	280	ug/Kg	1	11/21/15	DD	SW8270D
Chrysene	ND	260	130	ug/Kg	1	11/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-butylphthalate	ND	260	99	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-octylphthalate	ND	260	96	ug/Kg	1	11/21/15	DD	SW8270D
Fluoranthene	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobutadiene	ND	260	140	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Isophorone	ND	260	100	ug/Kg	1	11/21/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	11/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	11/21/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	11/21/15	DD	SW8270D
Phenanthrene	ND	260	110	ug/Kg	1	11/21/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	1	11/21/15	DD	SW8270D
Pyrene	ND	260	130	ug/Kg	1	11/21/15	DD	SW8270D
Pyridine	ND	260	92	ug/Kg	1	11/21/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	83			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	73			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorophenol	57			%	1	11/21/15	DD	30 - 130 %
% Nitrobenzene-d5	63			%	1	11/21/15	DD	30 - 130 %
% Phenol-d5	67			%	1	11/21/15	DD	30 - 130 %
% Terphenyl-d14	81			%	1	11/21/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/23/15	DD	1

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:

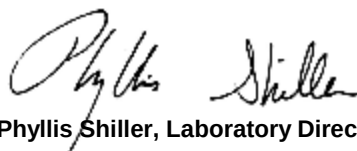
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date Time

11/20/15
11/20/15 17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26752

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B20 8-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86			%		11/21/15	lk	SW846-%Solid
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A
Field Extraction	Completed					11/20/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	17	3.5	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	1
4-Chlorotoluene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	17	3.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Acetone	10	JS 35	3.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Acrylonitrile	ND	7.0	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
Benzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromobenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromochloromethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromodichloromethane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromoform	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromomethane	ND	3.5	1.4	ug/Kg	1	11/21/15	JLI	SW8260C	
Carbon Disulfide	5.4	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
Carbon tetrachloride	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
Chlorobenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloroethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloroform	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloromethane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Dibromochloromethane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
Dibromomethane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Ethylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Hexachlorobutadiene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Isopropylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
m&p-Xylene	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	21	3.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	7.0	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
Methylene chloride	ND	3.5	3.5	ug/Kg	1	11/21/15	JLI	SW8260C	
Naphthalene	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
n-Butylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
n-Propylbenzene	ND	3.5	0.63	ug/Kg	1	11/21/15	JLI	SW8260C	
o-Xylene	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
p-Isopropyltoluene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
sec-Butylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Styrene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
tert-Butylbenzene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Tetrachloroethene	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	7.0	1.7	ug/Kg	1	11/21/15	JLI	SW8260C	1
Toluene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	7.0	1.7	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichloroethene	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichlorofluoromethane	ND	3.5	0.70	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
Vinyl chloride	ND	3.5	0.35	ug/Kg	1	11/21/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97			%	1	11/21/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	101			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	103			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	70	28	ug/kg	1	11/21/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	97			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	101			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	14	0.70	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	14	1.7	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	14	0.35	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	70	14	ug/Kg	1	11/21/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 11/23/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	11/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	270	95	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dinitrophenol	ND	770	270	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	11/23/15	DD	SW8270D
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
2-Chloronaphthalene	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
2-Chlorophenol	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylnaphthalene	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitroaniline	ND	770	390	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitrophenol	ND	270	240	ug/Kg	1	11/23/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	11/23/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	1	11/23/15	DD	SW8270D
3-Nitroaniline	ND	770	770	ug/Kg	1	11/23/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	1	11/23/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloroaniline	ND	310	180	ug/Kg	1	11/23/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitroaniline	ND	770	130	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitrophenol	ND	380	170	ug/Kg	1	11/23/15	DD	SW8270D
Acenaphthene	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
Acetophenone	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
Aniline	ND	310	310	ug/Kg	1	11/23/15	DD	SW8270D
Anthracene	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
Benz(a)anthracene	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
Benzidine	ND	770	230	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(a)pyrene	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
Benzoic acid	ND	1900	770	ug/Kg	1	11/23/15	DD	SW8270D
Benzyl butyl phthalate	ND	270	99	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
Carbazole	ND	1900	290	ug/Kg	1	11/23/15	DD	SW8270D
Chrysene	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
Dibenzofuran	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
Diethyl phthalate	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
Dimethylphthalate	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-butylphthalate	ND	270	100	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-octylphthalate	ND	270	99	ug/Kg	1	11/23/15	DD	SW8270D
Fluoranthene	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
Fluorene	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobenzene	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobutadiene	ND	270	140	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
Hexachloroethane	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
Isophorone	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
Naphthalene	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
Nitrobenzene	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	11/23/15	DD	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	11/23/15	DD	SW8270D
Pentachlorophenol	ND	270	140	ug/Kg	1	11/23/15	DD	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	11/23/15	DD	SW8270D
Phenol	ND	270	120	ug/Kg	1	11/23/15	DD	SW8270D
Pyrene	ND	270	130	ug/Kg	1	11/23/15	DD	SW8270D
Pyridine	ND	270	94	ug/Kg	1	11/23/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	86			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorobiphenyl	67			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorophenol	55			%	1	11/23/15	DD	30 - 130 %
% Nitrobenzene-d5	65			%	1	11/23/15	DD	30 - 130 %
% Phenol-d5	61			%	1	11/23/15	DD	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	76			%	1	11/23/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	DD	1

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.

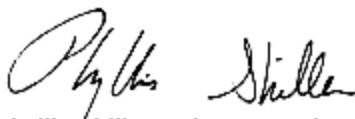
Comments:

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/20/15 17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26753

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B15 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83			%		11/21/15	lk	SW846-%Solid
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A
Field Extraction	Completed					11/20/15		SW5035A

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	23	4.6	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Isopropyltoluene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	1
4-Chlorotoluene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	23	4.6	ug/Kg	1	11/21/15	JLI	SW8260C	
Acetone	18	JS 46	4.6	ug/Kg	1	11/21/15	JLI	SW8260C	
Acrylonitrile	ND	9.3	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
Benzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromobenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromochloromethane	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromodichloromethane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromoform	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
Bromomethane	ND	4.6	1.9	ug/Kg	1	11/21/15	JLI	SW8260C	
Carbon Disulfide	4.0	J 4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
Carbon tetrachloride	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
Chlorobenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloroethane	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloroform	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Chloromethane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Dibromochloromethane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
Dibromomethane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Ethylbenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Hexachlorobutadiene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Isopropylbenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
m&p-Xylene	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	28	4.6	ug/Kg	1	11/21/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.3	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
Methylene chloride	ND	4.6	4.6	ug/Kg	1	11/21/15	JLI	SW8260C	
Naphthalene	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
n-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
n-Propylbenzene	ND	4.6	0.83	ug/Kg	1	11/21/15	JLI	SW8260C	
o-Xylene	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
p-Isopropyltoluene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
sec-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Styrene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
tert-Butylbenzene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Tetrachloroethene	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9.3	2.3	ug/Kg	1	11/21/15	JLI	SW8260C	1
Toluene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9.3	2.3	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichloroethene	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichlorofluoromethane	ND	4.6	0.93	ug/Kg	1	11/21/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
Vinyl chloride	ND	4.6	0.46	ug/Kg	1	11/21/15	JLI	SW8260C	
<u>QA/QC Surrogates</u>									
% 1,2-dichlorobenzene-d4	94			%	1	11/21/15	JLI	70 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	101			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/21/15	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	93	37	ug/kg	1	11/21/15	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	94			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	91			%	1	11/21/15	JLI	70 - 130 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	19	0.93	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	19	2.3	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	19	0.46	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	93	19	ug/Kg	1	11/21/15	JLI	SW8260C

Volatile Library Search Top 10 Completed 11/23/15 JLI

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	140	ug/Kg	1	11/23/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Dichlorobenzene	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
1,3-Dichlorobenzene	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D
1,4-Dichlorobenzene	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	280	220	ug/Kg	1	11/23/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dichlorophenol	ND	280	140	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dimethylphenol	ND	280	99	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dinitrophenol	ND	800	280	ug/Kg	1	11/23/15	DD	SW8270D
2,4-Dinitrotoluene	ND	280	160	ug/Kg	1	11/23/15	DD	SW8270D
2,6-Dinitrotoluene	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
2-Chloronaphthalene	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
2-Chlorophenol	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylnaphthalene	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	280	190	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitroaniline	ND	800	400	ug/Kg	1	11/23/15	DD	SW8270D
2-Nitrophenol	ND	280	250	ug/Kg	1	11/23/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	280	160	ug/Kg	1	11/23/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	800	190	ug/Kg	1	11/23/15	DD	SW8270D
3-Nitroaniline	ND	800	800	ug/Kg	1	11/23/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2000	430	ug/Kg	1	11/23/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	280	140	ug/Kg	1	11/23/15	DD	SW8270D
4-Chloroaniline	ND	320	190	ug/Kg	1	11/23/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitroaniline	ND	800	130	ug/Kg	1	11/23/15	DD	SW8270D
4-Nitrophenol	ND	400	180	ug/Kg	1	11/23/15	DD	SW8270D
Acenaphthene	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
Acetophenone	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D
Aniline	ND	320	320	ug/Kg	1	11/23/15	DD	SW8270D
Anthracene	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Benz(a)anthracene	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Benzidine	ND	800	230	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(a)pyrene	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(b)fluoranthene	ND	280	140	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(ghi)perylene	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Benzo(k)fluoranthene	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Benzoic acid	ND	2000	800	ug/Kg	1	11/23/15	DD	SW8270D
Benzyl butyl phthalate	ND	280	100	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
Carbazole	ND	2000	300	ug/Kg	1	11/23/15	DD	SW8270D
Chrysene	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Dibenzofuran	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D
Diethyl phthalate	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Dimethylphthalate	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-butylphthalate	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
Di-n-octylphthalate	ND	280	100	ug/Kg	1	11/23/15	DD	SW8270D
Fluoranthene	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Fluorene	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobenzene	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorobutadiene	ND	280	140	ug/Kg	1	11/23/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D
Hexachloroethane	ND	280	120	ug/Kg	1	11/23/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Isophorone	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
Naphthalene	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
Nitrobenzene	ND	280	140	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodimethylamine	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	280	150	ug/Kg	1	11/23/15	DD	SW8270D
Pentachloronitrobenzene	ND	280	150	ug/Kg	1	11/23/15	DD	SW8270D
Pentachlorophenol	ND	280	150	ug/Kg	1	11/23/15	DD	SW8270D
Phenanthrene	ND	280	110	ug/Kg	1	11/23/15	DD	SW8270D
Phenol	ND	280	130	ug/Kg	1	11/23/15	DD	SW8270D
Pyrene	ND	280	140	ug/Kg	1	11/23/15	DD	SW8270D
Pyridine	ND	280	98	ug/Kg	1	11/23/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	76			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorobiphenyl	57			%	1	11/23/15	DD	30 - 130 %
% 2-Fluorophenol	45			%	1	11/23/15	DD	30 - 130 %
% Nitrobenzene-d5	49			%	1	11/23/15	DD	30 - 130 %
% Phenol-d5	53			%	1	11/23/15	DD	30 - 130 %

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Terphenyl-d14	69			%	1	11/23/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	DD	1

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.

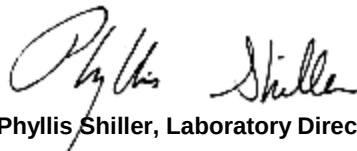
Comments:

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
11/20/15

Time

17:47

Laboratory Data

SDG ID: GBK26739
Phoenix ID: BK26754

Project ID: 2401 3RD AVE BRONX NY
Client ID: 15 B23 2-4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.38	0.38	0.38	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	5950	38	7.5	mg/Kg	10	11/23/15	LK	SW6010C
Arsenic	9.2	0.8	0.75	mg/Kg	1	11/24/15	LK	SW6010C
Barium	35.8	0.8	0.38	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.27	B 0.30	0.15	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	2490	3.8	3.5	mg/Kg	1	11/24/15	LK	SW6010C
Cadmium	2.54	0.38	0.15	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	21.1	0.38	0.38	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	22.7	0.38	0.38	mg/Kg	1	11/24/15	LK	SW6010C
Copper	13.6	* 0.38	0.38	mg/kg	1	11/24/15	LK	SW6010C
Iron	122000	380	380	mg/Kg	100	11/23/15	LK	SW6010C
Mercury	< 0.03	* 0.03	0.02	mg/Kg	1	11/23/15	RS	SW7471B
Potassium	674	8	2.9	mg/Kg	1	11/24/15	LK	SW6010C
Magnesium	1580	N 3.8	3.8	mg/Kg	1	11/24/15	LK	SW6010C
Manganese	853	3.8	3.8	mg/Kg	10	11/23/15	LK	SW6010C
Sodium	165	N 8	3.2	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	24.9	0.38	0.38	mg/Kg	1	11/24/15	LK	SW6010C
Lead	155	7.5	3.8	mg/Kg	10	11/23/15	LK	SW6010C
Antimony	< 1.9	1.9	1.9	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.5	1.5	1.3	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.5	1.5	1.5	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	66.1	0.4	0.38	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	22.9	0.8	0.38	mg/Kg	1	11/24/15	EK	SW6010C
Percent Solid	90			%		11/21/15	lk	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.51	0.51	0.25	mg/Kg	1	11/23/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/20/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/20/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/21/15	W/W	SW7471B
Total Metals Digest	Completed					11/20/15	G/AG/T	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	37	37	ug/Kg	2	11/23/15	AW	SW8082A
PCB-1221	ND	37	37	ug/Kg	2	11/23/15	AW	SW8082A
PCB-1232	ND	37	37	ug/Kg	2	11/23/15	AW	SW8082A
PCB-1242	ND	37	37	ug/Kg	2	11/23/15	AW	SW8082A
PCB-1248	ND	37	37	ug/Kg	2	11/23/15	AW	SW8082A
PCB-1254	ND	37	37	ug/Kg	2	11/23/15	AW	SW8082A
PCB-1260	ND	37	37	ug/Kg	2	11/23/15	AW	SW8082A
PCB-1262	ND	37	37	ug/Kg	2	11/23/15	AW	SW8082A
PCB-1268	ND	37	37	ug/Kg	2	11/23/15	AW	SW8082A

QA/QC Surrogates

% DCBP	84			%	2	11/23/15	AW	30 - 150 %
% TCMX	71			%	2	11/23/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2	2.2	ug/Kg	2	11/23/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	2	11/23/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	2	11/23/15	CE	SW8081B
a-BHC	ND	7.3	7.3	ug/Kg	2	11/23/15	CE	SW8081B
a-Chlordane	ND	3.7	3.7	ug/Kg	2	11/23/15	CE	SW8081B
Aldrin	ND	3.7	3.7	ug/Kg	2	11/23/15	CE	SW8081B
b-BHC	ND	7.3	7.3	ug/Kg	2	11/23/15	CE	SW8081B
Chlordane	ND	37	37	ug/Kg	2	11/23/15	CE	SW8081B
d-BHC	ND	7.3	7.3	ug/Kg	2	11/23/15	CE	SW8081B
Dieldrin	ND	3.7	3.7	ug/Kg	2	11/23/15	CE	SW8081B
Endosulfan I	ND	7.3	7.3	ug/Kg	2	11/23/15	CE	SW8081B
Endosulfan II	ND	7.3	7.3	ug/Kg	2	11/23/15	CE	SW8081B
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	2	11/23/15	CE	SW8081B
Endrin	ND	7.3	7.3	ug/Kg	2	11/23/15	CE	SW8081B
Endrin aldehyde	ND	7.3	7.3	ug/Kg	2	11/23/15	CE	SW8081B
Endrin ketone	ND	7.3	7.3	ug/Kg	2	11/23/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	11/23/15	CE	SW8081B
g-Chlordane	ND	3.7	3.7	ug/Kg	2	11/23/15	CE	SW8081B
Heptachlor	ND	7.3	7.3	ug/Kg	2	11/23/15	CE	SW8081B
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	2	11/23/15	CE	SW8081B
Methoxychlor	ND	37	37	ug/Kg	2	11/23/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	11/23/15	CE	SW8081B

QA/QC Surrogates

% DCBP	68			%	2	11/23/15	CE	30 - 150 %
% TCMX	62			%	2	11/23/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
1,1,1-Trichloroethane	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
1,1,2,2-Tetrachloroethane	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
1,1,2-Trichloroethane	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
1,1-Dichloroethene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
1,1-Dichloropropene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
1,2,3-Trichlorobenzene	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
1,2,3-Trichloropropane	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
1,2,4-Trichlorobenzene	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
1,2,4-Trimethylbenzene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
1,2-Dibromo-3-chloropropane	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
1,2-Dibromoethane	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
1,2-Dichlorobenzene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
1,2-Dichloroethane	ND	20	20	ug/Kg	50	11/21/15	J/P	SW8260C
1,2-Dichloropropane	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
1,3,5-Trimethylbenzene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
1,3-Dichlorobenzene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
1,3-Dichloropropane	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
1,4-Dichlorobenzene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
2,2-Dichloropropane	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
2-Chlorotoluene	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
2-Hexanone	ND	1100	230	ug/Kg	50	11/21/15	J/P	SW8260C
2-Isopropyltoluene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
4-Chlorotoluene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
4-Methyl-2-pentanone	ND	1100	230	ug/Kg	50	11/21/15	J/P	SW8260C
Acetone	510	JS 2300	230	ug/Kg	50	11/21/15	J/P	SW8260C
Acrylonitrile	ND	450	45	ug/Kg	50	11/21/15	J/P	SW8260C
Benzene	29	J 59	23	ug/Kg	50	11/21/15	J/P	SW8260C
Bromobenzene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Bromochloromethane	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Bromodichloromethane	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
Bromoform	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
Bromomethane	ND	230	91	ug/Kg	50	11/21/15	J/P	SW8260C
Carbon Disulfide	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
Carbon tetrachloride	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
Chlorobenzene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Chloroethane	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Chloroform	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Chloromethane	120	J 230	45	ug/Kg	50	11/21/15	J/P	SW8260C
cis-1,2-Dichloroethene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
cis-1,3-Dichloropropene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Dibromochloromethane	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
Dibromomethane	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
Dichlorodifluoromethane	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Ethylbenzene	67	J 230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Hexachlorobutadiene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Isopropylbenzene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
m&p-Xylene	58	J 230	45	ug/Kg	50	11/21/15	J/P	SW8260C
Methyl Ethyl Ketone	ND	230	230	ug/Kg	50	11/21/15	J/P	SW8260C
Methyl t-butyl ether (MTBE)	ND	450	45	ug/Kg	50	11/21/15	J/P	SW8260C
Methylene chloride	ND	230	230	ug/Kg	50	11/21/15	J/P	SW8260C
Naphthalene	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	29	J 230	23	ug/Kg	50	11/21/15	J/P	SW8260C
n-Propylbenzene	ND	230	41	ug/Kg	50	11/21/15	J/P	SW8260C
o-Xylene	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
p-Isopropyltoluene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
sec-Butylbenzene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Styrene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
tert-Butylbenzene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Tetrachloroethene	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
Tetrahydrofuran (THF)	ND	450	110	ug/Kg	50	11/21/15	J/P	SW8260C
Toluene	60	J 230	23	ug/Kg	50	11/21/15	J/P	SW8260C
trans-1,2-Dichloroethene	ND	190	23	ug/Kg	50	11/21/15	J/P	SW8260C
trans-1,3-Dichloropropene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
trans-1,4-dichloro-2-butene	ND	450	110	ug/Kg	50	11/21/15	J/P	SW8260C
Trichloroethene	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Trichlorofluoromethane	ND	230	45	ug/Kg	50	11/21/15	J/P	SW8260C
Trichlorotrifluoroethane	ND	230	23	ug/Kg	50	11/21/15	J/P	SW8260C
Vinyl chloride	ND	20	20	ug/Kg	50	11/21/15	J/P	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	50	11/21/15	J/P	70 - 130 %
% Bromofluorobenzene	106			%	50	11/21/15	J/P	70 - 130 %
% Dibromofluoromethane	95			%	50	11/21/15	J/P	70 - 130 %
% Toluene-d8	83			%	50	11/21/15	J/P	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	1800	1800	ug/kg	50	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	100			%	50	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	106			%	50	11/21/15	JLI	70 - 130 %
% Toluene-d8	83			%	50	11/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	910	45	ug/Kg	50	11/21/15	JLI	SW8260C
Acrolein	ND	910	110	ug/Kg	50	11/21/15	JLI	SW8260C
Acrylonitrile	ND	910	23	ug/Kg	50	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	4500	910	ug/Kg	50	11/21/15	JLI	SW8260C
Volatile Library Search Top 10	Completed					11/23/15	JLI	
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	2500	1300	ug/Kg	2	11/23/15	D/P	SW8270D
1,2,4-Trichlorobenzene	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
1,2-Dichlorobenzene	ND	2500	1000	ug/Kg	2	11/23/15	D/P	SW8270D
1,2-Diphenylhydrazine	ND	2500	1200	ug/Kg	2	11/23/15	D/P	SW8270D
1,3-Dichlorobenzene	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
1,4-Dichlorobenzene	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
2,4,5-Trichlorophenol	ND	2500	2000	ug/Kg	2	11/23/15	D/P	SW8270D
2,4,6-Trichlorophenol	ND	2500	1200	ug/Kg	2	11/23/15	D/P	SW8270D
2,4-Dichlorophenol	ND	2500	1300	ug/Kg	2	11/23/15	D/P	SW8270D
2,4-Dimethylphenol	ND	2500	890	ug/Kg	2	11/23/15	D/P	SW8270D
2,4-Dinitrophenol	ND	7200	2500	ug/Kg	2	11/23/15	D/P	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	2500	1400	ug/Kg	2	11/23/15	D/P	SW8270D
2,6-Dinitrotoluene	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
2-Chloronaphthalene	ND	2500	1000	ug/Kg	2	11/23/15	D/P	SW8270D
2-Chlorophenol	ND	2500	1000	ug/Kg	2	11/23/15	D/P	SW8270D
2-Methylnaphthalene	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
2-Methylphenol (o-cresol)	ND	720	720	ug/Kg	2	11/23/15	D/P	SW8270D
2-Nitroaniline	ND	7200	3600	ug/Kg	2	11/23/15	D/P	SW8270D
2-Nitrophenol	ND	2500	2300	ug/Kg	2	11/23/15	D/P	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	2500	1400	ug/Kg	2	11/23/15	D/P	SW8270D
3,3'-Dichlorobenzidine	ND	7200	1700	ug/Kg	2	11/23/15	D/P	SW8270D
3-Nitroaniline	ND	7200	7200	ug/Kg	2	11/23/15	D/P	SW8270D
4,6-Dinitro-2-methylphenol	ND	18000	3900	ug/Kg	2	11/23/15	D/P	SW8270D
4-Bromophenyl phenyl ether	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
4-Chloro-3-methylphenol	ND	2500	1300	ug/Kg	2	11/23/15	D/P	SW8270D
4-Chloroaniline	ND	2900	1700	ug/Kg	2	11/23/15	D/P	SW8270D
4-Chlorophenyl phenyl ether	ND	2500	1200	ug/Kg	2	11/23/15	D/P	SW8270D
4-Nitroaniline	ND	7200	1200	ug/Kg	2	11/23/15	D/P	SW8270D
4-Nitrophenol	ND	3600	1600	ug/Kg	2	11/23/15	D/P	SW8270D
Acenaphthene	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
Acenaphthylene	ND	2500	1000	ug/Kg	2	11/23/15	D/P	SW8270D
Acetophenone	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
Aniline	ND	2900	2900	ug/Kg	2	11/23/15	D/P	SW8270D
Anthracene	ND	2500	1200	ug/Kg	2	11/23/15	D/P	SW8270D
Benz(a)anthracene	1300	J 2500	1200	ug/Kg	2	11/23/15	D/P	SW8270D
Benzidine	ND	7200	2100	ug/Kg	2	11/23/15	D/P	SW8270D
Benzo(a)pyrene	ND	1000	1000	ug/Kg	2	11/23/15	D/P	SW8270D
Benzo(b)fluoranthene	ND	1000	1000	ug/Kg	2	11/23/15	D/P	SW8270D
Benzo(ghi)perylene	ND	2500	1200	ug/Kg	2	11/23/15	D/P	SW8270D
Benzo(k)fluoranthene	730	720	720	ug/Kg	2	11/23/15	D/P	SW8270D
Benzoic acid	ND	18000	7200	ug/Kg	2	11/23/15	D/P	SW8270D
Benzyl butyl phthalate	ND	2500	930	ug/Kg	2	11/23/15	D/P	SW8270D
Bis(2-chloroethoxy)methane	ND	2500	990	ug/Kg	2	11/23/15	D/P	SW8270D
Bis(2-chloroethyl)ether	ND	2500	970	ug/Kg	2	11/23/15	D/P	SW8270D
Bis(2-chloroisopropyl)ether	ND	2500	1000	ug/Kg	2	11/23/15	D/P	SW8270D
Bis(2-ethylhexyl)phthalate	ND	2500	1000	ug/Kg	2	11/23/15	D/P	SW8270D
Carbazole	ND	18000	2700	ug/Kg	2	11/23/15	D/P	SW8270D
Chrysene	1200	1100	1100	ug/Kg	2	11/23/15	D/P	SW8270D
Dibenz(a,h)anthracene	ND	720	720	ug/Kg	2	11/23/15	D/P	SW8270D
Dibenzofuran	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
Diethyl phthalate	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
Dimethylphthalate	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
Di-n-butylphthalate	ND	2500	960	ug/Kg	2	11/23/15	D/P	SW8270D
Di-n-octylphthalate	ND	2500	930	ug/Kg	2	11/23/15	D/P	SW8270D
Fluoranthene	2200	J 2500	1200	ug/Kg	2	11/23/15	D/P	SW8270D
Fluorene	ND	2500	1200	ug/Kg	2	11/23/15	D/P	SW8270D
Hexachlorobenzene	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
Hexachlorobutadiene	ND	2500	1300	ug/Kg	2	11/23/15	D/P	SW8270D
Hexachlorocyclopentadiene	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D
Hexachloroethane	ND	2500	1100	ug/Kg	2	11/23/15	D/P	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	720	720	ug/Kg	2	11/23/15	D/P	SW8270D
Isophorone	ND	2500	1000	ug/Kg	2	11/23/15	D/P	SW8270D
Naphthalene	ND	2500	1000	ug/Kg	2	11/23/15	D/P	SW8270D
Nitrobenzene	ND	2500	1300	ug/Kg	2	11/23/15	D/P	SW8270D
N-Nitrosodimethylamine	ND	2500	1000	ug/Kg	2	11/23/15	D/P	SW8270D
N-Nitrosodi-n-propylamine	ND	2500	1200	ug/Kg	2	11/23/15	D/P	SW8270D
N-Nitrosodiphenylamine	ND	2500	1400	ug/Kg	2	11/23/15	D/P	SW8270D
Pentachloronitrobenzene	ND	2500	1300	ug/Kg	2	11/23/15	D/P	SW8270D
Pentachlorophenol	ND	720	720	ug/Kg	2	11/23/15	D/P	SW8270D
Phenanthrene	3000	2500	1000	ug/Kg	2	11/23/15	D/P	SW8270D
Phenol	ND	720	720	ug/Kg	2	11/23/15	D/P	SW8270D
Pyrene	2100	J 2500	1200	ug/Kg	2	11/23/15	D/P	SW8270D
Pyridine	ND	2500	890	ug/Kg	2	11/23/15	D/P	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	Diluted Out			%	2	11/23/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	Diluted Out			%	2	11/23/15	D/P	30 - 130 %
% 2-Fluorophenol	Diluted Out			%	2	11/23/15	D/P	30 - 130 %
% Nitrobenzene-d5	Diluted Out			%	2	11/23/15	D/P	30 - 130 %
% Phenol-d5	Diluted Out			%	2	11/23/15	D/P	30 - 130 %
% Terphenyl-d14	Diluted Out			%	2	11/23/15	D/P	30 - 130 %
SVOA Library Search Top 25	Completed					11/25/15	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.

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:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis; some compounds are evaluated below the lowest calibration standard.

Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

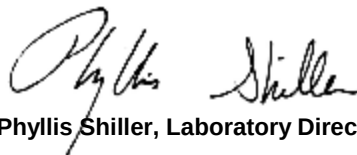
Volatile Comment:

Due to the presence of a large amount of non-target petroleum material, this sample required a dilution; some compounds are evaluated below the lowest calibration standard.

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

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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

Analysis Report

December 16, 2015

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

Sample Information

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

Custody Information

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

Date

11/20/15
 11/20/15

Time

17:47

Laboratory Data

SDG ID: GBK26739
 Phoenix ID: BK26755

Project ID: 2401 3RD AVE BRONX NY
 Client ID: 15 B23 6-8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.49	0.49	0.49	mg/Kg	1	11/24/15	LK	SW6010C
Aluminum	17100	49	9.7	mg/Kg	10	11/23/15	LK	SW6010C
Arsenic	8.7	1.0	0.97	mg/Kg	1	11/24/15	LK	SW6010C
Barium	57.5	1.0	0.49	mg/Kg	1	11/24/15	LK	SW6010C
Beryllium	0.79	0.39	0.19	mg/Kg	1	11/24/15	LK	SW6010C
Calcium	6830	4.9	4.5	mg/Kg	1	11/24/15	LK	SW6010C
Cadmium	0.35	B 0.49	0.19	mg/Kg	1	11/24/15	LK	SW6010C
Cobalt	12.0	0.49	0.49	mg/Kg	1	11/24/15	LK	SW6010C
Chromium	35.4	0.49	0.49	mg/Kg	1	11/24/15	LK	SW6010C
Copper	14.3	* 0.49	0.49	mg/kg	1	11/24/15	LK	SW6010C
Iron	33000	49	49	mg/Kg	10	11/23/15	LK	SW6010C
Mercury	0.03	B* 0.04	0.02	mg/Kg	1	11/23/15	RS	SW7471B
Potassium	4990	97	38	mg/Kg	10	11/23/15	LK	SW6010C
Magnesium	9100	N 49	49	mg/Kg	10	11/23/15	LK	SW6010C
Manganese	407	4.9	4.9	mg/Kg	10	11/23/15	LK	SW6010C
Sodium	2460	N 10	4.2	mg/Kg	1	11/24/15	LK	SW6010C
Nickel	23.8	0.49	0.49	mg/Kg	1	11/24/15	LK	SW6010C
Lead	18.0	1.0	0.49	mg/Kg	1	11/24/15	LK	SW6010C
Antimony	< 2.4	2.4	2.4	mg/Kg	1	11/24/15	LK	SW6010C
Selenium	< 1.9	1.9	1.7	mg/Kg	1	11/24/15	LK	SW6010C
Thallium	< 1.9	1.9	1.9	mg/Kg	1	11/24/15	LK	SW6010C
Vanadium	42.7	0.5	0.49	mg/Kg	1	11/24/15	LK	SW6010C
Zinc	69.5	1.0	0.49	mg/Kg	1	11/24/15	EK	SW6010C
Percent Solid	66			%		11/21/15	lk	SW846-%Solid
Total Cyanide (SW9010C Distill.)	< 0.76	0.76	0.38	mg/Kg	1	11/23/15	O/B/E	SW9012B
Soil Extraction for PCB	Completed					11/20/15	CC	SW3545A
Soil Extraction for Pesticide	Completed					11/20/15	CC/V	SW3545A
Soil Extraction for SVOA	Completed					11/20/15	BB/CKV	SW3545A

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Mercury Digestion	Completed					11/21/15	W/W	SW7471B
Total Metals Digest	Completed					11/20/15	G/AG/T	SW3050B
Field Extraction	Completed					11/20/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	49	49	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1221	ND	49	49	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1232	ND	49	49	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1242	ND	49	49	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1248	ND	49	49	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1254	ND	49	49	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1260	ND	49	49	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1262	ND	49	49	ug/Kg	2	11/21/15	AW	SW8082A
PCB-1268	ND	49	49	ug/Kg	2	11/21/15	AW	SW8082A

QA/QC Surrogates

% DCBP	82			%	2	11/21/15	AW	30 - 150 %
% TCMX	76			%	2	11/21/15	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	3.0	3.0	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDE	ND	3.0	3.0	ug/Kg	2	11/21/15	CE	SW8081B
4,4' -DDT	ND	3.0	3.0	ug/Kg	2	11/21/15	CE	SW8081B
α-BHC	ND	9.9	9.9	ug/Kg	2	11/21/15	CE	SW8081B
α-Chlordane	ND	4.9	4.9	ug/Kg	2	11/21/15	CE	SW8081B
Aldrin	ND	4.9	4.9	ug/Kg	2	11/21/15	CE	SW8081B
β-BHC	ND	9.9	9.9	ug/Kg	2	11/21/15	CE	SW8081B
Chlordane	ND	49	49	ug/Kg	2	11/21/15	CE	SW8081B
δ-BHC	ND	9.9	9.9	ug/Kg	2	11/21/15	CE	SW8081B
Dieldrin	ND	4.9	4.9	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan I	ND	9.9	9.9	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan II	ND	9.9	9.9	ug/Kg	2	11/21/15	CE	SW8081B
Endosulfan sulfate	ND	9.9	9.9	ug/Kg	2	11/21/15	CE	SW8081B
Endrin	ND	9.9	9.9	ug/Kg	2	11/21/15	CE	SW8081B
Endrin aldehyde	ND	9.9	9.9	ug/Kg	2	11/21/15	CE	SW8081B
Endrin ketone	ND	9.9	9.9	ug/Kg	2	11/21/15	CE	SW8081B
γ-BHC	ND	2.0	2.0	ug/Kg	2	11/21/15	CE	SW8081B
γ-Chlordane	ND	4.9	4.9	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor	ND	9.9	9.9	ug/Kg	2	11/21/15	CE	SW8081B
Heptachlor epoxide	ND	9.9	9.9	ug/Kg	2	11/21/15	CE	SW8081B
Methoxychlor	ND	49	49	ug/Kg	2	11/21/15	CE	SW8081B
Toxaphene	ND	200	200	ug/Kg	2	11/21/15	CE	SW8081B

QA/QC Surrogates

% DCBP	75			%	2	11/21/15	CE	30 - 150 %
% TCMX	68			%	2	11/21/15	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloroethene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
1,1-Dichloropropene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dibromoethane	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloroethane	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
1,2-Dichloropropane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
1,3-Dichloropropane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
2,2-Dichloropropane	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
2-Chlorotoluene	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
2-Hexanone	ND	36	7.3	ug/Kg	1	11/21/15	JLI	SW8260C
2-Isopropyltoluene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
4-Chlorotoluene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	36	7.3	ug/Kg	1	11/21/15	JLI	SW8260C
Acetone	23	JS 50	7.3	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	15	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Benzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Bromobenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Bromochloromethane	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Bromodichloromethane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Bromoform	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Bromomethane	ND	7.3	2.9	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon Disulfide	6.2	J 7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Carbon tetrachloride	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Chlorobenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroethane	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Chloroform	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Chloromethane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromochloromethane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Dibromomethane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Dichlorodifluoromethane	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Ethylbenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Hexachlorobutadiene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Isopropylbenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
m&p-Xylene	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	44	7.3	ug/Kg	1	11/21/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	15	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Methylene chloride	ND	7.3	7.3	ug/Kg	1	11/21/15	JLI	SW8260C
Naphthalene	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Butylbenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
n-Propylbenzene	ND	7.3	1.3	ug/Kg	1	11/21/15	JLI	SW8260C
o-Xylene	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
p-Isopropyltoluene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
sec-Butylbenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Styrene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
tert-Butylbenzene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrachloroethene	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	15	3.6	ug/Kg	1	11/21/15	JLI	SW8260C
Toluene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	15	3.6	ug/Kg	1	11/21/15	JLI	SW8260C
Trichloroethene	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorofluoromethane	ND	7.3	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Vinyl chloride	ND	7.3	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/21/15	JLI	70 - 130 %
% Dibromofluoromethane	100			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	58	ug/kg	1	11/21/15	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	94			%	1	11/21/15	JLI	70 - 130 %
% Bromofluorobenzene	99			%	1	11/21/15	JLI	70 - 130 %
% Toluene-d8	90			%	1	11/21/15	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	29	1.5	ug/Kg	1	11/21/15	JLI	SW8260C
Acrolein	ND	29	3.6	ug/Kg	1	11/21/15	JLI	SW8260C
Acrylonitrile	ND	29	0.73	ug/Kg	1	11/21/15	JLI	SW8260C
Tert-butyl alcohol	ND	150	29	ug/Kg	1	11/21/15	JLI	SW8260C
Volatile Library Search Top 10						Completed	11/23/15	JLI
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	350	170	ug/Kg	1	11/21/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	350	150	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Dichlorobenzene	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
1,3-Dichlorobenzene	ND	350	150	ug/Kg	1	11/21/15	DD	SW8270D
1,4-Dichlorobenzene	ND	350	150	ug/Kg	1	11/21/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	350	270	ug/Kg	1	11/21/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dichlorophenol	ND	350	170	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dimethylphenol	ND	350	120	ug/Kg	1	11/21/15	DD	SW8270D
2,4-Dinitrophenol	ND	990	350	ug/Kg	1	11/21/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4-Dinitrotoluene	ND	350	200	ug/Kg	1	11/21/15	DD	SW8270D
2,6-Dinitrotoluene	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
2-Chloronaphthalene	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
2-Chlorophenol	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylnaphthalene	ND	350	150	ug/Kg	1	11/21/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	230	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitroaniline	ND	990	500	ug/Kg	1	11/21/15	DD	SW8270D
2-Nitrophenol	ND	350	310	ug/Kg	1	11/21/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	350	200	ug/Kg	1	11/21/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	990	230	ug/Kg	1	11/21/15	DD	SW8270D
3-Nitroaniline	ND	990	990	ug/Kg	1	11/21/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2500	530	ug/Kg	1	11/21/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	350	150	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	350	170	ug/Kg	1	11/21/15	DD	SW8270D
4-Chloroaniline	ND	400	230	ug/Kg	1	11/21/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	350	170	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitroaniline	ND	990	170	ug/Kg	1	11/21/15	DD	SW8270D
4-Nitrophenol	ND	500	220	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthene	ND	350	150	ug/Kg	1	11/21/15	DD	SW8270D
Acenaphthylene	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
Acetophenone	ND	350	150	ug/Kg	1	11/21/15	DD	SW8270D
Aniline	ND	400	400	ug/Kg	1	11/21/15	DD	SW8270D
Anthracene	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
Benz(a)anthracene	ND	350	170	ug/Kg	1	11/21/15	DD	SW8270D
Benzidine	ND	990	290	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(a)pyrene	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(b)fluoranthene	ND	350	170	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(ghi)perylene	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
Benzo(k)fluoranthene	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
Benzoic acid	ND	2500	990	ug/Kg	1	11/21/15	DD	SW8270D
Benzyl butyl phthalate	ND	350	130	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	350	130	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
Carbazole	ND	2500	380	ug/Kg	1	11/21/15	DD	SW8270D
Chrysene	ND	350	170	ug/Kg	1	11/21/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	160	ug/Kg	1	11/21/15	DD	SW8270D
Dibenzofuran	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
Diethyl phthalate	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
Dimethylphthalate	ND	350	150	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-butylphthalate	ND	350	130	ug/Kg	1	11/21/15	DD	SW8270D
Di-n-octylphthalate	ND	350	130	ug/Kg	1	11/21/15	DD	SW8270D
Fluoranthene	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
Fluorene	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobenzene	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorobutadiene	ND	350	180	ug/Kg	1	11/21/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	350	150	ug/Kg	1	11/21/15	DD	SW8270D
Hexachloroethane	ND	350	150	ug/Kg	1	11/21/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
Isophorone	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
Naphthalene	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
Nitrobenzene	ND	350	170	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodimethylamine	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	350	160	ug/Kg	1	11/21/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	350	190	ug/Kg	1	11/21/15	DD	SW8270D
Pentachloronitrobenzene	ND	350	180	ug/Kg	1	11/21/15	DD	SW8270D
Pentachlorophenol	ND	350	190	ug/Kg	1	11/21/15	DD	SW8270D
Phenanthrene	ND	350	140	ug/Kg	1	11/21/15	DD	SW8270D
Phenol	ND	330	160	ug/Kg	1	11/21/15	DD	SW8270D
Pyrene	ND	350	170	ug/Kg	1	11/21/15	DD	SW8270D
Pyridine	ND	350	120	ug/Kg	1	11/21/15	DD	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	67			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorobiphenyl	44			%	1	11/21/15	DD	30 - 130 %
% 2-Fluorophenol	49			%	1	11/21/15	DD	30 - 130 %
% Nitrobenzene-d5	46			%	1	11/21/15	DD	30 - 130 %
% Phenol-d5	61			%	1	11/21/15	DD	30 - 130 %
% Terphenyl-d14	80			%	1	11/21/15	DD	30 - 130 %
SVOA Library Search Top 25	Completed					11/23/15	DD	1

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:

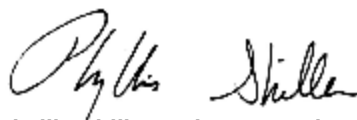
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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



Phyllis Shiller, Laboratory Director

December 16, 2015

Reviewed and Released by: Phyllis Shiller, Laboratory Director

15 B6 10-12

CLIENT ID

Client: EBC

SDG No.: GBK26739

Lab Sample ID: BK26746

Lab File ID: 1121M26.D

Date Received: 11/20/15

Date Analyzed: 11/21/15

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.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26748

Sample wt/vol: 7.64 (g/mL) g

Lab File ID: 1121M28.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec.	6

Date Analyzed: 11/21/15

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

Dilution Factor: 1

Soil Extract Volume: 5000 (uL)

Soil Aliquot Vol (uL): 5000

Number TICs found: 9

CONCENTRATION UNITS:

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

[illegible]

CLIENT ID

Client: EBC

SDG No.: GBK26739

Lab Sample ID: BK26749

Lab File ID: 1121M29.D

Date Received: 11/20/15

Date Analyzed: 11/21/15

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.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26751

Sample wt/vol: 6.48 (g/mL) g

Lab File ID: 1121M32.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec.	12

Date Analyzed: 11/21/15

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

Dilution Factor: 1

Soil Extract Volume: 5000 (uL)

Soil Aliquot Vol (uL): 5000

Number TICs found: 0

CONCENTRATION UNITS:

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

[illegible]

CLIENT ID

Client: EBC

SDG No.: GBK26739

Lab Sample ID: BK26754

Lab File ID: 1121M35.D

Date Received: 11/20/15

Date Analyzed: 11/21/15

Dilution Factor: 50

Soil Aliquot Vol (uL): 100

CONCENTRATION UNITS:

[illegible]

CLIENT ID

15 B6 3-5

Client: EBC

SAS No.:

SDG No.: GBK26739

Lab Sample ID: BK26739

Lab File ID: 1120_38.D

Date Received: 11/20/15

Date Extracted: 11/21/15

Date Analyzed: 11/21/2015

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.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26740

Sample wt/vol: 15.23 (g/mL) g

Lab File ID: 1120_39.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec. 38 decanted:(Y/N) NA

Date Extracted: 11/21/15

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

Date Analyzed: 11/21/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 2

(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

15 B7 6-8

Client: EBC

SAS No.:

SDG No.: GBK26739

Lab Sample ID: BK26741

Lab File ID: 1120_40.D

Date Received: 11/20/15

Date Extracted: 11/21/15

Date Analyzed: 11/21/2015

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.

CLIENT ID

15 B9 0-2

Client: EBC

SAS No.:

SDG No.: GBK26739

Lab Sample ID: BK26742

Lab File ID: 1120_43.D

Date Received: 11/20/15

Date Extracted: 11/21/15

Date Analyzed: 11/21/2015

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.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26743

Sample wt/vol: 15.23 (g/mL) g

Lab File ID: 1120_41.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec. 21 decanted:(Y/N) NA

Date Extracted: 11/21/15

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

Date Analyzed: 11/21/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 2

(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

15 B8 6-8

Client: EBC

SAS No.:

SDG No.: GBK26739

Lab Sample ID: BK26744

Lab File ID: 1123_20.D

Date Received: 11/20/15

Date Extracted: 11/23/15

Date Analyzed: 11/23/2015

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.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26746

Sample wt/vol: 15.42 (g/mL) g

Lab File ID: 1123_21.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec. 13 decanted:(Y/N) NA

Date Extracted: 11/23/15

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

Date Analyzed: 11/23/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 2

(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

15 B17 6-8

Client: EBC

SAS No.:

SDG No.: GBK26739

Lab Sample ID: BK26747

Lab File ID: 1120_45.D

Date Received: 11/20/15

Date Extracted: 11/21/15

Date Analyzed: 11/21/2015

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.

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26748

Sample wt/vol: 15.1 (g/mL) g

Lab File ID: 1123_22.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec. 6 decanted:(Y/N) NA

Date Extracted: 11/23/15

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

Date Analyzed: 11/23/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 2

(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.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26749

Sample wt/vol: 15.38 (g/mL) g

Lab File ID: 1123_23.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec. 12 decanted:(Y/N) NA

Date Extracted: 11/23/15

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

Date Analyzed: 11/23/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 1

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.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26750

Sample wt/vol: 15.41 (g/mL) g

Lab File ID: 1120_36.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec. 10 decanted:(Y/N) NA

Date Extracted: 11/21/15

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

Date Analyzed: 11/21/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 1

[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.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26751

Sample wt/vol: 15.21 (g/mL) g

Lab File ID: 1120_48.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec. 12 decanted:(Y/N) NA

Date Extracted: 11/21/15

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

Date Analyzed: 11/21/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:

Number TICs found: 1

(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.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26753

Sample wt/vol: 15.14 (g/mL) g

Lab File ID: 1123_25.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec. 17 decanted:(Y/N) NA

Date Extracted: 11/23/15

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

Date Analyzed: 11/23/2015

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

Lab Name: Phoenix Environmental Labs

Client: EBC

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26754

Sample wt/vol: 15.43 (g/mL) g

Lab File ID: 1123_26.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec. 10 decanted:(Y/N) NA

Date Extracted: 11/23/15

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

Date Analyzed: 11/23/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 2

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 1

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.: GBK26739

Matrix:(soil/water) SOIL

Lab Sample ID: BK26755

Sample wt/vol: 15.3 (g/mL) g

Lab File ID: 1120_51.D

Level: (low/med) Low

Date Received: 11/20/15

% Moisture: not dec. 34 decanted:(Y/N) NA

Date Extracted: 11/21/15

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

Date Analyzed: 11/21/2015

Conc. Extract Volume: 1000 (uL)

Dilution Factor 1

Injection Volume: 2 (uL)

CONCENTRATION UNITS:
(ug/L or ug/KG)

Number TICs found: 1

[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.



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

December 16, 2015

QA/QC Data

SDG I.D.: GBK26739

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 327516 (mg/kg), QC Sample No: BK26205 (BK26739, BK26740, BK26742, BK26743, BK26746, BK26748, BK26749, BK26750, BK26751, BK26754, BK26755)													
Mercury - Soil	BRL	0.06	1.39	0.95	37.6	113	109	3.6				75 - 125	30 r
QA/QC Batch 327457 (mg/kg), QC Sample No: BK26739 (BK26739, BK26740, BK26742, BK26743, BK26746, BK26748, BK26749, BK26750, BK26751, BK26754, BK26755)													
<u>ICP Metals - Soil</u>													
Aluminum	BRL	5.0	4000	3850	3.80	106	110	3.7	NC	NC	NC	80 - 120	30
Antimony	BRL	3.3	<1.8	<3.7	NC	88.3	89.4	1.2	86.1	85.4	0.8	70 - 130	30
Arsenic	BRL	0.67	11.9	8.89	29.0	97.2	99.6	2.4	91.5	89.6	2.1	80 - 120	30
Barium	BRL	0.33	53.3	48.3	9.80	109	109	0.0	89.4	88.4	1.1	80 - 120	30
Beryllium	BRL	0.27	0.18	0.15	NC	91.3	93.4	2.3	96.0	93.9	2.2	80 - 120	30
Cadmium	BRL	0.33	3.03	2.81	7.50	117	114	2.6	90.4	88.5	2.1	80 - 120	30
Calcium	BRL	5.0	4700	4790	1.90	89.1	92.9	4.2	NC	NC	NC	80 - 120	30
Chromium	BRL	0.33	28.2	24.0	16.1	97.6	103	5.4	101	94.5	6.6	80 - 120	30
Cobalt	BRL	0.33	48.7	44.7	8.60	110	111	0.9	92.5	90.2	2.5	80 - 120	30
Copper	BRL	0.33	64.6	39.9	47.3	90.4	94.1	4.0	104	85.6	19.4	80 - 120	30 r
Iron	BRL	5.0	139000	135000	2.90	100	110	9.5	NC	NC	NC	80 - 120	30
Lead	BRL	0.33	42.2	39.9	5.60	104	112	7.4	90.4	92.1	1.9	80 - 120	30
Magnesium	BRL	5.0	518	467	10.4	86.0	89.2	3.7	>130	>130	NC	80 - 120	30 m
Manganese	BRL	0.33	1660	1600	3.70	100	103	3.0	NC	NC	NC	80 - 120	30
Nickel	BRL	0.33	49.6	44.2	11.5	108	110	1.8	88.4	88.3	0.1	80 - 120	30
Potassium	BRL	5.0	334	326	2.40	99.7	103	3.3	119	>130	NC	80 - 120	30 m
Selenium	BRL	1.3	<1.4	<1.5	NC	93.7	94.8	1.2	81.4	79.3	2.6	80 - 120	30
Silver	BRL	0.33	<0.36	<0.37	NC	95.6	98.1	2.6	102	99.8	2.2	70 - 130	30
Sodium	BRL	5.0	149	143	4.10	117	107	8.9	>130	>130	NC	80 - 120	30 m
Thallium	BRL	3.0	<1.4	<3.4	NC	119	115	3.4	92.7	91.1	1.7	80 - 120	30
Vanadium	BRL	0.33	71.6	60.5	16.8	95.1	101	6.0	103	90.5	12.9	80 - 120	30
Zinc	BRL	0.33	<7.2	<3.7	NC	106	109	2.8	83.2	91.5	9.5	80 - 120	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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QA/QC Report

December 16, 2015

QA/QC Data

SDG I.D.: GBK26739

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 327639 (mg/Kg), QC Sample No: BK26739 50X (BK26739, BK26740, BK26742, BK26743, BK26746, BK26748, BK26749, BK26750, BK26751, BK26754, BK26755)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	0.667	1.10	NC	89.8			100			85 - 115	30



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QA/QC Report

December 16, 2015

QA/QC Data

SDG I.D.: GBK26739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 327570 (ug/kg), QC Sample No: BK26436 (BK26739)											
Volatiles - Solid											
1,1,1,2-Tetrachloroethane	ND	5.0	105	106	0.9	96	96	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	102	102	0.0	101	100	1.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	106	112	5.5	101	98	3.0	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	101	107	5.8	98	98	0.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	105	107	1.9	104	103	1.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	105	107	1.9	103	107	3.8	70 - 130	30	
1,1-Dichloropropene	ND	5.0	104	106	1.9	101	103	2.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	108	114	5.4	64	65	1.6	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	97	104	7.0	94	93	1.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	107	109	1.9	66	66	0.0	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	101	102	1.0	85	87	2.3	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	108	118	8.8	95	96	1.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	100	104	3.9	95	94	1.1	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	105	107	1.9	83	83	0.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	104	108	3.8	102	100	2.0	70 - 130	30	
1,2-Dichloropropane	ND	5.0	106	109	2.8	102	103	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	104	106	1.9	91	93	2.2	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	102	103	1.0	82	82	0.0	70 - 130	30	
1,3-Dichloropropane	ND	5.0	99	103	4.0	95	96	1.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	104	105	1.0	81	81	0.0	70 - 130	30	
1,4-dioxane	ND	100	105	118	11.7	108	98	9.7	70 - 130	30	
2,2-Dichloropropane	ND	5.0	105	106	0.9	97	100	3.0	70 - 130	30	
2-Chlorotoluene	ND	5.0	104	105	1.0	92	93	1.1	70 - 130	30	
2-Hexanone	ND	25	93	103	10.2	82	67	20.1	70 - 130	30	m
2-Isopropyltoluene	ND	5.0	109	111	1.8	93	95	2.1	70 - 130	30	
4-Chlorotoluene	ND	5.0	103	104	1.0	87	88	1.1	70 - 130	30	
4-Methyl-2-pentanone	ND	25	104	113	8.3	99	91	8.4	70 - 130	30	
Acetone	ND	10	79	88	10.8	78	79	1.3	70 - 130	30	
Acrolein	ND	25	96	104	8.0	40	27	38.8	70 - 130	30	m,r
Acrylonitrile	ND	5.0	104	114	9.2	101	95	6.1	70 - 130	30	
Benzene	ND	1.0	102	104	1.9	98	99	1.0	70 - 130	30	
Bromobenzene	ND	5.0	105	108	2.8	93	93	0.0	70 - 130	30	
Bromochloromethane	ND	5.0	102	106	3.8	102	99	3.0	70 - 130	30	
Bromodichloromethane	ND	5.0	110	113	2.7	100	102	2.0	70 - 130	30	
Bromoform	ND	5.0	109	115	5.4	88	88	0.0	70 - 130	30	
Bromomethane	ND	5.0	103	100	3.0	96	98	2.1	70 - 130	30	
Carbon Disulfide	ND	5.0	109	111	1.8	105	105	0.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	102	105	2.9	99	100	1.0	70 - 130	30	
Chlorobenzene	ND	5.0	101	102	1.0	91	93	2.2	70 - 130	30	
Chloroethane	ND	5.0	106	107	0.9	101	104	2.9	70 - 130	30	
Chloroform	ND	5.0	98	100	2.0	97	97	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBK26739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chloromethane	ND	5.0	107	108	0.9	101	100	1.0	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	103	107	3.8	102	101	1.0	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	109	112	2.7	98	98	0.0	70 - 130	30
Dibromochloromethane	ND	3.0	110	114	3.6	96	97	1.0	70 - 130	30
Dibromomethane	ND	5.0	105	108	2.8	100	101	1.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	110	111	0.9	102	103	1.0	70 - 130	30
Ethylbenzene	ND	1.0	102	102	0.0	92	95	3.2	70 - 130	30
Hexachlorobutadiene	ND	5.0	106	108	1.9	69	74	7.0	70 - 130	30
Isopropylbenzene	ND	1.0	104	105	1.0	95	98	3.1	70 - 130	30
m&p-Xylene	ND	2.0	99	101	2.0	89	91	2.2	70 - 130	30
Methyl ethyl ketone	ND	5.0	88	99	11.8	81	75	7.7	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	101	107	5.8	101	100	1.0	70 - 130	30
Methylene chloride	ND	5.0	91	93	2.2	91	89	2.2	70 - 130	30
Naphthalene	ND	5.0	113	122	7.7	80	78	2.5	70 - 130	30
n-Butylbenzene	ND	1.0	108	108	0.0	82	85	3.6	70 - 130	30
n-Propylbenzene	ND	1.0	100	99	1.0	87	89	2.3	70 - 130	30
o-Xylene	ND	2.0	105	106	0.9	92	95	3.2	70 - 130	30
p-Isopropyltoluene	ND	1.0	107	108	0.9	89	90	1.1	70 - 130	30
sec-Butylbenzene	ND	1.0	106	107	0.9	91	94	3.2	70 - 130	30
Styrene	ND	5.0	100	102	2.0	87	89	2.3	70 - 130	30
tert-butyl alcohol	ND	100	104	119	13.5	106	100	5.8	70 - 130	30
tert-Butylbenzene	ND	1.0	104	106	1.9	92	95	3.2	70 - 130	30
Tetrachloroethene	ND	5.0	107	108	0.9	98	102	4.0	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	99	107	7.8	100	98	2.0	70 - 130	30
Toluene	ND	1.0	106	109	2.8	93	94	1.1	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	109	109	0.0	106	108	1.9	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	107	110	2.8	95	96	1.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	115	124	7.5	99	97	2.0	70 - 130	30
Trichloroethene	ND	5.0	106	107	0.9	101	102	1.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	102	102	0.0	97	99	2.0	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	104	104	0.0	99	102	3.0	70 - 130	30
Vinyl chloride	ND	5.0	109	107	1.9	103	104	1.0	70 - 130	30
% 1,2-dichlorobenzene-d4	94	%	101	102	1.0	102	102	0.0	70 - 130	30
% Bromofluorobenzene	101	%	100	99	1.0	99	99	0.0	70 - 130	30
% Dibromofluoromethane	105	%	98	100	2.0	99	99	0.0	70 - 130	30
% Toluene-d8	90	%	104	105	1.0	103	104	1.0	70 - 130	30

QA/QC Batch 327453 (ug/Kg), QC Sample No: BK26750 2X (BK26739, BK26740, BK26742, BK26743, BK26746, BK26748, BK26749, BK26750, BK26751, BK26754, BK26755)

Pesticides - Solid

4,4' -DDD	ND	1.7	77	81	5.1	58	80	31.9	30 - 150	30	r
4,4' -DDE	ND	1.7	67	77	13.9	54	72	28.6	40 - 140	30	
4,4' -DDT	ND	1.7	76	80	5.1	59	81	31.4	30 - 150	30	r
a-BHC	ND	1.0	63	73	14.7	49	66	29.6	30 - 150	30	
a-Chlordane	ND	3.3	69	76	9.7	54	72	28.6	30 - 150	30	
Aldrin	ND	1.0	63	72	13.3	48	66	31.6	40 - 140	30	r
b-BHC	ND	1.0	69	73	5.6	53	68	24.8	30 - 150	30	
Chlordane	ND	3.3	67	72	7.2	52	69	28.1	30 - 150	30	
d-BHC	ND	3.3	56	61	8.5	43	57	28.0	30 - 150	30	
Dieldrin	ND	1.0	68	74	8.5	53	73	31.7	40 - 140	30	r
Endosulfan I	ND	3.3	74	78	5.3	56	78	32.8	30 - 150	30	r
Endosulfan II	ND	3.3	75	78	3.9	58	77	28.1	30 - 150	30	
Endosulfan sulfate	ND	3.3	79	96	19.4	65	82	23.1	40 - 140	30	

QA/QC Data

SDG I.D.: GBK26739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endrin	ND	3.3	72	76	5.4	57	77	29.9	40 - 140	30
Endrin aldehyde	ND	3.3	73	75	2.7	55	73	28.1	30 - 150	30
Endrin ketone	ND	3.3	80	83	3.7	60	80	28.6	30 - 150	30
g-BHC	ND	1.0	62	70	12.1	48	64	28.6	40 - 140	30
g-Chlordane	ND	3.3	67	72	7.2	52	69	28.1	40 - 140	30
Heptachlor	ND	3.3	65	74	12.9	51	69	30.0	40 - 140	30
Heptachlor epoxide	ND	3.3	70	78	10.8	55	73	28.1	30 - 150	30
Methoxychlor	ND	3.3	82	84	2.4	63	83	27.4	30 - 150	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	30 - 150	30
% DCBP	80	%	77	80	3.8	60	82	31.0	30 - 150	30
% TCMX	66	%	61	76	21.9	51	65	24.1	30 - 150	30

QA/QC Batch 327452 (ug/Kg), QC Sample No: BK26750 2X (BK26739, BK26740, BK26742, BK26743, BK26746, BK26748, BK26749, BK26750, BK26751, BK26754, BK26755)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	33	76	73	4.0	76	69	9.7	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	81	79	2.5	83	80	3.7	30 - 150	30
PCB-1262	ND	33							30 - 150	30
PCB-1268	ND	33							30 - 150	30
% DCBP (Surrogate Rec)	63	%	102	99	3.0	104	96	8.0	30 - 150	20
% TCMX (Surrogate Rec)	54	%	88	83	5.8	89	78	13.2	30 - 150	20

QA/QC Batch 327454 (ug/kg), QC Sample No: BK26750 (BK26739, BK26740, BK26741, BK26742, BK26743, BK26744, BK26746, BK26747, BK26748, BK26749, BK26750, BK26751, BK26752, BK26753, BK26754, BK26755)

Semivolatiles - Solid

1,2,4,5-Tetrachlorobenzene	ND	230	70			74	73	1.4	30 - 130	30
1,2,4-Trichlorobenzene	ND	230	63			67	69	2.9	30 - 130	30
1,2-Dichlorobenzene	ND	180	53			53	56	5.5	30 - 130	30
1,2-Diphenylhydrazine	ND	230	80			80	84	4.9	30 - 130	30
1,3-Dichlorobenzene	ND	230	47			49	52	5.9	30 - 130	30
1,4-Dichlorobenzene	ND	230	50			48	52	8.0	30 - 130	30
2,4,5-Trichlorophenol	ND	230	73			79	77	2.6	30 - 130	30
2,4,6-Trichlorophenol	ND	130	72			74	73	1.4	30 - 130	30
2,4-Dichlorophenol	ND	130	75			76	78	2.6	30 - 130	30
2,4-Dimethylphenol	ND	230	71			71	71	0.0	30 - 130	30
2,4-Dinitrophenol	ND	230	<10			58	52	10.9	30 - 130	30
2,4-Dinitrotoluene	ND	130	75			76	76	0.0	30 - 130	30
2,6-Dinitrotoluene	ND	130	72			72	73	1.4	30 - 130	30
2-Chloronaphthalene	ND	230	67			69	70	1.4	30 - 130	30
2-Chlorophenol	ND	230	61			62	66	6.3	30 - 130	30
2-Methylnaphthalene	ND	230	105			109	110	0.9	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	63			58	67	14.4	30 - 130	30
2-Nitroaniline	ND	330	70			81	77	5.1	30 - 130	30
2-Nitrophenol	ND	230	70			70	75	6.9	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	62			62	64	3.2	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	66			69	76	9.7	30 - 130	30
3-Nitroaniline	ND	330	78			73	72	1.4	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	30			74	68	8.5	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	71			72	74	2.7	30 - 130	30

QA/QC Data

SDG I.D.: GBK26739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chloro-3-methylphenol	ND	230	77			75	82	8.9	30 - 130	30	
4-Chloroaniline	ND	230	78			70	74	5.6	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	67			66	69	4.4	30 - 130	30	
4-Nitroaniline	ND	230	83			78	83	6.2	30 - 130	30	
4-Nitrophenol	ND	230	75			73	70	4.2	30 - 130	30	
Acenaphthene	ND	230	77			77	77	0.0	30 - 130	30	
Acenaphthylene	ND	130	71			75	76	1.3	30 - 130	30	
Acetophenone	ND	230	55			57	62	8.4	30 - 130	30	
Aniline	ND	330	53			52	51	1.9	30 - 130	30	
Anthracene	ND	230	73			74	77	4.0	30 - 130	30	
Benz(a)anthracene	ND	230	73			74	74	0.0	30 - 130	30	
Benzidine	ND	330	27			22	38	53.3	30 - 130	30	I,m,r
Benzo(a)pyrene	ND	130	75			75	76	1.3	30 - 130	30	
Benzo(b)fluoranthene	ND	160	78			73	78	6.6	30 - 130	30	
Benzo(ghi)perylene	ND	230	74			76	70	8.2	30 - 130	30	
Benzo(k)fluoranthene	ND	230	72			78	69	12.2	30 - 130	30	
Benzoic Acid	ND	330	<10			50	31	46.9	30 - 130	30	I,r
Benzyl butyl phthalate	ND	230	75			71	76	6.8	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	72			73	76	4.0	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	55			56	66	16.4	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	63			60	65	8.0	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	71			69	82	17.2	30 - 130	30	
Carbazole	ND	330	75			76	75	1.3	30 - 130	30	
Chrysene	ND	230	82			82	84	2.4	30 - 130	30	
Dibenz(a,h)anthracene	ND	130	74			73	71	2.8	30 - 130	30	
Dibenzofuran	ND	230	74			75	73	2.7	30 - 130	30	
Diethyl phthalate	ND	230	82			81	81	0.0	30 - 130	30	
Dimethylphthalate	ND	230	79			80	78	2.5	30 - 130	30	
Di-n-butylphthalate	ND	230	75			73	75	2.7	30 - 130	30	
Di-n-octylphthalate	ND	230	71			69	92	28.6	30 - 130	30	
Fluoranthene	ND	230	73			76	72	5.4	30 - 130	30	
Fluorene	ND	230	72			70	72	2.8	30 - 130	30	
Hexachlorobenzene	ND	130	74			70	74	5.6	30 - 130	30	
Hexachlorobutadiene	ND	230	59			63	64	1.6	30 - 130	30	
Hexachlorocyclopentadiene	ND	230	62			64	68	6.1	30 - 130	30	
Hexachloroethane	ND	130	51			50	56	11.3	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	73			78	73	6.6	30 - 130	30	
Isophorone	ND	130	65			68	69	1.5	30 - 130	30	
Naphthalene	ND	230	64			68	69	1.5	30 - 130	30	
Nitrobenzene	ND	130	61			62	67	7.8	30 - 130	30	
N-Nitrosodimethylamine	ND	230	32			33	38	14.1	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	65			63	68	7.6	30 - 130	30	
N-Nitrosodiphenylamine	ND	130	79			79	78	1.3	30 - 130	30	
Pentachloronitrobenzene	ND	230	73			75	75	0.0	30 - 130	30	
Pentachlorophenol	ND	230	57			71	68	4.3	30 - 130	30	
Phenanthrene	ND	130	74			74	75	1.3	30 - 130	30	
Phenol	ND	230	63			62	70	12.1	30 - 130	30	
Pyrene	ND	230	74			75	75	0.0	30 - 130	30	
Pyridine	ND	230	23			25	28	11.3	30 - 130	30	I,m
% 2,4,6-Tribromophenol	66	%	70			66	71	7.3	30 - 130	30	
% 2-Fluorobiphenyl	69	%	71			71	72	1.4	30 - 130	30	
% 2-Fluorophenol	57	%	51			53	57	7.3	30 - 130	30	
% Nitrobenzene-d5	60	%	54			57	62	8.4	30 - 130	30	

QA/QC Data

SDG I.D.: GBK26739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Phenol-d5	70	%	66			63	70	10.5	30 - 130	30
% Terphenyl-d14	78	%	68			70	70	0.0	30 - 130	30

Comment:

LCSD not reported for this batch.

QA/QC Batch 327561 (ug/kg), QC Sample No: BK26751 (BK26740, BK26741, BK26742, BK26743, BK26744, BK26746, BK26747, BK26748, BK26749, BK26750, BK26751, BK26752, BK26753, BK26754 (50X) , BK26755)

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	5.0	94	99	5.2	88	86	2.3	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	93	100	7.3	95	91	4.3	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	95	98	3.1	86	82	4.8	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	91	96	5.3	88	84	4.7	70 - 130	30	
1,1-Dichloroethane	ND	5.0	96	100	4.1	96	92	4.3	70 - 130	30	
1,1-Dichloroethene	ND	5.0	97	104	7.0	98	96	2.1	70 - 130	30	
1,1-Dichloropropene	ND	5.0	94	100	6.2	96	90	6.5	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	90	92	2.2	53	49	7.8	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	90	93	3.3	83	78	6.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	87	85	2.3	56	50	11.3	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	89	94	5.5	82	78	5.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	94	98	4.2	80	75	6.5	70 - 130	30	
1,2-Dibromoethane	ND	5.0	91	93	2.2	86	81	6.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	94	96	2.1	78	73	6.6	70 - 130	30	
1,2-Dichloroethane	ND	5.0	93	96	3.2	90	85	5.7	70 - 130	30	
1,2-Dichloropropane	ND	5.0	96	100	4.1	96	91	5.3	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	92	97	5.3	86	82	4.8	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	89	92	3.3	76	72	5.4	70 - 130	30	
1,3-Dichloropropane	ND	5.0	90	93	3.3	86	82	4.8	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	91	94	3.2	77	72	6.7	70 - 130	30	
1,4-dioxane	ND	100	94	82	13.6	90	88	2.2	70 - 130	30	
2,2-Dichloropropane	ND	5.0	92	102	10.3	93	90	3.3	70 - 130	30	
2-Chlorotoluene	ND	5.0	91	96	5.3	86	82	4.8	70 - 130	30	
2-Hexanone	ND	25	81	84	3.6	79	72	9.3	70 - 130	30	
2-Isopropyltoluene	ND	5.0	97	103	6.0	89	83	7.0	70 - 130	30	
4-Chlorotoluene	ND	5.0	89	93	4.4	82	78	5.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	90	93	3.3	86	81	6.0	70 - 130	30	
Acetone	ND	10	73	75	2.7	76	66	14.1	70 - 130	30	m
Acrolein	ND	25	87	88	1.1	68	64	6.1	70 - 130	30	m
Acrylonitrile	ND	5.0	92	91	1.1	84	79	6.1	70 - 130	30	
Benzene	ND	1.0	92	97	5.3	93	89	4.4	70 - 130	30	
Bromobenzene	ND	5.0	96	100	4.1	89	83	7.0	70 - 130	30	
Bromochloromethane	ND	5.0	92	95	3.2	89	86	3.4	70 - 130	30	
Bromodichloromethane	ND	5.0	97	103	6.0	93	91	2.2	70 - 130	30	
Bromoform	ND	5.0	93	97	4.2	79	77	2.6	70 - 130	30	
Bromomethane	ND	5.0	98	106	7.8	97	95	2.1	70 - 130	30	
Carbon Disulfide	ND	5.0	98	102	4.0	97	94	3.1	70 - 130	30	
Carbon tetrachloride	ND	5.0	94	101	7.2	93	90	3.3	70 - 130	30	
Chlorobenzene	ND	5.0	92	96	4.3	89	84	5.8	70 - 130	30	
Chloroethane	ND	5.0	99	106	6.8	98	94	4.2	70 - 130	30	
Chloroform	ND	5.0	91	96	5.3	90	87	3.4	70 - 130	30	
Chloromethane	ND	5.0	96	100	4.1	89	85	4.6	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	92	98	6.3	92	87	5.6	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	96	100	4.1	91	86	5.6	70 - 130	30	
Dibromochloromethane	ND	3.0	99	102	3.0	89	86	3.4	70 - 130	30	

QA/QC Data

SDG I.D.: GBK26739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dibromomethane	ND	5.0	93	96	3.2	89	85	4.6	70 - 130	30
Dichlorodifluoromethane	ND	5.0	102	112	9.3	92	89	3.3	70 - 130	30
Ethylbenzene	ND	1.0	91	97	6.4	90	85	5.7	70 - 130	30
Hexachlorobutadiene	ND	5.0	93	99	6.3	69	66	4.4	70 - 130	30
Isopropylbenzene	ND	1.0	94	101	7.2	92	87	5.6	70 - 130	30
m&p-Xylene	ND	2.0	89	94	5.5	88	83	5.8	70 - 130	30
Methyl ethyl ketone	ND	5.0	83	83	0.0	78	73	6.6	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	92	97	5.3	91	86	5.6	70 - 130	30
Methylene chloride	ND	5.0	86	90	4.5	89	84	5.8	70 - 130	30
Naphthalene	ND	5.0	93	95	2.1	66	60	9.5	70 - 130	30
n-Butylbenzene	ND	1.0	92	97	5.3	78	74	5.3	70 - 130	30
n-Propylbenzene	ND	1.0	88	94	6.6	85	80	6.1	70 - 130	30
o-Xylene	ND	2.0	95	97	2.1	92	86	6.7	70 - 130	30
p-Isopropyltoluene	ND	1.0	92	98	6.3	85	80	6.1	70 - 130	30
sec-Butylbenzene	ND	1.0	94	102	8.2	87	83	4.7	70 - 130	30
Styrene	ND	5.0	90	93	3.3	85	81	4.8	70 - 130	30
tert-butyl alcohol	ND	100	90	88	2.2	83	85	2.4	70 - 130	30
tert-Butylbenzene	ND	1.0	93	99	6.3	88	84	4.7	70 - 130	30
Tetrachloroethene	ND	5.0	96	100	4.1	95	90	5.4	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	88	90	2.2	84	77	8.7	70 - 130	30
Toluene	ND	1.0	96	100	4.1	96	91	5.3	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	98	102	4.0	97	94	3.1	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	93	96	3.2	87	82	5.9	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	97	102	5.0	86	82	4.8	70 - 130	30
Trichloroethene	ND	5.0	95	99	4.1	96	91	5.3	70 - 130	30
Trichlorofluoromethane	ND	5.0	96	102	6.1	98	93	5.2	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	96	102	6.1	98	94	4.2	70 - 130	30
Vinyl chloride	ND	5.0	99	106	6.8	97	92	5.3	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	103	102	1.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	98	%	98	99	1.0	101	98	3.0	70 - 130	30
% Dibromofluoromethane	104	%	103	102	1.0	100	94	6.2	70 - 130	30
% Toluene-d8	91	%	104	104	0.0	104	103	1.0	70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

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

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

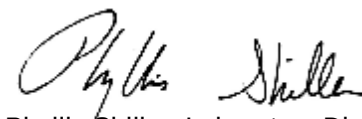
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

December 16, 2015

Sample Criteria Exceedences Report

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

GBK26739 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK26739	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	3.03	0.36	2.5	2.5	mg/Kg
BK26739	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	3.03	0.36	2.5	2.5	mg/Kg
BK26739	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	64.6	0.36	50	50	mg/kg
BK26739	MN-SM	Manganese	NY / 375-6.8 Metals / Unrestricted Use Soil	1660	36	1600	1600	mg/Kg
BK26739	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	49.6	0.36	30	30	mg/Kg
BK26740	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	32.8	0.51	30		mg/Kg
BK26742	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	2.98	0.35	2.5	2.5	mg/Kg
BK26742	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	2.98	0.35	2.5	2.5	mg/Kg
BK26742	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	45.9	0.35	30	30	mg/Kg
BK26744	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	110	50	50	50	ug/Kg
BK26744	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	110	50	50	50	ug/Kg
BK26746	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	22.8	0.7	16	16	mg/Kg
BK26746	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	22.8	0.7	16	16	mg/Kg
BK26746	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	22.8	0.7	16	16	mg/Kg
BK26746	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	22.8	0.7	13	13	mg/Kg
BK26746	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	3.55	0.36	2.5	2.5	mg/Kg
BK26746	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	3.55	0.36	2.5	2.5	mg/Kg
BK26746	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	45.9	0.36	30		mg/Kg
BK26746	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	42.8	0.36	30	30	mg/Kg
BK26748	AS-SM	Arsenic	NY / 375-6.8 Metals / Ground Water Protection	20.1	0.7	16	16	mg/Kg
BK26748	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	20.1	0.7	16	16	mg/Kg
BK26748	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	20.1	0.7	16	16	mg/Kg
BK26748	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	20.1	0.7	13	13	mg/Kg
BK26748	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	65.3	0.7	63	63	mg/Kg
BK26754	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Ground Water Protection	ND	230	120	120	ug/Kg
BK26754	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Ground Water Protection	ND	230	50	50	ug/Kg
BK26754	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Ground Water Protection	510	2300	50	50	ug/Kg
BK26754	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	230	50	50	ug/Kg
BK26754	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	510	2300	50	50	ug/Kg
BK26754	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	230	120	120	ug/Kg
BK26754	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	720	330	330	ug/Kg
BK26754	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Ground Water Protection	ND	720	330	330	ug/Kg
BK26754	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1300	2500	1000	1000	ug/Kg
BK26754	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1200	1100	1000	1000	ug/Kg
BK26754	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	720	330	330	ug/Kg
BK26754	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1300	2500	1000	1000	ug/Kg
BK26754	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	720	500	500	ug/Kg

Sample Criteria Exceedences Report

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

GBK26739 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK26754	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1200	1100	1000	1000	ug/Kg
BK26754	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	720	500	500	ug/Kg
BK26754	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	720	330	330	ug/Kg
BK26754	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1300	2500	1000	1000	ug/Kg
BK26754	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	1100	1000	1000	ug/Kg
BK26754	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	2500	1000	1000	ug/Kg
BK26754	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	720	330	330	ug/Kg
BK26754	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	720	500	500	ug/Kg
BK26754	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	720	330	330	ug/Kg
BK26754	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	720	330	330	ug/Kg
BK26754	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Ground Water Protection	ND	1800	100	100	ug/kg
BK26754	\$DIOX_SM	1,4-dioxane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1800	100	100	ug/kg
BK26754	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	2.54	0.38	2.5	2.5	mg/Kg
BK26754	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	2.54	0.38	2.5	2.5	mg/Kg
BK26754	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	155	7.5	63	63	mg/Kg
BK26755	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	35.4	0.49	30		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

December 16, 2015

SDG I.D.: GBK26739

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



NY/NJ CHAIN OF CUSTODY RECORD

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

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

Project: 2401 3rd Ave, Bronx, 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 Surcan Date: 11/19/15

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
15B6 3-5	S	11/20	
15B6 10-12			
15B7 6-8			
15B9 0-2			
15B9 6-8			
15B9 6-8			
15B10 3-5			
15B10 6-8			
15B17 6-8			
15B18 0-2			
15B18 6-8			

Relinquished by:

Accepted by:

Date:

Time:

Turnaround:

NJ Res. Criteria

NY NY 375 GWP

Data Format

Phoenix Std Report
Excel
PDF
GIS/Key
EQUIS
NJ Hazsite EDD
NY EZ EDD (ASP)
Other

Comments, Special Requirements or Regulations:

*RCVd 2 jars 30 VOA(S)
**RCVd jar 3 VOA(S) labeled
B10 6-8 and B10 3-5 (CP)

State where samples were collected: NY

Data Package

NJ Reduced Deliv.
NY Enhanced (ASP B)
Other

GBK 26739

Shannon - Phoenixlabs

From: Shannon - Phoenixlabs [shannon@phoenixlabs.com]
Sent: Monday, November 23, 2015 11:12 AM
To: 'Kevin Brussee'
Cc: 'Kevin Waters'
Subject: FW: Extra samples-2401 3rd Ave Bronx
Attachments: GBK26739-ChainofCustody-1.pdf

Importance: High

We also received 2 jars & 6 vials labeled 15 B10 3-5. Please let me know how you want us to proceed with this one.
Thanks.

From: Shannon - Phoenixlabs [mailto:shannon@phoenixlabs.com]
Sent: Monday, November 23, 2015 11:07 AM
To: 'Kevin Brussee'
Cc: 'Kevin Waters'
Subject: Extra samples-2401 3rd Ave Bronx
Importance: High

Good Morning,

Please see attached regarding samples from Friday. We received an extra set of samples labeled B16 6-8 & B16 3-5 not listed on the chain of custody. Please let me know how you want to proceed. Thank you.

Shannon Wilhelm
Phoenix Environmental Labs



Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Coolant: Yes ☒ No ☐
Temp: 4 °C Pg 1 of 2
Contact Options:
☐ Fax: 631-504-6000
☒ Phone: 631-504-6000
☒ Email: File

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

Project: 2401 3rd Ave, Box 1K
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: [Signature] Date: 11/19/05
Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	Soil VOA Vials	GL Soil container	40 ml VOA Vial	GL Amber 1000ml	PL As is	PL H2SO4	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
210739	15B6 3-5	S	11/20		VOCS + LOTIC 82700 SVOCs + 20 Metals 60106 Pesticides/PLR 74778 Mercury 74778 Cyanide	1	1	1	1	1	1	1	1	1
210740	15B6 10-12													
210741	15B7 6-8													
210742	15B9 0-2													
210743	15B9 6-8													
210744	15B9 6-8													
210745	15B10 3-5													
210746	15B10 6-8													
210747	15B17 6-8													
210748	15B19 0-2													
210749	15B18 6-8													

Relinquished by: [Signature] Accepted by: [Signature]
Date: 11-20-05 Time: 11:05
Date: 11-20-05 Time: 11:47

Comments, Special Requirements or Regulations:

*1CND 2 jars 30 VOA (CP) Disard samples per
**1CND jar 3 VOA 5 labeled Grey C/B/C
Bio 0-8 and Bio 3-5 (CP) 12-7-15

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

• SURCHARGE APPLIES

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

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

Data Format: ☒ Phoenix Std Report ☒ Excel ☒ PDF ☒ GIS/Key ☒ EQUIS ☒ NY Hazle EDD ☒ NY EZ EDD (ASP) ☐ Other

State where samples were collected: NY

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



Friday, January 08, 2016

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

Project ID: 2401 3RD AVE BRONX NY
Sample ID#s: BK45666 - BK45667

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.

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

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



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



SDG Comments

January 08, 2016

SDG I.D.: GBK45666

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.



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

Custody Information

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

Date

12/30/15
01/04/16

Time

14:00
14:14

Laboratory Data

SDG ID: GBK45666
Phoenix ID: BK45666

Project ID: 2401 3RD AVE BRONX NY
Client ID: GRADE BEAM EP

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.47	0.47	0.47	mg/Kg	1	01/05/16	LK	SW6010C
Aluminum	18200	47	9.4	mg/Kg	10	01/05/16	LK	SW6010C
Arsenic	10.0	0.9	0.94	mg/Kg	1	01/05/16	LK	SW6010C
Barium	61.0	0.9	0.47	mg/Kg	1	01/05/16	LK	SW6010C
Beryllium	0.59	0.38	0.19	mg/Kg	1	01/05/16	LK	SW6010C
Calcium	3110	4.7	4.3	mg/Kg	1	01/05/16	LK	SW6010C
Cadmium	1.02	0.47	0.19	mg/Kg	1	01/05/16	LK	SW6010C
Cobalt	9.67	0.47	0.47	mg/Kg	1	01/05/16	LK	SW6010C
Chromium	34.4	0.47	0.47	mg/Kg	1	01/05/16	LK	SW6010C
Copper	14.9	0.47	0.47	mg/kg	1	01/06/16	EK	SW6010C
Iron	40200	47	47	mg/Kg	10	01/05/16	LK	SW6010C
Mercury	0.05	0.04	0.02	mg/Kg	1	01/05/16	RS	SW7471B
Potassium	5240	94	37	mg/Kg	10	01/05/16	LK	SW6010C
Magnesium	7630	47	47	mg/Kg	10	01/05/16	LK	SW6010C
Manganese	323	4.7	4.7	mg/Kg	10	01/05/16	LK	SW6010C
Sodium	801	9	4.1	mg/Kg	1	01/05/16	LK	SW6010C
Nickel	21.1	0.47	0.47	mg/Kg	1	01/05/16	LK	SW6010C
Lead	29.6	0.9	0.47	mg/Kg	1	01/05/16	LK	SW6010C
Antimony	< 2.4	2.4	2.4	mg/Kg	1	01/05/16	LK	SW6010C
Selenium	< 1.9	1.9	1.6	mg/Kg	1	01/05/16	LK	SW6010C
Thallium	< 1.9	1.9	1.9	mg/Kg	1	01/05/16	LK	SW6010C
Vanadium	45.4	0.5	0.47	mg/Kg	1	01/05/16	LK	SW6010C
Zinc	60.8	0.9	0.47	mg/Kg	1	01/05/16	LK	SW6010C
Percent Solid	68			%		01/04/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					01/04/16	JJ	SW3545A
Soil Extraction for Pest	Completed					01/04/16	JJ/V	SW3545A
Soil Extraction for SVOA	Completed					01/04/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					01/05/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					01/04/16	G/AG	SW3050B
Field Extraction	Completed					12/30/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	48	48	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1221	ND	48	48	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1232	ND	48	48	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1242	ND	48	48	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1248	ND	48	48	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1254	ND	48	48	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1260	ND	48	48	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1262	ND	48	48	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1268	ND	48	48	ug/Kg	2	01/05/16	AW	SW8082A

QA/QC Surrogates

% DCBP	63			%	2	01/05/16	AW	30 - 150 %
% TCMX	61			%	2	01/05/16	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.9	2.9	ug/Kg	2	01/05/16	CE	SW8081B
4,4' -DDE	ND	2.9	2.9	ug/Kg	2	01/05/16	CE	SW8081B
4,4' -DDT	ND	2.9	2.9	ug/Kg	2	01/05/16	CE	SW8081B
α-BHC	ND	9.5	9.5	ug/Kg	2	01/05/16	CE	SW8081B
α-Chlordane	ND	4.8	4.8	ug/Kg	2	01/05/16	CE	SW8081B
Aldrin	ND	4.8	4.8	ug/Kg	2	01/05/16	CE	SW8081B
β-BHC	ND	9.5	9.5	ug/Kg	2	01/05/16	CE	SW8081B
Chlordane	ND	48	48	ug/Kg	2	01/05/16	CE	SW8081B
δ-BHC	ND	9.5	9.5	ug/Kg	2	01/05/16	CE	SW8081B
Dieldrin	ND	4.8	4.8	ug/Kg	2	01/05/16	CE	SW8081B
Endosulfan I	ND	9.5	9.5	ug/Kg	2	01/05/16	CE	SW8081B
Endosulfan II	ND	9.5	9.5	ug/Kg	2	01/05/16	CE	SW8081B
Endosulfan sulfate	ND	9.5	9.5	ug/Kg	2	01/05/16	CE	SW8081B
Endrin	ND	9.5	9.5	ug/Kg	2	01/05/16	CE	SW8081B
Endrin aldehyde	ND	9.5	9.5	ug/Kg	2	01/05/16	CE	SW8081B
Endrin ketone	ND	9.5	9.5	ug/Kg	2	01/05/16	CE	SW8081B
γ-BHC	ND	1.9	1.9	ug/Kg	2	01/05/16	CE	SW8081B
γ-Chlordane	ND	4.8	4.8	ug/Kg	2	01/05/16	CE	SW8081B
Heptachlor	ND	9.5	9.5	ug/Kg	2	01/05/16	CE	SW8081B
Heptachlor epoxide	ND	9.5	9.5	ug/Kg	2	01/05/16	CE	SW8081B
Methoxychlor	ND	48	48	ug/Kg	2	01/05/16	CE	SW8081B
Toxaphene	ND	190	190	ug/Kg	2	01/05/16	CE	SW8081B

QA/QC Surrogates

% DCBP	66			%	2	01/05/16	CE	30 - 150 %
% TCMX	60			%	2	01/05/16	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	360	73	ug/Kg	50	01/04/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,1-Dichloroethane	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
1,1-Dichloropropene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	360	73	ug/Kg	50	01/04/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	360	73	ug/Kg	50	01/04/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	360	73	ug/Kg	50	01/04/16	JLI	SW8260C
1,2-Dibromoethane	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
1,2-Dichloroethane	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
1,2-Dichloropropane	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
1,3-Dichloropropane	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
2,2-Dichloropropane	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
2-Chlorotoluene	ND	360	73	ug/Kg	50	01/04/16	JLI	SW8260C
2-Hexanone	ND	30	6.0	ug/Kg	1	01/04/16	JLI	SW8260C
2-Isopropyltoluene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
4-Chlorotoluene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	30	6.0	ug/Kg	1	01/04/16	JLI	SW8260C
Acetone	25	JS 50	6.0	ug/Kg	1	01/04/16	JLI	SW8260C
Acrylonitrile	ND	12	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Benzene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
Bromobenzene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
Bromochloromethane	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
Bromodichloromethane	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Bromoform	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Bromomethane	ND	6.0	2.4	ug/Kg	1	01/04/16	JLI	SW8260C
Carbon Disulfide	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Carbon tetrachloride	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Chlorobenzene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
Chloroethane	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
Chloroform	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
Chloromethane	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
Dibromochloromethane	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Dibromomethane	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Dichlorodifluoromethane	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
Ethylbenzene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
Hexachlorobutadiene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
Isopropylbenzene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
m&p-Xylene	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	36	6.0	ug/Kg	1	01/04/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Methylene chloride	ND	6.0	6.0	ug/Kg	1	01/04/16	JLI	SW8260C
Naphthalene	ND	360	73	ug/Kg	50	01/04/16	JLI	SW8260C
n-Butylbenzene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	360	65	ug/Kg	50	01/04/16	JLI	SW8260C
o-Xylene	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
p-Isopropyltoluene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
sec-Butylbenzene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
Styrene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
tert-Butylbenzene	ND	360	36	ug/Kg	50	01/04/16	JLI	SW8260C
Tetrachloroethene	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	3.0	ug/Kg	1	01/04/16	JLI	SW8260C
Toluene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	730	180	ug/Kg	50	01/04/16	JLI	SW8260C
Trichloroethene	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
Trichlorofluoromethane	ND	6.0	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
Vinyl chloride	ND	6.0	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	50	01/04/16	JLI	70 - 130 %
% Bromofluorobenzene	96			%	50	01/04/16	JLI	70 - 130 %
% Dibromofluoromethane	97			%	1	01/04/16	JLI	70 - 130 %
% Toluene-d8	98			%	1	01/04/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	48	ug/kg	1	01/04/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	104			%	1	01/04/16	JLI	70 - 130 %
% Bromofluorobenzene	83			%	1	01/04/16	JLI	70 - 130 %
% Toluene-d8	98			%	1	01/04/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	24	1.2	ug/Kg	1	01/04/16	JLI	SW8260C
Acrolein	ND	24	3.0	ug/Kg	1	01/04/16	JLI	SW8260C
Acrylonitrile	ND	24	0.60	ug/Kg	1	01/04/16	JLI	SW8260C
Tert-butyl alcohol	ND	120	24	ug/Kg	1	01/04/16	JLI	SW8260C
Client MS/MSD	Completed					01/05/16		
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
1,2-Dichlorobenzene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
1,3-Dichlorobenzene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
1,4-Dichlorobenzene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	340	270	ug/Kg	1	01/04/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
2,4-Dichlorophenol	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
2,4-Dimethylphenol	ND	340	120	ug/Kg	1	01/04/16	DD	SW8270D
2,4-Dinitrophenol	ND	980	340	ug/Kg	1	01/04/16	DD	SW8270D
2,4-Dinitrotoluene	ND	340	190	ug/Kg	1	01/04/16	DD	SW8270D
2,6-Dinitrotoluene	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chloronaphthalene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
2-Chlorophenol	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
2-Methylnaphthalene	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	230	ug/Kg	1	01/04/16	DD	SW8270D
2-Nitroaniline	ND	980	490	ug/Kg	1	01/04/16	DD	SW8270D
2-Nitrophenol	ND	340	310	ug/Kg	1	01/04/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	340	190	ug/Kg	1	01/04/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	980	230	ug/Kg	1	01/04/16	DD	SW8270D
3-Nitroaniline	ND	980	980	ug/Kg	1	01/04/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2400	530	ug/Kg	1	01/04/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
4-Chloroaniline	ND	390	230	ug/Kg	1	01/04/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
4-Nitroaniline	ND	980	160	ug/Kg	1	01/04/16	DD	SW8270D
4-Nitrophenol	ND	490	220	ug/Kg	1	01/04/16	DD	SW8270D
Acenaphthene	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Acenaphthylene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Acetophenone	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Aniline	ND	390	390	ug/Kg	1	01/04/16	DD	SW8270D
Anthracene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Benz(a)anthracene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Benzidine	ND	980	290	ug/Kg	1	01/04/16	DD	SW8270D
Benzo(a)pyrene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Benzo(b)fluoranthene	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
Benzo(ghi)perylene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Benzo(k)fluoranthene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Benzoic acid	ND	2400	980	ug/Kg	1	01/04/16	DD	SW8270D
Benzyl butyl phthalate	ND	340	130	ug/Kg	1	01/04/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	340	130	ug/Kg	1	01/04/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Carbazole	ND	2400	370	ug/Kg	1	01/04/16	DD	SW8270D
Chrysene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	160	ug/Kg	1	01/04/16	DD	SW8270D
Dibenzofuran	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Diethyl phthalate	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Dimethylphthalate	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Di-n-butylphthalate	ND	340	130	ug/Kg	1	01/04/16	DD	SW8270D
Di-n-octylphthalate	ND	340	130	ug/Kg	1	01/04/16	DD	SW8270D
Fluoranthene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Fluorene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Hexachlorobenzene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Hexachlorobutadiene	ND	340	180	ug/Kg	1	01/04/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Hexachloroethane	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Isophorone	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Naphthalene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Nitrobenzene	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
N-Nitrosodimethylamine	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	340	190	ug/Kg	1	01/04/16	DD	SW8270D
Pentachloronitrobenzene	ND	340	180	ug/Kg	1	01/04/16	DD	SW8270D
Pentachlorophenol	ND	340	180	ug/Kg	1	01/04/16	DD	SW8270D
Phenanthrene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Phenol	ND	330	160	ug/Kg	1	01/04/16	DD	SW8270D
Pyrene	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
Pyridine	ND	340	120	ug/Kg	1	01/04/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	63			%	1	01/04/16	DD	30 - 130 %
% 2-Fluorobiphenyl	48			%	1	01/04/16	DD	30 - 130 %
% 2-Fluorophenol	47			%	1	01/04/16	DD	30 - 130 %
% Nitrobenzene-d5	52			%	1	01/04/16	DD	30 - 130 %
% Phenol-d5	53			%	1	01/04/16	DD	30 - 130 %
% Terphenyl-d14	74			%	1	01/04/16	DD	30 - 130 %

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

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

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

Comments:

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

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

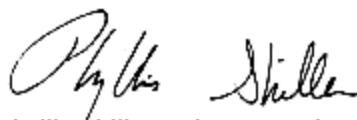
Volatile Comment:

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 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President



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

Custody Information

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

Date

12/30/15
01/04/16

Time

14:00
14:14

Laboratory Data

SDG ID: GBK45666
Phoenix ID: BK45667

Project ID: 2401 3RD AVE BRONX NY
Client ID: SOIL DUPLICATE 12-30

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.50	0.50	0.50	mg/Kg	1	01/05/16	LK	SW6010C
Aluminum	18000	50	10	mg/Kg	10	01/05/16	LK	SW6010C
Arsenic	10.8	1.0	1.0	mg/Kg	1	01/05/16	LK	SW6010C
Barium	60.5	1.0	0.50	mg/Kg	1	01/05/16	LK	SW6010C
Beryllium	0.66	0.40	0.20	mg/Kg	1	01/05/16	LK	SW6010C
Calcium	3270	5.0	4.6	mg/Kg	1	01/05/16	LK	SW6010C
Cadmium	1.04	0.50	0.20	mg/Kg	1	01/05/16	LK	SW6010C
Cobalt	9.71	0.50	0.50	mg/Kg	1	01/05/16	LK	SW6010C
Chromium	35.6	0.50	0.50	mg/Kg	1	01/05/16	LK	SW6010C
Copper	14.5	0.50	0.50	mg/kg	1	01/06/16	EK	SW6010C
Iron	39100	50	50	mg/Kg	10	01/05/16	LK	SW6010C
Mercury	0.05	0.04	0.02	mg/Kg	1	01/05/16	RS	SW7471B
Potassium	5040	100	39	mg/Kg	10	01/05/16	LK	SW6010C
Magnesium	7410	5.0	5.0	mg/Kg	1	01/05/16	LK	SW6010C
Manganese	302	5.0	5.0	mg/Kg	10	01/05/16	LK	SW6010C
Sodium	651	10	4.3	mg/Kg	1	01/05/16	LK	SW6010C
Nickel	21.6	0.50	0.50	mg/Kg	1	01/05/16	LK	SW6010C
Lead	33.6	1.0	0.50	mg/Kg	1	01/05/16	LK	SW6010C
Antimony	< 2.5	2.5	2.5	mg/Kg	1	01/05/16	LK	SW6010C
Selenium	< 2.0	2.0	1.7	mg/Kg	1	01/05/16	LK	SW6010C
Thallium	< 2.0	2.0	2.0	mg/Kg	1	01/05/16	LK	SW6010C
Vanadium	48.0	0.5	0.50	mg/Kg	1	01/05/16	LK	SW6010C
Zinc	63.2	1.0	0.50	mg/Kg	1	01/05/16	LK	SW6010C
Percent Solid	68			%		01/04/16	W	SW846-%Solid
Soil Extraction for PCB	Completed					01/04/16	JJ	SW3545A
Soil Extraction for Pest	Completed					01/04/16	JJ/V	SW3545A
Soil Extraction for SVOA	Completed					01/04/16	JJ/CKV	SW3545A
Mercury Digestion	Completed					01/05/16	W/W	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					01/04/16	G/AG	SW3050B
Field Extraction	Completed					12/30/15		SW5035A

Polychlorinated Biphenyls

PCB-1016	ND	49	49	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1221	ND	49	49	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1232	ND	49	49	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1242	ND	49	49	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1248	ND	49	49	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1254	ND	49	49	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1260	ND	49	49	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1262	ND	49	49	ug/Kg	2	01/05/16	AW	SW8082A
PCB-1268	ND	49	49	ug/Kg	2	01/05/16	AW	SW8082A

QA/QC Surrogates

% DCBP	78			%	2	01/05/16	AW	30 - 150 %
% TCMX	77			%	2	01/05/16	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.9	2.9	ug/Kg	2	01/05/16	CE	SW8081B
4,4' -DDE	ND	2.9	2.9	ug/Kg	2	01/05/16	CE	SW8081B
4,4' -DDT	ND	2.9	2.9	ug/Kg	2	01/05/16	CE	SW8081B
a-BHC	ND	9.7	9.7	ug/Kg	2	01/05/16	CE	SW8081B
a-Chlordane	ND	4.9	4.9	ug/Kg	2	01/05/16	CE	SW8081B
Aldrin	ND	4.9	4.9	ug/Kg	2	01/05/16	CE	SW8081B
b-BHC	ND	9.7	9.7	ug/Kg	2	01/05/16	CE	SW8081B
Chlordane	ND	49	49	ug/Kg	2	01/05/16	CE	SW8081B
d-BHC	ND	9.7	9.7	ug/Kg	2	01/05/16	CE	SW8081B
Dieldrin	ND	4.9	4.9	ug/Kg	2	01/05/16	CE	SW8081B
Endosulfan I	ND	9.7	9.7	ug/Kg	2	01/05/16	CE	SW8081B
Endosulfan II	ND	9.7	9.7	ug/Kg	2	01/05/16	CE	SW8081B
Endosulfan sulfate	ND	9.7	9.7	ug/Kg	2	01/05/16	CE	SW8081B
Endrin	ND	9.7	9.7	ug/Kg	2	01/05/16	CE	SW8081B
Endrin aldehyde	ND	9.7	9.7	ug/Kg	2	01/05/16	CE	SW8081B
Endrin ketone	ND	9.7	9.7	ug/Kg	2	01/05/16	CE	SW8081B
g-BHC	ND	1.9	1.9	ug/Kg	2	01/05/16	CE	SW8081B
g-Chlordane	ND	4.9	4.9	ug/Kg	2	01/05/16	CE	SW8081B
Heptachlor	ND	9.7	9.7	ug/Kg	2	01/05/16	CE	SW8081B
Heptachlor epoxide	ND	9.7	9.7	ug/Kg	2	01/05/16	CE	SW8081B
Methoxychlor	ND	49	49	ug/Kg	2	01/05/16	CE	SW8081B
Toxaphene	ND	190	190	ug/Kg	2	01/05/16	CE	SW8081B

QA/QC Surrogates

% DCBP	77			%	2	01/05/16	CE	30 - 150 %
% TCMX	63			%	2	01/05/16	CE	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,1,1-Trichloroethane	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,1,2-Trichloroethane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,1-Dichloroethane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,1-Dichloroethene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
1,1-Dichloropropene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,2,3-Trichloropropane	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,2-Dibromoethane	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
1,2-Dichlorobenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
1,2-Dichloroethane	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
1,2-Dichloropropane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
1,3-Dichlorobenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
1,3-Dichloropropane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
1,4-Dichlorobenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
2,2-Dichloropropane	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
2-Chlorotoluene	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
2-Hexanone	ND	55	11	ug/Kg	1	01/04/16	JLI	SW8260C
2-Isopropyltoluene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
4-Chlorotoluene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
4-Methyl-2-pentanone	ND	55	11	ug/Kg	1	01/04/16	JLI	SW8260C
Acetone	30	JS 50	11	ug/Kg	1	01/04/16	JLI	SW8260C
Acrylonitrile	ND	22	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Benzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Bromobenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Bromochloromethane	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Bromodichloromethane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Bromoform	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Bromomethane	ND	11	4.4	ug/Kg	1	01/04/16	JLI	SW8260C
Carbon Disulfide	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Carbon tetrachloride	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Chlorobenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Chloroethane	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Chloroform	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Chloromethane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
cis-1,2-Dichloroethene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
cis-1,3-Dichloropropene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Dibromochloromethane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Dibromomethane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Dichlorodifluoromethane	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Ethylbenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Hexachlorobutadiene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Isopropylbenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
m&p-Xylene	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Methyl Ethyl Ketone	ND	66	11	ug/Kg	1	01/04/16	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	22	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Methylene chloride	ND	11	11	ug/Kg	1	01/04/16	JLI	SW8260C
Naphthalene	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
n-Butylbenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
n-Propylbenzene	ND	11	2.0	ug/Kg	1	01/04/16	JLI	SW8260C
o-Xylene	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
p-Isopropyltoluene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
sec-Butylbenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Styrene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
tert-Butylbenzene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Tetrachloroethene	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Tetrahydrofuran (THF)	ND	22	5.5	ug/Kg	1	01/04/16	JLI	SW8260C
Toluene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
trans-1,2-Dichloroethene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
trans-1,3-Dichloropropene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	22	5.5	ug/Kg	1	01/04/16	JLI	SW8260C
Trichloroethene	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Trichlorofluoromethane	ND	11	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Trichlorotrifluoroethane	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Vinyl chloride	ND	11	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	01/04/16	JLI	70 - 130 %
% Bromofluorobenzene	86			%	1	01/04/16	JLI	70 - 130 %
% Dibromofluoromethane	93			%	1	01/04/16	JLI	70 - 130 %
% Toluene-d8	97			%	1	01/04/16	JLI	70 - 130 %
<u>1,4-dioxane</u>								
1,4-dioxane	ND	100	88	ug/kg	1	01/04/16	JLI	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	01/04/16	JLI	70 - 130 %
% Bromofluorobenzene	86			%	1	01/04/16	JLI	70 - 130 %
% Toluene-d8	97			%	1	01/04/16	JLI	70 - 130 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	44	2.2	ug/Kg	1	01/04/16	JLI	SW8260C
Acrolein	ND	44	5.5	ug/Kg	1	01/04/16	JLI	SW8260C
Acrylonitrile	ND	44	1.1	ug/Kg	1	01/04/16	JLI	SW8260C
Tert-butyl alcohol	ND	220	44	ug/Kg	1	01/04/16	JLI	SW8260C
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
1,2,4-Trichlorobenzene	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
1,2-Dichlorobenzene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
1,2-Diphenylhydrazine	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
1,3-Dichlorobenzene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
1,4-Dichlorobenzene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
2,4,5-Trichlorophenol	ND	340	270	ug/Kg	1	01/04/16	DD	SW8270D
2,4,6-Trichlorophenol	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
2,4-Dichlorophenol	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
2,4-Dimethylphenol	ND	340	120	ug/Kg	1	01/04/16	DD	SW8270D
2,4-Dinitrophenol	ND	980	340	ug/Kg	1	01/04/16	DD	SW8270D
2,4-Dinitrotoluene	ND	340	190	ug/Kg	1	01/04/16	DD	SW8270D
2,6-Dinitrotoluene	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
2-Chloronaphthalene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2-Chlorophenol	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
2-Methylnaphthalene	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
2-Methylphenol (o-cresol)	ND	330	230	ug/Kg	1	01/04/16	DD	SW8270D
2-Nitroaniline	ND	980	490	ug/Kg	1	01/04/16	DD	SW8270D
2-Nitrophenol	ND	340	310	ug/Kg	1	01/04/16	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	340	190	ug/Kg	1	01/04/16	DD	SW8270D
3,3'-Dichlorobenzidine	ND	980	230	ug/Kg	1	01/04/16	DD	SW8270D
3-Nitroaniline	ND	980	980	ug/Kg	1	01/04/16	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	2400	530	ug/Kg	1	01/04/16	DD	SW8270D
4-Bromophenyl phenyl ether	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
4-Chloro-3-methylphenol	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
4-Chloroaniline	ND	390	230	ug/Kg	1	01/04/16	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
4-Nitroaniline	ND	980	160	ug/Kg	1	01/04/16	DD	SW8270D
4-Nitrophenol	ND	490	220	ug/Kg	1	01/04/16	DD	SW8270D
Acenaphthene	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Acenaphthylene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Acetophenone	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Aniline	ND	390	390	ug/Kg	1	01/04/16	DD	SW8270D
Anthracene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Benz(a)anthracene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Benzidine	ND	980	290	ug/Kg	1	01/04/16	DD	SW8270D
Benzo(a)pyrene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Benzo(b)fluoranthene	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
Benzo(ghi)perylene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Benzo(k)fluoranthene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Benzoic acid	ND	2400	980	ug/Kg	1	01/04/16	DD	SW8270D
Benzyl butyl phthalate	ND	340	130	ug/Kg	1	01/04/16	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Bis(2-chloroethyl)ether	ND	340	130	ug/Kg	1	01/04/16	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Carbazole	ND	2400	370	ug/Kg	1	01/04/16	DD	SW8270D
Chrysene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Dibenz(a,h)anthracene	ND	330	160	ug/Kg	1	01/04/16	DD	SW8270D
Dibenzofuran	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Diethyl phthalate	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Dimethylphthalate	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Di-n-butylphthalate	ND	340	130	ug/Kg	1	01/04/16	DD	SW8270D
Di-n-octylphthalate	ND	340	130	ug/Kg	1	01/04/16	DD	SW8270D
Fluoranthene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Fluorene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Hexachlorobenzene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Hexachlorobutadiene	ND	340	180	ug/Kg	1	01/04/16	DD	SW8270D
Hexachlorocyclopentadiene	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Hexachloroethane	ND	340	150	ug/Kg	1	01/04/16	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
Isophorone	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Naphthalene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Nitrobenzene	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
N-Nitrosodimethylamine	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	340	160	ug/Kg	1	01/04/16	DD	SW8270D
N-Nitrosodiphenylamine	ND	340	190	ug/Kg	1	01/04/16	DD	SW8270D
Pentachloronitrobenzene	ND	340	180	ug/Kg	1	01/04/16	DD	SW8270D
Pentachlorophenol	ND	340	180	ug/Kg	1	01/04/16	DD	SW8270D
Phenanthrene	ND	340	140	ug/Kg	1	01/04/16	DD	SW8270D
Phenol	ND	330	160	ug/Kg	1	01/04/16	DD	SW8270D
Pyrene	ND	340	170	ug/Kg	1	01/04/16	DD	SW8270D
Pyridine	ND	340	120	ug/Kg	1	01/04/16	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	58			%	1	01/04/16	DD	30 - 130 %
% 2-Fluorobiphenyl	50			%	1	01/04/16	DD	30 - 130 %
% 2-Fluorophenol	38			%	1	01/04/16	DD	30 - 130 %
% Nitrobenzene-d5	44			%	1	01/04/16	DD	30 - 130 %
% Phenol-d5	41			%	1	01/04/16	DD	30 - 130 %
% Terphenyl-d14	66			%	1	01/04/16	DD	30 - 130 %

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

B = Present in blank, no bias suspected.

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

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

Comments:

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

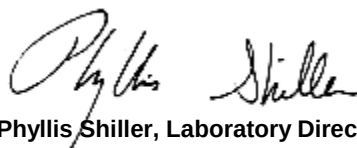
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

S - Laboratory solvent, contamination is possible.

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

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: Bobbi Aloisa, Vice President

Friday, January 08, 2016

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

State: NY

Sample Criteria Exceedences Report

Page 1 of 1

GBK45666 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK45666	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	34.4	0.47	30		mg/Kg
BK45667	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	35.6	0.50	30		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.



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NY Temperature Narration

January 08, 2016

SDG I.D.: GBK45666

The samples in this delivery group were received at 4.2°C.
(Note acceptance criteria is above freezing up to 6°C)

Shannon - Phoenixlabs

GBK 45666

From: Kevin Waters [KWATERS@EBCINCNY.COM]
Sent: Monday, January 04, 2016 04:19 PM
To: Shannon - Phoenixlabs
Cc: Kevin Brussee
Subject: Re: Question on chain

Yes. Please run pest pcb and metals On both samples. Trip blanks VOCs only. Thank you. Happy new year

Kevin Waters
Field Operations Manager
Environmental Business Consultants
Cell (516)-287-9023

On Jan 4, 2016, at 1:33 PM, Shannon - Phoenixlabs <shannon@phoenixlabs.com> wrote:

Please see attached regarding samples picked up today. You did not request Pest/Pcb or Metals for any of these. Please confirm you don't need these at this time. Thank you.

Shannon Wilhelm
Phoenix Environmental Labs
<20160104183107.pdf>

lisa@phoenixlabs.com

From: lisa@phoenixlabs.com
Sent: Tuesday, January 05, 2016 11:19 AM
To: 'Kevin Waters'
Subject: RE: 2401 3rd Ave Bronx, NY Phoenix ID GBK 45666

Kevin,

I checked on this and was just informed that we are unable to use what the courier had. There will not be Trip Blanks reported on this project or on 34-22 35th St. Astoria which is Phoenix ID GBK 45670.

Sorry for this misunderstanding.

Thank you,

Lisa

From: Kevin Waters [<mailto:kwaters@ebcincny.com>]
Sent: Tuesday, January 05, 2016 10:36 AM
To: lisa@phoenixlabs.com
Subject: RE: 2401 3rd Ave Bronx, NY Phoenix ID GBK 45666

Thanks. I spoke with Jim, I thought there was 1 or 2 Hjs added via the courier.

Thank you

Kevin Waters

Field Operations Manager

Environmental Business Consultants

Ph: 631.504.6000

Fax: 631.924.2870

Cell: 516.287.9023

kwaters@ebcincny.com

From: lisa@phoenixlabs.com [<mailto:lisa@phoenixlabs.com>]
Sent: Tuesday, January 5, 2016 10:33 AM
To: 'Kevin Waters'
Subject: 2401 3rd Ave Bronx, NY Phoenix ID GBK 45666

1/5/2016

<<...>>

Good morning,

Just wanted to let you know that the High and Low trip blanks listed on the chain were not received at our lab.

Thank you,

Lisa Arnold
Client Services

1/5/2016



Monday, January 11, 2016

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

Project ID: 2401 3RD AVE., BRONX
Sample ID#s: BK32367 - BK32376

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



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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 2401 3RD AVE., BRONX
Laboratory Project: GBK32367



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NY Analytical Services Protocol Format

January 11, 2016

SDG I.D.: GBK32367

Environmental Business Consultants 2401 3RD AVE., BRONX

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 11, 2016

SDG I.D.: GBK32367

Environmental Business Consultants 2401 3RD AVE., BRONX

Sample Id Cross Reference

Client Id	Lab Id	Matrix
MW1	BK32367	GROUND WATER
MW2	BK32368	GROUND WATER
MW4	BK32369	GROUND WATER
MW5	BK32370	GROUND WATER
MW7	BK32371	GROUND WATER
MW8	BK32372	GROUND WATER
MW9	BK32373	GROUND WATER
MW10	BK32374	GROUND WATER
MW11D	BK32375	GROUND WATER
TRIP BLANK	BK32376	WATER



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NY Analytical Services Protocol Format

January 11, 2016

SDG I.D.: GBK32367

Environmental Business Consultants 2401 3RD AVE., BRONX

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
BK32367	Aluminum	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Aluminum (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Antimony	12/02/15	12/04/15	12/09/15	RS	Y
BK32367	Antimony, (Dissolved)	12/02/15	12/04/15	12/09/15	RS	Y
BK32367	Arsenic - LDL	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Arsenic, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Barium	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Barium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Beryllium	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Beryllium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Cadmium	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Cadmium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Calcium	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Calcium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Chromium	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Chromium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Cobalt	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Cobalt, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Copper	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Copper, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Iron	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Iron, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Lead	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Lead (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Magnesium	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Magnesium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Manganese	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Manganese, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Mercury	12/02/15	12/07/15	12/07/15	MA	Y
BK32367	Mercury (Dissolved)	12/02/15	12/07/15	12/07/15	MA	Y
BK32367	Nickel	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Nickel, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y



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SDG I.D.: GBK32367

Environmental Business Consultants 2401 3RD AVE., BRONX

BK32367	Pesticides	12/02/15	12/04/15	12/05/15	CE	Y
BK32367	Polychlorinated Biphenyls	12/02/15	12/04/15	12/05/15	AW	Y
BK32367	Potassium	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Potassium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Selenium	12/02/15	12/04/15	12/08/15	RS	Y
BK32367	Selenium, (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32367	Semivolatiles	12/02/15	12/07/15	12/09/15	DD	Y
BK32367	Silver	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Silver (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Sodium	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Sodium (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Thallium , (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32367	Thallium - LDL	12/02/15	12/04/15	12/08/15	RS	Y
BK32367	Vanadium	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Vanadium, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32367	Volatiles	12/02/15	12/05/15	12/05/15	MH	Y
BK32367	Zinc	12/02/15	12/04/15	12/08/15	EK	Y
BK32367	Zinc, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Aluminum	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Aluminum (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Antimony	12/02/15	12/04/15	12/09/15	RS	Y
BK32368	Antimony, (Dissolved)	12/02/15	12/04/15	12/09/15	RS	Y
BK32368	Arsenic - LDL	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Arsenic, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Barium	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Barium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Beryllium	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Beryllium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Cadmium	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Cadmium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Calcium	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Calcium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Chromium	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Chromium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Cobalt	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Cobalt, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Copper	12/02/15	12/04/15	12/08/15	EK	Y



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SDG I.D.: GBK32367

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BK32368	Copper, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Iron	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Iron, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Lead	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Lead (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Magnesium	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Magnesium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Manganese	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Manganese, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Mercury	12/02/15	12/07/15	12/07/15	MA	Y
BK32368	Mercury (Dissolved)	12/02/15	12/07/15	12/07/15	MA	Y
BK32368	Nickel	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Nickel, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Pesticides	12/02/15	12/04/15	12/05/15	CE	Y
BK32368	Polychlorinated Biphenyls	12/02/15	12/04/15	12/05/15	AW	Y
BK32368	Potassium	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Potassium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Selenium	12/02/15	12/04/15	12/08/15	RS	Y
BK32368	Selenium, (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32368	Semivolatiles	12/02/15	12/07/15	12/09/15	DD	Y
BK32368	Silver	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Silver (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Sodium	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Sodium (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Thallium , (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32368	Thallium - LDL	12/02/15	12/04/15	12/08/15	RS	Y
BK32368	Vanadium	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Vanadium, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32368	Volatiles	12/02/15	12/05/15	12/05/15	MH	Y
BK32368	Zinc	12/02/15	12/04/15	12/08/15	EK	Y
BK32368	Zinc, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Aluminum	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Aluminum (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Antimony	12/02/15	12/04/15	12/09/15	RS	Y
BK32369	Antimony, (Dissolved)	12/02/15	12/04/15	12/09/15	RS	Y
BK32369	Arsenic - LDL	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Arsenic, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y



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SDG I.D.: GBK32367

Environmental Business Consultants 2401 3RD AVE., BRONX

BK32369	Barium	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Barium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Beryllium	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Beryllium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Cadmium	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Cadmium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Calcium	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Calcium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Chromium	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Chromium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Cobalt	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Cobalt, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Copper	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Copper, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Iron	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Iron, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Lead	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Lead (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Magnesium	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Magnesium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Manganese	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Manganese, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Mercury	12/02/15	12/08/15	12/08/15	RS	Y
BK32369	Mercury (Dissolved)	12/02/15	12/07/15	12/07/15	MA	Y
BK32369	Nickel	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Nickel, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Pesticides	12/02/15	12/04/15	12/05/15	CE	Y
BK32369	Polychlorinated Biphenyls	12/02/15	12/04/15	12/05/15	AW	Y
BK32369	Potassium	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Potassium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Selenium	12/02/15	12/04/15	12/08/15	RS	Y
BK32369	Selenium, (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32369	Semivolatiles	12/02/15	12/07/15	12/09/15	DD	Y
BK32369	Silver	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Silver (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Sodium	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Sodium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y



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SDG I.D.: GBK32367

Environmental Business Consultants 2401 3RD AVE., BRONX

BK32369	Thallium , (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32369	Thallium - LDL	12/02/15	12/04/15	12/09/15	RS	Y
BK32369	Vanadium	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Vanadium, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32369	Volatiles	12/02/15	12/05/15	12/05/15	MH	Y
BK32369	Zinc	12/02/15	12/04/15	12/08/15	EK	Y
BK32369	Zinc, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Aluminum	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Aluminum (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Antimony	12/02/15	12/04/15	12/09/15	RS	Y
BK32370	Antimony, (Dissolved)	12/02/15	12/04/15	12/09/15	RS	Y
BK32370	Arsenic - LDL	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Arsenic, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Barium	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Barium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Beryllium	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Beryllium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Cadmium	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Cadmium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Calcium	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Calcium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Chromium	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Chromium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Cobalt	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Cobalt, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Copper	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Copper, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Iron	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Iron, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Lead	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Lead (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Magnesium	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Magnesium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Manganese	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Manganese, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Mercury	12/02/15	12/08/15	12/08/15	RS	Y
BK32370	Mercury (Dissolved)	12/02/15	12/07/15	12/07/15	MA	Y



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BK32370	Nickel	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Nickel, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Pesticides	12/02/15	12/04/15	12/05/15	CE	Y
BK32370	Polychlorinated Biphenyls	12/02/15	12/04/15	12/05/15	AW	Y
BK32370	Potassium	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Potassium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Selenium	12/02/15	12/04/15	12/08/15	RS	Y
BK32370	Selenium, (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32370	Semivolatiles	12/02/15	12/07/15	12/09/15	DD	Y
BK32370	Silver	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Silver (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Sodium	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Sodium (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Thallium , (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32370	Thallium - LDL	12/02/15	12/04/15	12/09/15	RS	Y
BK32370	Vanadium	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Vanadium, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32370	Volatiles	12/02/15	12/05/15	12/05/15	MH	Y
BK32370	Zinc	12/02/15	12/04/15	12/08/15	EK	Y
BK32370	Zinc, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Aluminum	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Aluminum (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Antimony	12/02/15	12/04/15	12/09/15	RS	Y
BK32371	Antimony, (Dissolved)	12/02/15	12/04/15	12/09/15	RS	Y
BK32371	Arsenic - LDL	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Arsenic, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Barium	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Barium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Beryllium	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Beryllium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Cadmium	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Cadmium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Calcium	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Calcium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Chromium	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Chromium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Cobalt	12/02/15	12/04/15	12/08/15	EK	Y



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BK32371	Cobalt, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Copper	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Copper, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Iron	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Iron, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Lead	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Lead (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Magnesium	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Magnesium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Manganese	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Manganese, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Mercury	12/02/15	12/07/15	12/07/15	MA	Y
BK32371	Mercury (Dissolved)	12/02/15	12/07/15	12/07/15	MA	Y
BK32371	Nickel	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Nickel, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Pesticides	12/02/15	12/04/15	12/05/15	CE	Y
BK32371	Polychlorinated Biphenyls	12/02/15	12/04/15	12/05/15	AW	Y
BK32371	Potassium	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Potassium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Selenium	12/02/15	12/04/15	12/08/15	RS	Y
BK32371	Selenium, (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32371	Semivolatiles	12/02/15	12/07/15	12/09/15	DD	Y
BK32371	Silver	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Silver (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Sodium	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Sodium (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Thallium , (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32371	Thallium - LDL	12/02/15	12/04/15	12/09/15	RS	Y
BK32371	Vanadium	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Vanadium, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32371	Volatiles	12/02/15	12/05/15	12/05/15	MH	Y
BK32371	Zinc	12/02/15	12/04/15	12/08/15	EK	Y
BK32371	Zinc, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Aluminum	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Aluminum (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Antimony	12/02/15	12/04/15	12/09/15	RS	Y
BK32372	Antimony, (Dissolved)	12/02/15	12/04/15	12/09/15	RS	Y



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BK32372	Arsenic - LDL	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Arsenic, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Barium	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Barium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Beryllium	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Beryllium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Cadmium	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Cadmium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Calcium	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Calcium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Chromium	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Chromium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Cobalt	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Cobalt, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Copper	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Copper, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Iron	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Iron, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Lead	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Lead (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Magnesium	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Magnesium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Manganese	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Manganese, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Mercury	12/02/15	12/07/15	12/07/15	MA	Y
BK32372	Mercury (Dissolved)	12/02/15	12/07/15	12/07/15	MA	Y
BK32372	Nickel	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Nickel, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Pesticides	12/02/15	12/04/15	12/05/15	CE	Y
BK32372	Polychlorinated Biphenyls	12/02/15	12/04/15	12/05/15	AW	Y
BK32372	Potassium	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Potassium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Selenium	12/02/15	12/04/15	12/08/15	RS	Y
BK32372	Selenium, (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32372	Semivolatiles	12/02/15	12/07/15	12/09/15	DD	Y
BK32372	Silver	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Silver (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y



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BK32372	Sodium	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Sodium (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Thallium , (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32372	Thallium - LDL	12/02/15	12/04/15	12/09/15	RS	Y
BK32372	Vanadium	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Vanadium, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32372	Volatiles	12/02/15	12/05/15	12/05/15	MH	Y
BK32372	Zinc	12/02/15	12/04/15	12/08/15	EK	Y
BK32372	Zinc, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32373	Aluminum	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Aluminum (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Antimony	12/02/15	12/07/15	12/09/15	RS	Y
BK32373	Antimony, (Dissolved)	12/02/15	12/04/15	12/09/15	RS	Y
BK32373	Arsenic - LDL	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Arsenic, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Barium	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Barium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Beryllium	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Beryllium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Cadmium	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Cadmium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Calcium	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Calcium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Chromium	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Chromium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Cobalt	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Cobalt, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Copper	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Copper, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32373	Iron	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Iron, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Lead	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Lead (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Magnesium	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Magnesium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Manganese	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Manganese, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y



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BK32373	Mercury	12/02/15	12/07/15	12/07/15	MA	Y
BK32373	Mercury (Dissolved)	12/02/15	12/07/15	12/07/15	MA	Y
BK32373	Nickel	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Nickel, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Pesticides	12/02/15	12/04/15	12/08/15	CE	Y
BK32373	Polychlorinated Biphenyls	12/02/15	12/04/15	12/05/15	AW	Y
BK32373	Potassium	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Potassium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Selenium	12/02/15	12/07/15	12/08/15	RS	Y
BK32373	Selenium, (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32373	Semivolatiles	12/02/15	12/07/15	12/09/15	DD	Y
BK32373	Silver	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Silver (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Sodium	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Sodium (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32373	Thallium , (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32373	Thallium - LDL	12/02/15	12/07/15	12/09/15	RS	Y
BK32373	Vanadium	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Vanadium, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32373	Volatiles	12/02/15	12/05/15	12/05/15	MH	Y
BK32373	Zinc	12/02/15	12/07/15	12/08/15	EK	Y
BK32373	Zinc, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32374	Aluminum	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Aluminum (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Antimony	12/02/15	12/07/15	12/09/15	RS	Y
BK32374	Antimony, (Dissolved)	12/02/15	12/04/15	12/09/15	RS	Y
BK32374	Arsenic - LDL	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Arsenic, (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Barium	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Barium (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Beryllium	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Beryllium (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Cadmium	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Cadmium (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Calcium	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Calcium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32374	Chromium	12/02/15	12/07/15	12/08/15	EK	Y



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BK32374	Chromium (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Cobalt	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Cobalt, (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Copper	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Copper, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32374	Iron	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Iron, (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Lead	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Lead (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Magnesium	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Magnesium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32374	Manganese	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Manganese, (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32374	Mercury	12/02/15	12/07/15	12/07/15	MA	Y
BK32374	Mercury (Dissolved)	12/02/15	12/07/15	12/07/15	MA	Y
BK32374	Nickel	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Nickel, (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Pesticides	12/02/15	12/04/15	12/05/15	CE	Y
BK32374	Polychlorinated Biphenyls	12/02/15	12/04/15	12/05/15	AW	Y
BK32374	Potassium	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Potassium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32374	Selenium	12/02/15	12/07/15	12/08/15	RS	Y
BK32374	Selenium, (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32374	Semivolatiles	12/02/15	12/07/15	12/09/15	DD	Y
BK32374	Silver	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Silver (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Sodium	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Sodium (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32374	Thallium , (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32374	Thallium - LDL	12/02/15	12/07/15	12/09/15	RS	Y
BK32374	Vanadium	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Vanadium, (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32374	Volatiles	12/02/15	12/05/15	12/05/15	MH	Y
BK32374	Zinc	12/02/15	12/07/15	12/08/15	EK	Y
BK32374	Zinc, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32375	Aluminum	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Aluminum (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y



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NY Analytical Services Protocol Format

January 11, 2016

SDG I.D.: GBK32367

Environmental Business Consultants 2401 3RD AVE., BRONX

BK32375	Antimony	12/02/15	12/07/15	12/09/15	RS	Y
BK32375	Antimony, (Dissolved)	12/02/15	12/04/15	12/09/15	RS	Y
BK32375	Arsenic - LDL	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Arsenic, (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Barium	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Barium (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Beryllium	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Beryllium (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Cadmium	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Cadmium (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Calcium	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Calcium (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Chromium	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Chromium (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Cobalt	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Cobalt, (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Copper	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Copper, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32375	Iron	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Iron, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32375	Lead	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Lead (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Magnesium	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Magnesium (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Manganese	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Manganese, (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Mercury	12/02/15	12/08/15	12/08/15	RS	Y
BK32375	Mercury (Dissolved)	12/02/15	12/07/15	12/07/15	MA	Y
BK32375	Nickel	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Nickel, (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Pesticides	12/02/15	12/04/15	12/05/15	CE	Y
BK32375	Polychlorinated Biphenyls	12/02/15	12/04/15	12/05/15	AW	Y
BK32375	Potassium	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Potassium (Dissolved)	12/02/15	12/04/15	12/07/15	LK	Y
BK32375	Selenium	12/02/15	12/07/15	12/08/15	RS	Y
BK32375	Selenium, (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32375	Semivolatiles	12/02/15	12/07/15	12/09/15	DD	Y



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NY Analytical Services Protocol Format

January 11, 2016

SDG I.D.: GBK32367

Environmental Business Consultants 2401 3RD AVE., BRONX

BK32375	Silver	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Silver (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Sodium	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Sodium (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32375	Thallium , (Dissolved)	12/02/15	12/04/15	12/08/15	RS	Y
BK32375	Thallium - LDL	12/02/15	12/07/15	12/09/15	RS	Y
BK32375	Vanadium	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Vanadium, (Dissolved)	12/02/15	12/04/15	12/08/15	LK	Y
BK32375	Volatiles	12/02/15	12/05/15	12/05/15	MH	Y
BK32375	Zinc	12/02/15	12/07/15	12/08/15	EK	Y
BK32375	Zinc, (Dissolved)	12/02/15	12/04/15	12/08/15	EK	Y
BK32376	Volatiles	12/02/15	12/05/15	12/05/15	MH	Y



Environmental Laboratories, Inc.
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SDG Comments

January 11, 2016

SDG I.D.: GBK32367

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.



Environmental Laboratories, Inc.
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Analysis Report

January 11, 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: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15

Time

17:02

Laboratory Data

SDG ID: GBK32367
Phoenix ID: BK32367

Project ID: 2401 3RD AVE., BRONX
Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	0.545	0.020	0.0048	mg/L	2	12/08/15	EK	SW6010C
Arsenic - LDL	< 0.008	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.042	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	258	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	< 0.005	0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	0.003	B 0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	0.008	B 0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Aluminum (Dissolved)	0.005	B 0.011	0.005	mg/L	1	12/07/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/07/15	LK	SW6010C
Barium (Dissolved)	0.037	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Calcium (Dissolved)	251	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/07/15	LK	SW6010C
Cobalt, (Dissolved)	0.004	B 0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Copper, (Dissolved)	< 0.011	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	0.02	0.02	0.02	mg/L	2	12/08/15	EK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	233	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	688	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Manganese, (Dissolved)	0.777	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Sodium (Dissolved)	5290	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	0.006	0.004	0.001	mg/L	1	12/07/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/07/15	LK	SW6010C

Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Zinc, (Dissolved)	0.008	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	9.07	0.02	0.02	mg/L	2	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium	209	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	662	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	0.758	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Sodium	5390	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	0.006	B 0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	0.014	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	0.018	0.002	0.001	mg/L	1	12/08/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium	< 0.020	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.013	B 0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/04/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	CE	SW8081B

1

Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	53			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	56			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	58			%	1	12/05/15	AW	30 - 150 %
% TCMX	57			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/05/15	MH	SW8260C

Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/05/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	99			%	1	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	96			%	1	12/05/15	MH	70 - 130 %
% Toluene-d8	105			%	1	12/05/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D

1

Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

Client ID: MW1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	79			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	72			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	48			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	68			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	58			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	81			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	108			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	75			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	53			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	74			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	67			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	89			%	1	12/09/15	DD	30 - 130 %

Client ID: MW1

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 LOD=Limit of Detection MDL=Method Detection Limit

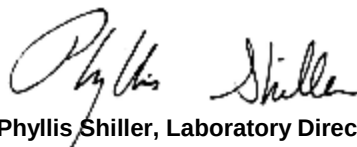
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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 11, 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 11, 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: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15

Time

17:02

Laboratory Data

SDG ID: GBK32367
Phoenix ID: BK32368

Project ID: 2401 3RD AVE., BRONX
Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	0.410	0.020	0.0048	mg/L	2	12/08/15	EK	SW6010C
Arsenic - LDL	< 0.008	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.053	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	165	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	< 0.005	0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Aluminum (Dissolved)	< 0.011	0.011	0.005	mg/L	1	12/07/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/07/15	LK	SW6010C
Barium (Dissolved)	0.047	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Calcium (Dissolved)	177	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/07/15	LK	SW6010C
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Copper, (Dissolved)	< 0.011	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	0.36	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	144	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	411	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Manganese, (Dissolved)	0.672	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Sodium (Dissolved)	3190	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	< 0.004	0.004	0.001	mg/L	1	12/07/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/07/15	LK	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Zinc, (Dissolved)	0.005	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	34.3	1.0	1.0	mg/L	100	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium	109	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	399	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	0.602	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Sodium	2850	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	< 0.008	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	< 0.004	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/08/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium	< 0.020	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.005	B 0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/04/15	AG	SW3050B

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	CE	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.25	0.25	ug/L	1	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	40			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	63			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	47			%	1	12/05/15	AW	30 - 150 %
% TCMX	58			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/05/15	MH	SW8260C

Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloromethane	1.1	J 5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	1.3	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/05/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	98			%	1	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	102			%	1	12/05/15	MH	70 - 130 %
% Toluene-d8	104			%	1	12/05/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	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	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

Client ID: MW2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	89			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	78			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	58			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	86			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	69			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	81			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	113			%	1	12/09/15	DD	15 - 110 % 3
% 2-Fluorobiphenyl	85			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	68			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	90			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	79			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	93			%	1	12/09/15	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:

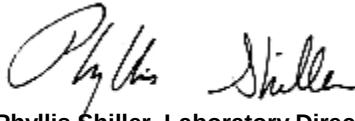
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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 11, 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 11, 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: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15

Time

17:02

Laboratory Data

SDG ID: GBK32367
Phoenix ID: BK32369

Project ID: 2401 3RD AVE., BRONX
Client ID: MW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	0.372	0.020	0.0048	mg/L	2	12/08/15	EK	SW6010C
Arsenic - LDL	< 0.008	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.367	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	51.2	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	< 0.005	0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Aluminum (Dissolved)	< 0.011	0.011	0.005	mg/L	1	12/07/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/07/15	LK	SW6010C
Barium (Dissolved)	0.297	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Calcium (Dissolved)	51.9	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/07/15	LK	SW6010C
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Copper, (Dissolved)	< 0.011	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	< 0.01	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	51.2	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	43.9	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Manganese, (Dissolved)	0.643	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Sodium (Dissolved)	122	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Nickel, (Dissolved)	< 0.004	0.004	0.001	mg/L	1	12/07/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/07/15	LK	SW6010C

Client ID: MW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Zinc, (Dissolved)	0.003	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	8.79	0.02	0.02	mg/L	2	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/08/15	RS	SW7470A
Potassium	53	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	41.3	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	0.665	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Sodium	132	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	< 0.008	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	< 0.004	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/08/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/09/15	RS	SW7010
Vanadium	< 0.020	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.009	B 0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/04/15	AG	SW3050B

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	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	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	53			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	48			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	68			%	1	12/05/15	AW	30 - 150 %
% TCMX	50			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/05/15	MH	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloromethane	4.3	J 5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/05/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	95			%	1	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	94			%	1	12/05/15	MH	70 - 130 %
% Toluene-d8	104			%	1	12/05/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	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	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	84			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	82			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	57			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	78			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	69			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	82			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	116			%	1	12/09/15	DD	15 - 110 % 3
% 2-Fluorobiphenyl	85			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	67			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	90			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	78			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	93			%	1	12/09/15	DD	30 - 130 %

Client ID: MW4

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:

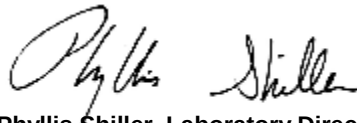
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:

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 11, 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 11, 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: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15

Time

17:02

Laboratory Data

SDG ID: GBK32367
Phoenix ID: BK32370

Project ID: 2401 3RD AVE., BRONX
Client ID: MW5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	0.911	0.020	0.0048	mg/L	2	12/08/15	EK	SW6010C
Arsenic - LDL	0.002	B 0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.146	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	246	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	< 0.005	0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	0.004	B 0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Aluminum (Dissolved)	0.009	B 0.011	0.005	mg/L	1	12/07/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/07/15	LK	SW6010C
Barium (Dissolved)	0.139	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Calcium (Dissolved)	239	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/07/15	LK	SW6010C
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Copper, (Dissolved)	< 0.011	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	< 0.01	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	105	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	288	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Manganese, (Dissolved)	0.403	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Sodium (Dissolved)	2310	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	12/07/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/07/15	LK	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Zinc, (Dissolved)	0.005	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	2.19	0.02	0.02	mg/L	2	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/08/15	RS	SW7470A
Potassium	96	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	269	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	0.404	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Sodium	2390	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	0.002	B 0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	< 0.004	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/08/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/09/15	RS	SW7010
Vanadium	< 0.020	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.013	B 0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/04/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	CE	SW8081B

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Client ID: MW5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.25	0.25	ug/L	1	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	37			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	53			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	52			%	1	12/05/15	AW	30 - 150 %
% TCMX	58			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/L	2	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.6	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
2-Hexanone	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
Acetone	9.7	JS 10	5.0	ug/L	2	12/05/15	MH	SW8260C
Acrolein	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
Benzene	ND	0.7	0.50	ug/L	2	12/05/15	MH	SW8260C

Client ID: MW5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Bromochloromethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Bromodichloromethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Bromoform	ND	10	0.50	ug/L	2	12/05/15	MH	SW8260C
Bromomethane	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Carbon Disulfide	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Chloroform	ND	7.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Chloromethane	8.3	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.50	ug/L	2	12/05/15	MH	SW8260C
Dibromochloromethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Dibromomethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Ethylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.40	ug/L	2	12/05/15	MH	SW8260C
Isopropylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
m&p-Xylene	0.98	J 2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Methylene chloride	ND	5.0	2.0	ug/L	2	12/05/15	MH	SW8260C
Naphthalene	ND	2.0	2.0	ug/L	2	12/05/15	MH	SW8260C
n-Butylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
n-Propylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
o-Xylene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Styrene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Tetrachloroethene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	10	5.0	ug/L	2	12/05/15	MH	SW8260C
Toluene	2.3	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.50	ug/L	2	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
Trichloroethene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Vinyl chloride	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	2	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	95			%	2	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	99			%	2	12/05/15	MH	70 - 130 %
% Toluene-d8	102			%	2	12/05/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	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	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	83			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	64			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	32			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	50			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	49			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	75			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	115			%	1	12/09/15	DD	15 - 110 % 3
% 2-Fluorobiphenyl	66			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	46			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	58			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	60			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	94			%	1	12/09/15	DD	30 - 130 %

Client ID: MW5

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:

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

Pesticide Comment:

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

Volatile Comment:

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

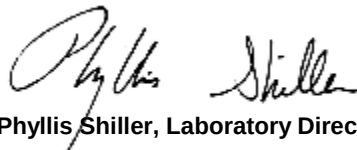
Semi-Volatile Comment:

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.

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 11, 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 11, 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: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15

Time

17:02

Laboratory Data

SDG ID: GBK32367
Phoenix ID: BK32371

Project ID: 2401 3RD AVE., BRONX
Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.003	B 0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	< 0.020	0.020	0.0048	mg/L	2	12/08/15	EK	SW6010C
Arsenic - LDL	0.002	B 0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.076	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	236	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	< 0.005	0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	0.005	B 0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	0.020	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Aluminum (Dissolved)	0.006	B 0.011	0.005	mg/L	1	12/07/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/07/15	LK	SW6010C
Barium (Dissolved)	0.078	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Calcium (Dissolved)	223	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/07/15	LK	SW6010C
Cobalt, (Dissolved)	0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Copper, (Dissolved)	0.023	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	< 0.01	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	129	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	393	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Manganese, (Dissolved)	6.25	0.053	0.011	mg/L	10	12/07/15	LK	SW6010C
Sodium (Dissolved)	2990	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	0.009	0.004	0.001	mg/L	1	12/07/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/07/15	LK	SW6010C

Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Zinc, (Dissolved)	0.021	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	0.24	0.02	0.02	mg/L	2	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium	123	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	422	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	5.61	0.50	0.10	mg/L	100	12/08/15	EK	SW6010C
Sodium	3220	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	0.006	B 0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	< 0.004	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/08/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/09/15	RS	SW7010
Vanadium	< 0.020	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.017	B 0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/04/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	CE	SW8081B

1

Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.25	0.25	ug/L	1	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	57			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	64			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	68			%	1	12/05/15	AW	30 - 150 %
% TCMX	60			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/L	2	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.6	0.50	ug/L	2	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
2-Hexanone	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
Acetone	ND	10	5.0	ug/L	2	12/05/15	MH	SW8260C
Acrolein	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
Benzene	ND	0.7	0.50	ug/L	2	12/05/15	MH	SW8260C

Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Bromochloromethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Bromodichloromethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Bromoform	ND	10	0.50	ug/L	2	12/05/15	MH	SW8260C
Bromomethane	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Carbon Disulfide	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Chloroform	ND	7.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Chloromethane	2.0	J 5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.50	ug/L	2	12/05/15	MH	SW8260C
Dibromochloromethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Dibromomethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Ethylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.40	ug/L	2	12/05/15	MH	SW8260C
Isopropylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
m&p-Xylene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Methylene chloride	ND	5.0	2.0	ug/L	2	12/05/15	MH	SW8260C
Naphthalene	ND	2.0	2.0	ug/L	2	12/05/15	MH	SW8260C
n-Butylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
n-Propylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
o-Xylene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Styrene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Tetrachloroethene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	10	5.0	ug/L	2	12/05/15	MH	SW8260C
Toluene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/L	2	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.50	ug/L	2	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	5.0	ug/L	2	12/05/15	MH	SW8260C
Trichloroethene	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
Vinyl chloride	ND	2.0	0.50	ug/L	2	12/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	2	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	94			%	2	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	98			%	2	12/05/15	MH	70 - 130 %
% Toluene-d8	104			%	2	12/05/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D

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Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

Client ID: MW7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	79			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	63			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	42			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	54			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	51			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	78			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	105			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	70			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	49			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	63			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	63			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	92			%	1	12/09/15	DD	30 - 130 %

Client ID: MW7

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:

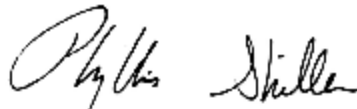
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:

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

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 11, 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 11, 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: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15

Time

17:02

Laboratory Data

SDG ID: GBK32367
Phoenix ID: BK32372

Project ID: 2401 3RD AVE., BRONX
Client ID: MW8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	< 0.020	0.020	0.0048	mg/L	2	12/08/15	EK	SW6010C
Arsenic - LDL	< 0.008	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.050	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	262	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	0.001	B 0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	0.004	B 0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Aluminum (Dissolved)	0.007	B 0.011	0.005	mg/L	1	12/07/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/07/15	LK	SW6010C
Barium (Dissolved)	0.044	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Calcium (Dissolved)	250	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/07/15	LK	SW6010C
Cobalt, (Dissolved)	0.004	B 0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Copper, (Dissolved)	< 0.011	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	21.8	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	214	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	612	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Manganese, (Dissolved)	1.04	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Sodium (Dissolved)	4450	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	0.003	B 0.004	0.001	mg/L	1	12/07/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/07/15	LK	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Zinc, (Dissolved)	0.005	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	48.8	1.0	1.0	mg/L	100	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium	188	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	580	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	1.10	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Sodium	4830	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	0.003	B 0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	< 0.004	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	0.004	0.002	0.001	mg/L	1	12/08/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/09/15	RS	SW7010
Vanadium	< 0.020	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.004	B 0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/04/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	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	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	47			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	64			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	54			%	1	12/05/15	AW	30 - 150 %
% TCMX	62			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/05/15	MH	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloromethane	1.2	J 5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/05/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	93			%	1	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	102			%	1	12/05/15	MH	70 - 130 %
% Toluene-d8	106			%	1	12/05/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	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	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	74			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	40			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	11			%	1	12/09/15	DD	15 - 110 % 3
% Nitrobenzene-d5	13			%	1	12/09/15	DD	30 - 130 % 3
% Phenol-d5	31			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	80			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	102			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	43			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	12			%	1	12/09/15	DD	15 - 110 % 3
% Nitrobenzene-d5	14			%	1	12/09/15	DD	30 - 130 % 3
% Phenol-d5	34			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	93			%	1	12/09/15	DD	30 - 130 %

Client ID: MW8

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:

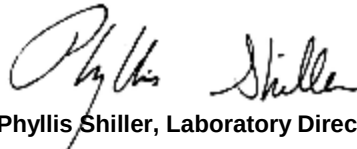
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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.

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 11, 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 11, 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: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15

Time

17:02

Laboratory Data

SDG ID: GBK32367
Phoenix ID: BK32373

Project ID: 2401 3RD AVE., BRONX
Client ID: MW9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	19.4	1.0	0.24	mg/L	100	12/08/15	EK	SW6010C
Arsenic - LDL	0.034	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.130	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	289	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	0.002	B 0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	0.019	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	0.047	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	0.096	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Aluminum (Dissolved)	0.010	B 0.011	0.005	mg/L	1	12/07/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/07/15	LK	SW6010C
Barium (Dissolved)	0.054	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Calcium (Dissolved)	226	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/07/15	LK	SW6010C
Cobalt, (Dissolved)	0.002	B 0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Copper, (Dissolved)	< 0.011	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	< 0.01	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	146	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	426	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Manganese, (Dissolved)	1.18	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Sodium (Dissolved)	2900	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	0.008	0.004	0.001	mg/L	1	12/07/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/07/15	LK	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Zinc, (Dissolved)	0.028	0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	48.4	1.0	1.0	mg/L	100	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium	121	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	489	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	2.45	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Sodium	3160	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	0.063	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	0.224	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/08/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/09/15	RS	SW7010
Vanadium	0.037	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.306	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/07/15	AG	SW3050B

Pesticides

4,4' -DDD	ND	0.025	0.025	ug/L	5	12/08/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.15	0.15	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.15	0.15	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.15	0.15	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.020	0.020	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.015	0.015	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	CE	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	31			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	66			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.25	0.25	ug/L	5	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.25	0.25	ug/L	5	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.25	0.25	ug/L	5	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.25	0.25	ug/L	5	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.25	0.25	ug/L	5	12/05/15	AW	E608/SW8082A
PCB-1254	1.3	0.25	0.25	ug/L	5	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.25	0.25	ug/L	5	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.25	0.25	ug/L	5	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.25	0.25	ug/L	5	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	30			%	5	12/05/15	AW	30 - 150 %
% TCMX	47			%	5	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Acetone	4.8	JS 5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/05/15	MH	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloromethane	3.0	J 5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	0.61	J 1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/05/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	104			%	1	12/05/15	MH	70 - 130 %
% Toluene-d8	104			%	1	12/05/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D

1

Client ID: MW9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

Client ID: MW9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	82			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	72			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	35			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	53			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	44			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	56			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	0.05	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	0.03	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	0.03	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	0.02	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	0.04	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	0.05	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	103			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	69			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	40			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	61			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	59			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	60			%	1	12/09/15	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, 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:

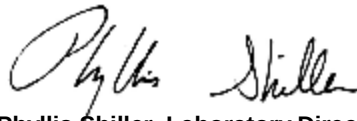
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Pesticide Comment:

Due to matrix interference caused by the presence of PCBs 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 11, 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 11, 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: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15

Time

17:02

Laboratory Data

SDG ID: GBK32367
Phoenix ID: BK32374

Project ID: 2401 3RD AVE., BRONX
Client ID: MW10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	0.002	B 0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	0.016	B 0.020	0.0048	mg/L	2	12/08/15	EK	SW6010C
Arsenic - LDL	0.021	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.112	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	249	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	< 0.005	0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	0.004	B 0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/08/15	LK	SW6010C
Aluminum (Dissolved)	0.007	B 0.011	0.005	mg/L	1	12/08/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/08/15	LK	SW6010C
Barium (Dissolved)	0.082	0.011	0.001	mg/L	1	12/08/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/08/15	LK	SW6010C
Calcium (Dissolved)	240	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/08/15	LK	SW6010C
Cobalt, (Dissolved)	0.004	B 0.005	0.001	mg/L	1	12/08/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/08/15	LK	SW6010C
Copper, (Dissolved)	< 0.011	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	< 0.01	0.01	0.01	mg/L	1	12/08/15	LK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	82.5	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	247	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Manganese, (Dissolved)	5.46	0.053	0.011	mg/L	10	12/07/15	LK	SW6010C
Sodium (Dissolved)	1870	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	0.008	0.004	0.001	mg/L	1	12/08/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/08/15	LK	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/08/15	LK	SW6010C
Zinc, (Dissolved)	0.007	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	18.2	1.0	1.0	mg/L	100	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium	72	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	228	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	5.35	0.50	0.10	mg/L	100	12/08/15	EK	SW6010C
Sodium	1710	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	0.007	B 0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	< 0.004	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/08/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/09/15	RS	SW7010
Vanadium	< 0.020	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.005	B 0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/07/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	CE	SW8081B

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	61			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	67			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	56			%	1	12/05/15	AW	30 - 150 %
% TCMX	60			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/05/15	MH	SW8260C

Client ID: MW10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloromethane	1.5	J 5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	0.33	J 1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/05/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	92			%	1	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	99			%	1	12/05/15	MH	70 - 130 %
% Toluene-d8	104			%	1	12/05/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	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	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

Client ID: MW10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	89			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	69			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	44			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	70			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	57			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	81			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	112			%	1	12/09/15	DD	15 - 110 % 3
% 2-Fluorobiphenyl	74			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	66			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	76			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	76			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	83			%	1	12/09/15	DD	30 - 130 %

Client ID: MW10

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:

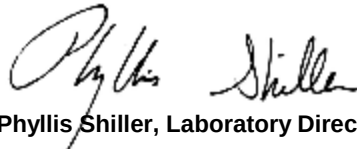
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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.

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 11, 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 11, 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: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15

Time

17:02

Laboratory Data

SDG ID: GBK32367
Phoenix ID: BK32375

Project ID: 2401 3RD AVE., BRONX
Client ID: MW11D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	3.06	0.020	0.0048	mg/L	2	12/08/15	EK	SW6010C
Arsenic - LDL	0.004	B 0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.056	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	36.0	0.020	0.006	mg/L	2	12/08/15	EK	SW6010C
Cadmium	< 0.005	0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	0.003	B 0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	0.018	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	0.028	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/08/15	LK	SW6010C
Aluminum (Dissolved)	0.008	B 0.011	0.005	mg/L	1	12/08/15	LK	SW6010C
Arsenic, (Dissolved)	0.005	0.003	0.004	mg/L	1	12/08/15	LK	SW6010C
Barium (Dissolved)	0.020	0.011	0.001	mg/L	1	12/08/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/08/15	LK	SW6010C
Calcium (Dissolved)	28.4	0.01	0.01	mg/L	1	12/08/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/08/15	LK	SW6010C
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/08/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/08/15	LK	SW6010C
Copper, (Dissolved)	< 0.011	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	0.02	0.02	0.02	mg/L	2	12/08/15	EK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	36.0	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	37.7	0.01	0.01	mg/L	1	12/08/15	LK	SW6010C
Manganese, (Dissolved)	0.063	0.005	0.001	mg/L	1	12/08/15	LK	SW6010C
Sodium (Dissolved)	719	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	12/08/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/08/15	LK	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	0.002	B 0.011	0.001	mg/L	1	12/08/15	LK	SW6010C
Zinc, (Dissolved)	0.004	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	6.67	0.02	0.02	mg/L	2	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/08/15	RS	SW7470A
Potassium	34	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	40.2	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	0.135	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Sodium	736	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	0.010	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	0.047	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	< 0.002	0.002	0.001	mg/L	1	12/08/15	RS	SW7010
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/09/15	RS	SW7010
Vanadium	0.007	B 0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.038	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/07/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	CE	SW8081B

1

Client ID: MW11D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.25	0.25	ug/L	1	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	39			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	59			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	36			%	1	12/05/15	AW	30 - 150 %
% TCMX	63			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Acetone	3.0	JS 5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/05/15	MH	SW8260C

Client ID: MW11D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloromethane	0.30	J 5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	14	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/05/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99			%	1	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	93			%	1	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	96			%	1	12/05/15	MH	70 - 130 %
% Toluene-d8	104			%	1	12/05/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D

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Client ID: MW11D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

Client ID: MW11D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	87			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	68			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	27			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	54			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	48			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	37			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	113			%	1	12/09/15	DD	15 - 110 % 3
% 2-Fluorobiphenyl	70			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	45			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	57			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	65			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	45			%	1	12/09/15	DD	30 - 130 %

Client ID: MW11D

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:

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.

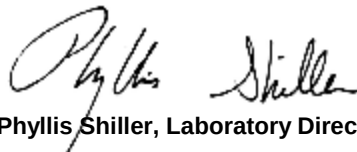
Semi-Volatile Comment:

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.

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 11, 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 11, 2016

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

Sample Information

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

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15

Time

17:02

Laboratory Data

SDG ID: GBK32367
Phoenix ID: BK32376

Project ID: 2401 3RD AVE., BRONX
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	4.8	JS 5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/05/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	1	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	96			%	1	12/05/15	MH	70 - 130 %

1

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	12/05/15	MH	70 - 130 %

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

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

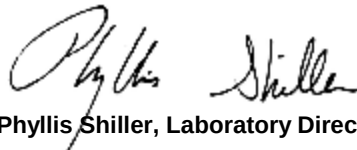
Comments:

TRIP BLANK INCLUDED.

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 11, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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QA/QC Report

January 11, 2016

QA/QC Data

SDG I.D.: GBK32367

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 328857 (mg/L), QC Sample No: BK31814 (BK32369, BK32370, BK32375)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	94.6	96.9	2.4	93.7	95.1	1.5	75 - 125	20
QA/QC Batch 328650 (mg/L), QC Sample No: BK31989 (BK32367, BK32368, BK32369, BK32370, BK32371, BK32372)													
<u>ICP Metals - Aqueous</u>													
Aluminum	BRL	0.010	0.692	0.693	0.10	97.0	98.4	1.4	88.4	84.6	4.4	80 - 120	20
Arsenic	BRL	0.004	<0.004	<0.004	NC	98.1	101	2.9	102	98.8	3.2	80 - 120	20
Barium	BRL	0.002	0.099	0.100	1.00	103	106	2.9	104	105	1.0	80 - 120	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	103	103	0.0	109	110	0.9	80 - 120	20
Cadmium	BRL	0.001	<0.001	<0.001	NC	99.1	102	2.9	107	102	4.8	80 - 120	20
Calcium	BRL	0.010	37.3	39.4	5.50	101	102	1.0	NC	NC	NC	80 - 120	20
Chromium	BRL	0.001	<0.001	<0.001	NC	97.8	99.8	2.0	106	100	5.8	80 - 120	20
Cobalt	BRL	0.002	<0.002	<0.002	NC	103	105	1.9	103	98.3	4.7	80 - 120	20
Copper	BRL	0.005	0.002	0.002	NC	101	101	0.0	103	105	1.9	80 - 120	20
Iron	BRL	0.010	0.077	0.081	5.10	102	103	1.0	113	106	6.4	80 - 120	20
Lead	BRL	0.002	<0.002	<0.002	NC	99.4	101	1.6	109	102	6.6	80 - 120	20
Magnesium	BRL	0.01	6.37	7.08	10.6	99.4	101	1.6	NC	NC	NC	80 - 120	20
Manganese	BRL	0.001	0.024	0.025	4.10	99.1	102	2.9	104	99.0	4.9	80 - 120	20
Nickel	0.002	0.001	<0.001	0.002	NC	103	105	1.9	113	108	4.5	80 - 120	20
Potassium	BRL	0.1	4.8	4.6	4.30	98.3	99.6	1.3	95.3	113	17.0	80 - 120	20
Silver	BRL	0.001	<0.001	<0.001	NC	99.0	99.9	0.9	103	105	1.9	70 - 130	30
Sodium	BRL	0.1	49.1	51.3	4.40	95.1	96.4	1.4	NC	NC	NC	80 - 120	20
Vanadium	BRL	0.002	<0.002	<0.002	NC	99.2	100	0.8	104	105	1.0	80 - 120	20
Zinc	BRL	0.002	0.016	0.017	6.10	97.5	101	3.5	104	98.8	5.1	80 - 120	20
QA/QC Batch 328614 (mg/L), QC Sample No: BK32153 (BK32373, BK32374, BK32375)													
Antimony - Water	BRL	0.003	<0.002	<0.003	NC	100	98.3	1.7	105	104	1.0	75 - 125	20
Selenium - Water	BRL	0.005	<0.001	<0.005	NC	101	100	1.0	85.6	86.5	1.0	75 - 125	20
Thallium - Water	BRL	0.001	<0.001	<0.001	NC	96.7	98.0	1.3	113	104	8.3	75 - 125	20
QA/QC Batch 328811 (mg/L), QC Sample No: BK32364 (BK32373, BK32374, BK32375)													
<u>ICP Metals - Aqueous</u>													
Aluminum	BRL	0.010	37.9	38.2	0.80	99.2	101	1.8	NC	NC	NC	80 - 120	20
Arsenic	BRL	0.004	<0.008	<0.008	NC	101	98.4	2.6	105	95.2	9.8	80 - 120	20
Barium	BRL	0.002	0.311	0.321	3.20	105	107	1.9	112	107	4.6	80 - 120	20
Beryllium	BRL	0.001	0.003	0.004	NC	106	107	0.9	112	109	2.7	80 - 120	20
Cadmium	BRL	0.001	0.002	0.002	NC	104	102	1.9	112	108	3.6	80 - 120	20
Calcium	BRL	0.010	113	113	0	105	105	0.0	NC	NC	NC	80 - 120	20
Chromium	BRL	0.001	0.094	0.099	5.20	101	97.4	3.6	112	101	10.3	80 - 120	20
Cobalt	BRL	0.002	0.039	0.039	0	105	102	2.9	110	108	1.8	80 - 120	20
Copper	BRL	0.005	0.132	0.148	11.4	102	104	1.9	94.2	97.1	3.0	80 - 120	20
Iron	BRL	0.010	78.9	77.1	2.30	104	101	2.9	NC	NC	NC	80 - 120	20
Lead	BRL	0.002	0.053	0.057	7.30	102	99.1	2.9	109	104	4.7	80 - 120	20
Magnesium	BRL	0.01	174	169	2.90	101	99.4	1.6	NC	NC	NC	80 - 120	20
Manganese	BRL	0.001	1.46	1.53	4.70	102	100	2.0	107	94.3	12.6	80 - 120	20

QA/QC Data

SDG I.D.: GBK32367

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Nickel	0.003	0.001	0.096	0.099	3.10	106	103	2.9	95.1	119	22.3	80 - 120	20
Potassium	BRL	0.1	72.3	68.1	6.00	91.4	101	10.0	NC	NC	NC	80 - 120	20
Silver	BRL	0.001	<0.010	0.002	NC	101	102	1.0	102	91.8	10.5	70 - 130	30
Sodium	BRL	0.1	1290	1360	5.30	89.5	97.2	8.2	NC	NC	NC	80 - 120	20
Vanadium	BRL	0.002	0.085	0.088	3.50	102	102	0.0	118	111	6.1	80 - 120	20
Zinc	BRL	0.002	0.462	0.484	4.70	102	98.8	3.2	109	102	6.6	80 - 120	20

QA/QC Batch 328665 (mg/L), QC Sample No: BK32364 (BK32367, BK32368, BK32369, BK32370, BK32371, BK32372, BK32373, BK32374, BK32375)

ICP Metals - Dissolved

Aluminum	BRL	0.011	0.008	0.011	NC	87.5	87.9	0.5	98.4	99.0	0.6	80 - 120	20
Arsenic	BRL	0.004	<0.003	<0.004	NC	92.5	93.6	1.2	99.5	100	0.5	80 - 120	20
Barium	BRL	0.002	0.075	0.074	1.30	91.4	92.0	0.7	86.3	86.3	0.0	80 - 120	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	96.0	97.4	1.4	95.0	95.3	0.3	80 - 120	20
Cadmium	BRL	0.001	<0.004	<0.001	NC	95.1	96.5	1.5	93.7	94.8	1.2	80 - 120	20
Calcium	BRL	0.01	71.1	69.8	1.80	95.2	96.9	1.8	NC	NC	NC	80 - 120	20
Chromium	BRL	0.001	<0.001	<0.001	NC	94.1	95.7	1.7	94.8	95.7	0.9	80 - 120	20
Cobalt	BRL	0.001	<0.005	<0.001	NC	93.8	94.9	1.2	94.6	95.2	0.6	80 - 120	20
Copper	BRL	0.005	0.003	0.003	NC	90.7	90.9	0.2	90.5	88.3	2.5	80 - 120	20
Iron	BRL	0.011	<0.01	<0.011	NC	93.3	95.0	1.8	92.0	92.5	0.5	80 - 120	20
Lead	BRL	0.002	<0.002	<0.002	NC	93.9	95.0	1.2	95.3	96.1	0.8	80 - 120	20
Magnesium	BRL	0.01	148	143	3.40	92.8	94.2	1.5	NC	NC	NC	80 - 120	20
Manganese	BRL	0.001	0.609	0.595	2.30	96.0	96.7	0.7	91.5	91.9	0.4	80 - 120	20
Nickel	BRL	0.001	0.002	0.002	NC	94.3	95.4	1.2	92.5	93.6	1.2	80 - 120	20
Potassium	BRL	0.1	60.7	58.1	4.40	84.7	83.5	1.4	NC	NC	NC	80 - 120	20
Silver	BRL	0.001	<0.005	<0.001	NC	93.2	94.1	1.0	101	102	1.0	70 - 130	30
Sodium	BRL	0.11	1420	1350	5.10	82.7	81.4	1.6	NC	NC	NC	80 - 120	20
Vanadium	BRL	0.002	<0.011	<0.002	NC	92.0	92.3	0.3	94.7	95.4	0.7	80 - 120	20
Zinc	BRL	0.002	0.004	0.003	NC	90.3	90.7	0.4	95.6	89.9	6.1	80 - 120	20

QA/QC Batch 328719 (mg/L), QC Sample No: BK32364 (BK32367, BK32368, BK32369, BK32370, BK32371, BK32372, BK32373, BK32374, BK32375)

Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0002	NC	92.7	87.3	6.0	92.1	96.3	4.5	75 - 125	20

QA/QC Batch 328718 (mg/L), QC Sample No: BK32364 (BK32367, BK32368, BK32371, BK32372, BK32373, BK32374)

Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	92.7	87.3	6.0	92.1	96.3	4.5	75 - 125	20

QA/QC Batch 328666 (mg/L), QC Sample No: BK32364 (BK32367, BK32368, BK32369, BK32370, BK32371, BK32372, BK32373, BK32374, BK32375)

Antimony (Dissolved)-LDL	BRL	0.005	<0.003	<0.005	NC	115	127	9.9	120	119	0.8	75 - 125	20
Selenium (Dissolved)	BRL	0.002	<0.002	<0.002	NC	120	126	4.9	77.6	79.7	2.7	75 - 125	20
Thallium (Dissolved)	BRL	0.002	<0.001	<0.002	NC	112	115	2.6	115	116	0.9	75 - 125	20

QA/QC Batch 328814 (mg/L), QC Sample No: BK32364 (BK32373, BK32374, BK32375)

Antimony - Water	BRL	0.003	<0.003	<0.003	NC	110	101	8.5	79.2	78.8	0.5	75 - 125	20
Selenium - Water	BRL	0.005	<0.002	<0.005	NC	111	111	0.0				75 - 125	20
Thallium - Water	BRL	0.001	<0.001	<0.001	NC	101	93.5	7.7	87.2	91.4	4.7	75 - 125	20

QA/QC Batch 328649 (mg/L), QC Sample No: BK32984 (BK32367, BK32368, BK32369, BK32370, BK32371, BK32372)

Antimony - Water	BRL	0.003	<0.002	<0.003	NC	102	99.8	2.2	98.9	99.0	0.1	75 - 125	20
Selenium - Water	BRL	0.005	<0.001	<0.005	NC	105	103	1.9	95.3	93.6	1.8	75 - 125	20
Thallium - Water	BRL	0.001	<0.001	<0.001	NC	99.4	98.2	1.2	85.3	91.9	7.4	75 - 125	20

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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



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QA/QC Report

January 11, 2016

QA/QC Data

SDG I.D.: GBK32367

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

QA/QC Batch 328656 (ug/L), QC Sample No: BK32364 (BK32367, BK32368, BK32369, BK32370, BK32371, BK32372, BK32373, BK32374, BK32375)

Pesticides - Ground Water

4,4' -DDD	ND	0.003	75	81	7.7	66	65	1.5	30 - 150	20
4,4' -DDE	ND	0.003	64	68	6.1	55	54	1.8	40 - 140	30
4,4' -DDT	ND	0.003	67	71	5.8	58	57	1.7	30 - 150	20
a-BHC	ND	0.002	71	76	6.8	64	63	1.6	30 - 150	20
a-Chlordane	ND	0.005	70	73	4.2	60	59	1.7	30 - 150	20
Alachlor	ND	0.005	NA	NA	NC	NA	NA	NC	30 - 150	20
Aldrin	ND	0.002	62	66	6.3	51	53	3.8	40 - 140	30
b-BHC	ND	0.002	67	70	4.4	62	60	3.3	30 - 150	20
Chlordane	ND	0.050	63	67	6.2	74	65	12.9	30 - 150	20
d-BHC	ND	0.005	68	72	5.7	63	60	4.9	30 - 150	20
Dieldrin	ND	0.002	63	65	3.1	54	53	1.9	40 - 140	30
Endosulfan I	ND	0.005	70	73	4.2	62	58	6.7	30 - 150	20
Endosulfan II	ND	0.005	70	74	5.6	63	60	4.9	30 - 150	20
Endosulfan sulfate	ND	0.005	66	69	4.4	58	55	5.3	40 - 140	30
Endrin	ND	0.005	79	83	4.9	68	69	1.5	40 - 140	30
Endrin aldehyde	ND	0.005	71	71	0.0	63	56	11.8	30 - 150	20
Endrin ketone	ND	0.005	70	74	5.6	60	58	3.4	30 - 150	20
g-BHC	ND	0.002	74	78	5.3	68	66	3.0	40 - 140	30
g-Chlordane	ND	0.005	63	67	6.2	74	65	12.9	40 - 140	30
Heptachlor	ND	0.005	69	73	5.6	56	57	1.8	40 - 140	30
Heptachlor epoxide	ND	0.005	74	78	5.3	64	63	1.6	30 - 150	20
Methoxychlor	ND	0.005	80	81	1.2	71	65	8.8	30 - 150	20
Toxaphene	ND	0.20	NA	NA	NC	NA	NA	NC	30 - 150	20
% DCBP	60	%	73	75	2.7	38	51	29.2	30 - 150	30
% TCMX	59	%	70	73	4.2	73	73	0.0	30 - 150	30

QA/QC Batch 328654 (ug/L), QC Sample No: BK32364 (BK32367, BK32368, BK32369, BK32370, BK32371, BK32372, BK32373, BK32374, BK32375)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	0.050	87	79	9.6	89	86	3.4	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	95	86	9.9	85	87	2.3	30 - 150	20
PCB-1262	ND	0.050							30 - 150	20
PCB-1268	ND	0.050							30 - 150	20
% DCBP (Surrogate Rec)	69	%	97	82	16.8	63	67	6.2	30 - 150	20
% TCMX (Surrogate Rec)	62	%	89	86	3.4	85	88	3.5	30 - 150	20

QA/QC Data

SDG I.D.: GBK32367

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 328804 (ug/L), QC Sample No: BK32364 (BK32367, BK32368, BK32369, BK32370, BK32371, BK32372, BK32373, BK32374, BK32375)											
<u>Semivolatiles (SIM) - Ground Water</u>											
1,2,4,5-Tetrachlorobenzene	ND	0.50	73	85	15.2	85	106	22.0	30 - 130	20	r
Acenaphthylene	ND	0.02	90	79	13.0	98	129	27.3	30 - 130	20	r
Benz(a)anthracene	ND	0.02	89	100	11.6	94	123	26.7	30 - 130	20	r
Benzo(a)pyrene	ND	0.02	85	90	5.7	83	113	30.6	30 - 130	20	r
Benzo(b)fluoranthene	ND	0.02	87	98	11.9	98	118	18.5	30 - 130	20	
Benzo(ghi)perylene	ND	0.02	82	90	9.3	86	105	19.9	30 - 130	20	
Benzo(k)fluoranthene	ND	0.02	89	103	14.6	93	124	28.6	30 - 130	20	r
Bis(2-ethylhexyl)phthalate	0.09 B	0.05	98	105	6.9	132	129	2.3	30 - 130	20	m
Chrysene	ND	0.02	89	101	12.6	94	124	27.5	30 - 130	20	r
Dibenz(a,h)anthracene	ND	0.01	87	101	14.9	94	111	16.6	30 - 130	20	
Hexachlorobenzene	ND	0.02	94	104	10.1	106	130	20.3	30 - 130	20	
Hexachlorobutadiene	ND	0.05	47	60	24.3	70	95	30.3	30 - 130	20	r
Hexachloroethane	ND	0.05	41	55	29.2	64	90	33.8	30 - 130	20	r
Indeno(1,2,3-cd)pyrene	ND	0.02	83	96	14.5	89	106	17.4	30 - 130	20	
Nitrobenzene	ND	0.05	60	76	23.5	85	107	22.9	30 - 130	20	r
Pentachloronitrobenzene	ND	0.10	92	98	6.3	103	122	16.9	30 - 130	20	
Pentachlorophenol	ND	0.20	95	116	19.9	121	153	23.4	30 - 130	20	m,r
Phenanthrene	0.02 B	0.02	90	100	10.5	96	123	24.7	30 - 130	20	r
% 2,4,6-Tribromophenol	85	%	100	119	17.4	115	149	25.8	15 - 110	20	l,m,r
% 2-Fluorobiphenyl	55	%	76	94	21.2	87	114	26.9	30 - 130	20	r
% 2-Fluorophenol	35	%	35	43	20.5	57	84	38.3	15 - 110	20	r
% Nitrobenzene-d5	45	%	58	68	15.9	77	103	28.9	30 - 130	20	r
% Phenol-d5	48	%	53	58	9.0	76	101	28.2	15 - 110	20	r
% Terphenyl-d14	85	%	85	111	26.5	85	126	38.9	30 - 130	20	r

Comment:

LCSD not reported for this batch.

QA/QC Batch 328804 (ug/L), QC Sample No: BK32364 (BK32367, BK32368, BK32369, BK32370, BK32371, BK32372, BK32373, BK32374, BK32375)

Semivolatiles - Ground Water

1,2,4-Trichlorobenzene	ND	3.5	49	66	29.6	73	75	2.7	30 - 130	20	r
1,2-Dichlorobenzene	ND	1.0	41	47	13.6	62	63	1.6	30 - 130	20	
1,2-Diphenylhydrazine	ND	1.6	83	79	4.9	93	86	7.8	30 - 130	20	
1,3-Dichlorobenzene	ND	1.0	38	47	21.2	58	57	1.7	30 - 130	20	r
1,4-Dichlorobenzene	ND	1.0	38	47	21.2	63	61	3.2	30 - 130	20	r
2,4,5-Trichlorophenol	ND	1.0	92	97	5.3	103	95	8.1	30 - 130	20	
2,4,6-Trichlorophenol	ND	1.0	92	100	8.3	107	100	6.8	30 - 130	20	
2,4-Dichlorophenol	ND	1.0	80	98	20.2	96	95	1.0	30 - 130	20	
2,4-Dimethylphenol	ND	1.0	74	94	23.8	92	88	4.4	30 - 130	20	r
2,4-Dinitrophenol	ND	1.0	112	127	12.6	126	120	4.9	30 - 130	20	
2,4-Dinitrotoluene	ND	3.5	93	98	5.2	104	95	9.0	30 - 130	20	m
2,6-Dinitrotoluene	ND	3.5	91	96	5.3	98	97	1.0	30 - 130	20	
2-Chloronaphthalene	ND	3.5	78	84	7.4	95	88	7.7	30 - 130	20	
2-Chlorophenol	ND	1.0	46	53	14.1	71	70	1.4	30 - 130	20	
2-Methylnaphthalene	ND	3.5	71	90	23.6	85	83	2.4	30 - 130	20	r
2-Methylphenol (o-cresol)	ND	1.0	70	77	9.5	94	87	7.7	30 - 130	20	
2-Nitroaniline	ND	3.5	92	86	6.7	95	89	6.5	30 - 130	20	
2-Nitrophenol	ND	1.0	62	81	26.6	86	80	7.2	30 - 130	20	r
3&4-Methylphenol (m&p-cresol)	ND	1.0	74	85	13.8	90	88	2.2	30 - 130	20	
3,3'-Dichlorobenzidine	ND	5.0	52	13	120.0	<10	<10	NC	30 - 130	20	l,m,r

QA/QC Data

SDG I.D.: GBK32367

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
3-Nitroaniline	ND	5.0	92	67	31.4	91	73	22.0	30 - 130	20	r
4,6-Dinitro-2-methylphenol	ND	1.0	101	114	12.1	113	105	7.3	30 - 130	20	
4-Bromophenyl phenyl ether	ND	3.5	99	106	6.8	101	100	1.0	30 - 130	20	
4-Chloro-3-methylphenol	ND	1.0	94	111	16.6	101	97	4.0	30 - 130	20	
4-Chloroaniline	ND	3.5	75	64	15.8	76	64	17.1	30 - 130	20	
4-Chlorophenyl phenyl ether	ND	1.0	88	96	8.7	101	93	8.2	30 - 130	20	
4-Nitroaniline	ND	5.0	94	97	3.1	102	95	7.1	30 - 130	20	
4-Nitrophenol	ND	1.0	101	110	8.5	114	108	5.4	30 - 130	20	
Acenaphthene	ND	1.5	84	93	10.2	99	92	7.3	30 - 130	20	
Acetophenone	ND	3.5	62	70	12.1	79	77	2.6	30 - 130	20	
Aniline	ND	3.5	48	38	23.3	67	56	17.9	30 - 130	20	r
Anthracene	ND	1.5	94	98	4.2	98	99	1.0	30 - 130	20	
Benzidine	ND	4.5	119	<10	NC	<10	<10	NC	30 - 130	20	l,m
Benzoic acid	ND	10	66	97	38.0	93	93	0.0	30 - 130	20	r
Benzyl butyl phthalate	ND	1.5	100	103	3.0	103	101	2.0	30 - 130	20	
Bis(2-chloroethoxy)methane	ND	3.5	71	14	134.1	88	87	1.1	30 - 130	20	l,r
Bis(2-chloroethyl)ether	ND	1.0	38	48	23.3	54	54	0.0	30 - 130	20	r
Bis(2-chloroisopropyl)ether	ND	1.0	36	43	17.7	54	54	0.0	30 - 130	20	
Carbazole	ND	5.0	96	59	47.7	99	100	1.0	30 - 130	20	r
Dibenzofuran	ND	3.5	85	91	6.8	95	88	7.7	30 - 130	20	
Diethyl phthalate	ND	1.5	90	96	6.5	102	95	7.1	30 - 130	20	
Dimethylphthalate	ND	1.5	93	101	8.2	104	96	8.0	30 - 130	20	
Di-n-butylphthalate	ND	1.5	102	110	7.5	106	104	1.9	30 - 130	20	
Di-n-octylphthalate	ND	1.5	101	106	4.8	105	100	4.9	30 - 130	20	
Fluoranthene	ND	1.5	97	105	7.9	101	101	0.0	30 - 130	20	
Fluorene	ND	1.5	91	97	6.4	102	94	8.2	30 - 130	20	
Hexachlorocyclopentadiene	ND	3.5	41	53	25.5	42	37	12.7	30 - 130	20	r
Isophorone	ND	3.5	77	91	16.7	88	85	3.5	30 - 130	20	
Naphthalene	ND	1.5	54	72	28.6	76	77	1.3	30 - 130	20	r
N-Nitrosodimethylamine	ND	1.0	21	29	32.0	35	32	9.0	30 - 130	20	l,r
N-Nitrosodi-n-propylamine	ND	3.5	72	78	8.0	84	81	3.6	30 - 130	20	
N-Nitrosodiphenylamine	ND	3.5	83	73	12.8	98	91	7.4	30 - 130	20	
Phenol	ND	1.0	51	59	14.5	72	71	1.4	30 - 130	20	
Pyrene	ND	1.5	95	103	8.1	102	101	1.0	30 - 130	20	
Pyridine	ND	5.0	17	22	25.6	32	27	16.9	30 - 130	20	l,m,r
% 2,4,6-Tribromophenol	83	%	94	102	8.2	105	97	7.9	15 - 110	20	
% 2-Fluorobiphenyl	50	%	73	79	7.9	89	82	8.2	30 - 130	20	
% 2-Fluorophenol	23	%	28	33	16.4	48	48	0.0	15 - 110	20	
% Nitrobenzene-d5	40	%	56	63	11.8	76	72	5.4	30 - 130	20	
% Phenol-d5	37	%	48	54	11.8	70	66	5.9	15 - 110	20	
% Terphenyl-d14	76	%	94	101	7.2	99	96	3.1	30 - 130	20	

Comment:

LCSD not reported for this batch.

QA/QC Batch 328783 (ug/L), QC Sample No: BK32376 (BK32367, BK32368, BK32369, BK32370 (2X) , BK32371 (2X) , BK32372, BK32373, BK32374, BK32375, BK32376)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	103	102	1.0				70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	103	101	2.0				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	105	105	0.0				70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	93	94	1.1				70 - 130	30	
1,1-Dichloroethane	ND	1.0	101	99	2.0				70 - 130	30	
1,1-Dichloroethene	ND	1.0	108	105	2.8				70 - 130	30	

QA/QC Data

SDG I.D.: GBK32367

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1-Dichloropropene	ND	1.0	106	103	2.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	113	112	0.9				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	104	102	1.9				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	113	111	1.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	98	97	1.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	108	94	13.9				70 - 130	30
1,2-Dibromoethane	ND	1.0	100	96	4.1				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	100	98	2.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	99	99	0.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	97	98	1.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	106	103	2.9				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	101	100	1.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	99	100	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	100	98	2.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	110	107	2.8				70 - 130	30
2-Chlorotoluene	ND	1.0	106	104	1.9				70 - 130	30
2-Hexanone	ND	5.0	100	99	1.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	102	101	1.0				70 - 130	30
4-Chlorotoluene	ND	1.0	104	102	1.9				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	98	98	0.0				70 - 130	30
Acetone	ND	5.0	83	89	7.0				70 - 130	30
Acrolein	ND	5.0	89	84	5.8				70 - 130	30
Acrylonitrile	ND	5.0	104	95	9.0				70 - 130	30
Benzene	ND	0.70	96	95	1.0				70 - 130	30
Bromobenzene	ND	1.0	103	101	2.0				70 - 130	30
Bromochloromethane	ND	1.0	98	98	0.0				70 - 130	30
Bromodichloromethane	ND	0.50	102	101	1.0				70 - 130	30
Bromoform	ND	1.0	104	107	2.8				70 - 130	30
Bromomethane	ND	1.0	101	100	1.0				70 - 130	30
Carbon Disulfide	ND	1.0	102	99	3.0				70 - 130	30
Carbon tetrachloride	ND	1.0	102	101	1.0				70 - 130	30
Chlorobenzene	ND	1.0	101	101	0.0				70 - 130	30
Chloroethane	ND	1.0	99	97	2.0				70 - 130	30
Chloroform	ND	1.0	99	97	2.0				70 - 130	30
Chloromethane	ND	1.0	95	93	2.1				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	99	98	1.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	101	97	4.0				70 - 130	30
Dibromochloromethane	ND	0.50	103	104	1.0				70 - 130	30
Dibromomethane	ND	1.0	103	98	5.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	90	88	2.2				70 - 130	30
Ethylbenzene	ND	1.0	107	106	0.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	101	94	7.2				70 - 130	30
Isopropylbenzene	ND	1.0	107	107	0.0				70 - 130	30
m&p-Xylene	ND	1.0	106	104	1.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	101	92	9.3				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	106	109	2.8				70 - 130	30
Methylene chloride	ND	1.0	92	93	1.1				70 - 130	30
Naphthalene	ND	1.0	122	121	0.8				70 - 130	30
n-Butylbenzene	ND	1.0	97	94	3.1				70 - 130	30
n-Propylbenzene	ND	1.0	101	98	3.0				70 - 130	30
o-Xylene	ND	1.0	110	107	2.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	103	101	2.0				70 - 130	30
sec-Butylbenzene	ND	1.0	109	104	4.7				70 - 130	30

QA/QC Data

SDG I.D.: GBK32367

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Styrene	ND	1.0	106	107	0.9				70 - 130	30
tert-Butylbenzene	ND	1.0	107	103	3.8				70 - 130	30
Tetrachloroethene	ND	1.0	102	98	4.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	98	96	2.1				70 - 130	30
Toluene	ND	1.0	100	99	1.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	106	103	2.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	98	99	1.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	108	108	0.0				70 - 130	30
Trichloroethene	ND	1.0	106	101	4.8				70 - 130	30
Trichlorofluoromethane	ND	1.0	99	98	1.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	108	104	3.8				70 - 130	30
Vinyl chloride	ND	1.0	98	95	3.1				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	99	98	1.0				70 - 130	30
% Bromofluorobenzene	94	%	101	102	1.0				70 - 130	30
% Dibromofluoromethane	94	%	96	97	1.0				70 - 130	30
% Toluene-d8	101	%	99	100	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

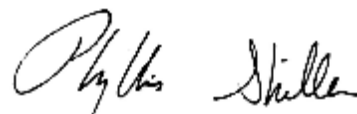
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

January 11, 2016

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK32367 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK32367	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32367	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32367	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32367	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32367	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32367	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32367	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32367	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32367	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32367	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32367	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32367	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32367	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32367	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32367	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK32367	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.545	0.020	0.1	0.1	mg/L
BK32367	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	688	0.11	35	35	mg/L
BK32367	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.777	0.005	0.3	0.3	mg/L
BK32367	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	5290	11	20	20	mg/L
BK32367	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	9.07	0.02	0.3	0.3	mg/L
BK32367	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	662	1.0	35	35	mg/L
BK32367	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	0.758	0.010	0.3	0.3	mg/L
BK32367	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	5390	10	20	20	mg/L
BK32367	SE-WMDP	Selenium	NY / TOGS - Water Quality / GA Criteria	0.018	0.002	0.01	0.01	mg/L
BK32368	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32368	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32368	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32368	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32368	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32368	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32368	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32368	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32368	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32368	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32368	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32368	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32368	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32368	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32368	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BK32368	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.410	0.020	0.1	0.1	mg/L
BK32368	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.36	0.01	0.3	0.3	mg/L

Sample Criteria Exceedences Report

GBK32367 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK32368	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	411	0.11	35	35	mg/L
BK32368	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.672	0.005	0.3	0.3	mg/L
BK32368	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3190	11	20	20	mg/L
BK32368	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	34.3	1.0	0.3	0.3	mg/L
BK32368	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	399	1.0	35	35	mg/L
BK32368	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	0.602	0.010	0.3	0.3	mg/L
BK32368	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	2850	10	20	20	mg/L
BK32369	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32369	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32369	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32369	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32369	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32369	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32369	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32369	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32369	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32369	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32369	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32369	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32369	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32369	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32369	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK32369	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.372	0.020	0.1	0.1	mg/L
BK32369	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	43.9	0.01	35	35	mg/L
BK32369	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.643	0.005	0.3	0.3	mg/L
BK32369	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	122	1.1	20	20	mg/L
BK32369	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	8.79	0.02	0.3	0.3	mg/L
BK32369	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	41.3	1.0	35	35	mg/L
BK32369	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	0.665	0.010	0.3	0.3	mg/L
BK32369	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	132	10	20	20	mg/L
BK32370	\$8260DP25R	Chloromethane	NY / TOGS - Water Quality / GA Criteria	8.3	5.0	5	5	ug/L
BK32370	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L
BK32370	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK32370	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK32370	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32370	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32370	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32370	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32370	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32370	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L

Sample Criteria Exceedences Report

GBK32367 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK32370	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32370	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32370	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32370	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32370	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32370	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BK32370	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.911	0.020	0.1	0.1	mg/L
BK32370	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	288	0.11	35	35	mg/L
BK32370	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.403	0.005	0.3	0.3	mg/L
BK32370	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2310	11	20	20	mg/L
BK32370	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	2.19	0.02	0.3	0.3	mg/L
BK32370	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	269	1.0	35	35	mg/L
BK32370	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	0.404	0.010	0.3	0.3	mg/L
BK32370	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	2390	10	20	20	mg/L
BK32371	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.0006	0.0006	ug/L
BK32371	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK32371	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.04	0.04	ug/L
BK32371	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32371	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32371	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32371	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32371	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32371	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32371	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32371	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32371	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32371	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32371	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32371	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BK32371	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	393	0.11	35	35	mg/L
BK32371	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	6.25	0.053	0.3	0.3	mg/L
BK32371	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2990	11	20	20	mg/L
BK32371	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	422	1.0	35	35	mg/L
BK32371	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	5.61	0.50	0.3	0.3	mg/L
BK32371	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	3220	10	20	20	mg/L
BK32372	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32372	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32372	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32372	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32372	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK32367 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK32372	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32372	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32372	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32372	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32372	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32372	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32372	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32372	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32372	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32372	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK32372	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	21.8	0.01	0.3	0.3	mg/L
BK32372	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	612	0.11	35	35	mg/L
BK32372	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.04	0.005	0.3	0.3	mg/L
BK32372	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	4450	11	20	20	mg/L
BK32372	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	48.8	1.0	0.3	0.3	mg/L
BK32372	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	580	1.0	35	35	mg/L
BK32372	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.10	0.010	0.3	0.3	mg/L
BK32372	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	4830	10	20	20	mg/L
BK32373	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32373	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32373	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32373	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BK32373	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32373	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.02	0.002	0.002	ug/L
BK32373	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BK32373	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.02	0.002	0.002	ug/L
BK32373	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BK32373	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BK32373	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BK32373	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.05	0.02	0.002	0.002	ug/L
BK32373	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32373	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.05	0.02	0.002	0.002	ug/L
BK32373	\$DPPEST_GA	Endosulfan Sulfate	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.15	0.1	0.1	ug/L
BK32373	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.015	0.01	0.01	ug/L
BK32373	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.15	0.01	0.01	ug/L
BK32373	\$DPPEST_GA	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	ug/L
BK32373	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.15	0.01	0.01	ug/L
BK32373	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BK32373	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK32373	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.004	0.004	ug/L
BK32373	\$PCB_WMLDL	PCB-1248	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK32367 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK32373	\$PCB_WMLDL	PCB-1016	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1260	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1221	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1254	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	1.3	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1232	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1242	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1248	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1260	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1232	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1221	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1016	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1254	NY / TOGS - Water Quality / GA Criteria	1.3	0.25	0.09	0.09	ug/L
BK32373	\$PCB_WMLDL	PCB-1242	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.09	0.09	ug/L
BK32373	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	19.4	1.0	0.1	0.1	mg/L
BK32373	AS-WMDP	Arsenic - LDL	NY / TOGS - Water Quality / GA Criteria	0.034	0.008	0.025	0.025	mg/L
BK32373	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	426	0.11	35	35	mg/L
BK32373	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.18	0.005	0.3	0.3	mg/L
BK32373	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2900	11	20	20	mg/L
BK32373	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	48.4	1.0	0.3	0.3	mg/L
BK32373	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	489	1.0	35	35	mg/L
BK32373	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	2.45	0.010	0.3	0.3	mg/L
BK32373	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	3160	10	20	20	mg/L
BK32373	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.224	0.004	0.025	0.025	mg/L
BK32374	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32374	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32374	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32374	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32374	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32374	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32374	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32374	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32374	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32374	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32374	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32374	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32374	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32374	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32374	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK32374	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	247	0.11	35	35	mg/L
BK32374	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	5.46	0.053	0.3	0.3	mg/L
BK32374	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1870	11	20	20	mg/L

Sample Criteria Exceedences Report

GBK32367 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK32374	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	18.2	1.0	0.3	0.3	mg/L
BK32374	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	228	1.0	35	35	mg/L
BK32374	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	5.35	0.50	0.3	0.3	mg/L
BK32374	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	1710	10	20	20	mg/L
BK32375	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32375	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32375	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32375	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32375	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32375	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32375	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32375	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32375	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32375	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32375	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32375	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32375	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32375	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32375	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BK32375	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	3.06	0.020	0.1	0.1	mg/L
BK32375	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	37.7	0.01	35	35	mg/L
BK32375	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	719	11	20	20	mg/L
BK32375	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	6.67	0.02	0.3	0.3	mg/L
BK32375	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	40.2	1.0	35	35	mg/L
BK32375	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	736	10	20	20	mg/L
BK32375	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.047	0.004	0.025	0.025	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.



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NY Temperature Narration

January 11, 2016

SDG I.D.: GBK32367

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: 2401 3RD AVE., BRONX
Sample ID#s: BK32362 - BK32366

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



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**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: Environmental Business Consultants
Project: 2401 3RD AVE., BRONX
Laboratory Project: GBK32362



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NY Analytical Services Protocol Format

January 08, 2016

SDG I.D.: GBK32362

Environmental Business Consultants 2401 3RD AVE., BRONX

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 08, 2016

SDG I.D.: GBK32362

Environmental Business Consultants 2401 3RD AVE., BRONX

Sample Id Cross Reference

Client Id	Lab Id	Matrix
MW3	BK32362	GROUND WATER
MW13D	BK32363	GROUND WATER
MW12D	BK32364	GROUND WATER
DUPLICATE	BK32365	GROUND WATER
TRIP BLANK	BK32366	WATER



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NY Analytical Services Protocol Format

January 08, 2016

SDG I.D.: GBK32362

Environmental Business Consultants 2401 3RD AVE., BRONX

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
BK32362	Aluminum	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Aluminum (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Antimony	12/01/15	12/04/15	12/09/15	RS	Y
BK32362	Antimony, (Dissolved)	12/01/15	12/04/15	12/09/15	RS	Y
BK32362	Arsenic - LDL	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Arsenic, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Barium	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Barium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Beryllium	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Beryllium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Cadmium	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Cadmium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Calcium	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Calcium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Chromium	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Chromium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Cobalt	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Cobalt, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Copper	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Copper, (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Iron	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Iron, (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Lead	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Lead (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Magnesium	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Magnesium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Manganese	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Manganese, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Mercury	12/01/15	12/07/15	12/07/15	MA	Y
BK32362	Mercury (Dissolved)	12/01/15	12/07/15	12/07/15	MA	Y
BK32362	Nickel	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Nickel, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y



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Environmental Business Consultants 2401 3RD AVE., BRONX

BK32362	Pesticides	12/01/15	12/04/15	12/05/15	CE	Y
BK32362	Polychlorinated Biphenyls	12/01/15	12/04/15	12/05/15	AW	Y
BK32362	Potassium	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Potassium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Selenium	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Selenium, (Dissolved)	12/01/15	12/04/15	12/08/15	RS	Y
BK32362	Semivolatiles	12/01/15	12/07/15	12/09/15	DD	Y
BK32362	Silver	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Silver (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Sodium	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Sodium (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Thallium , (Dissolved)	12/01/15	12/04/15	12/08/15	RS	Y
BK32362	Thallium - LDL	12/01/15	12/04/15	12/08/15	RS	Y
BK32362	Vanadium	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Vanadium, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32362	Volatiles	12/01/15	12/07/15	12/07/15	MH	Y
BK32362	Zinc	12/01/15	12/04/15	12/08/15	EK	Y
BK32362	Zinc, (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Aluminum	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Aluminum (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Antimony	12/01/15	12/04/15	12/09/15	RS	Y
BK32363	Antimony, (Dissolved)	12/01/15	12/04/15	12/09/15	RS	Y
BK32363	Arsenic - LDL	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Arsenic, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Barium	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Barium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Beryllium	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Beryllium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Cadmium	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Cadmium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Calcium	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Calcium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Chromium	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Chromium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Cobalt	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Cobalt, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Copper	12/01/15	12/04/15	12/08/15	EK	Y



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BK32363	Copper, (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Iron	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Iron, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Lead	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Lead (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Magnesium	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Magnesium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Manganese	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Manganese, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Mercury	12/01/15	12/07/15	12/07/15	MA	Y
BK32363	Mercury (Dissolved)	12/01/15	12/07/15	12/07/15	MA	Y
BK32363	Nickel	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Nickel, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Pesticides	12/01/15	12/04/15	12/05/15	CE	Y
BK32363	Polychlorinated Biphenyls	12/01/15	12/04/15	12/05/15	AW	Y
BK32363	Potassium	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Potassium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Selenium	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Selenium, (Dissolved)	12/01/15	12/04/15	12/08/15	RS	Y
BK32363	Semivolatiles	12/01/15	12/07/15	12/09/15	DD	Y
BK32363	Silver	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Silver (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Sodium	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Sodium (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Thallium , (Dissolved)	12/01/15	12/04/15	12/08/15	RS	Y
BK32363	Thallium - LDL	12/01/15	12/04/15	12/08/15	RS	Y
BK32363	Vanadium	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Vanadium, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32363	Volatiles	12/01/15	12/05/15	12/05/15	MH	Y
BK32363	Zinc	12/01/15	12/04/15	12/08/15	EK	Y
BK32363	Zinc, (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32364	Aluminum	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Aluminum (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Antimony	12/01/15	12/07/15	12/09/15	RS	Y
BK32364	Antimony, (Dissolved)	12/01/15	12/04/15	12/09/15	RS	Y
BK32364	Arsenic - LDL	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Arsenic, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y



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SDG I.D.: GBK32362

Environmental Business Consultants 2401 3RD AVE., BRONX

BK32364	Barium	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Barium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Beryllium	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Beryllium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Cadmium	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Cadmium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Calcium	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Calcium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Chromium	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Chromium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Cobalt	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Cobalt, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Copper	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Copper, (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32364	Iron	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Iron, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Lead	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Lead (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Magnesium	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Magnesium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Manganese	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Manganese, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Mercury	12/01/15	12/07/15	12/07/15	MA	Y
BK32364	Mercury (Dissolved)	12/01/15	12/07/15	12/07/15	MA	Y
BK32364	Nickel	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Nickel, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Pesticides	12/01/15	12/04/15	12/05/15	CE	Y
BK32364	Polychlorinated Biphenyls	12/01/15	12/04/15	12/05/15	AW	Y
BK32364	Potassium	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Potassium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Selenium	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Selenium, (Dissolved)	12/01/15	12/04/15	12/08/15	RS	Y
BK32364	Semivolatiles	12/01/15	12/07/15	12/09/15	DD	Y
BK32364	Silver	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Silver (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Sodium	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Sodium (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y



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NY Analytical Services Protocol Format

January 08, 2016

SDG I.D.: GBK32362

Environmental Business Consultants 2401 3RD AVE., BRONX

BK32364	Thallium , (Dissolved)	12/01/15	12/04/15	12/08/15	RS	Y
BK32364	Thallium - LDL	12/01/15	12/07/15	12/09/15	RS	Y
BK32364	Vanadium	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Vanadium, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32364	Volatiles	12/01/15	12/06/15	12/06/15	MH	Y
BK32364	Zinc	12/01/15	12/07/15	12/08/15	EK	Y
BK32364	Zinc, (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Aluminum	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Aluminum (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Antimony	12/01/15	12/04/15	12/09/15	RS	Y
BK32365	Antimony, (Dissolved)	12/01/15	12/04/15	12/09/15	RS	Y
BK32365	Arsenic - LDL	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Arsenic, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Barium	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Barium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Beryllium	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Beryllium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Cadmium	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Cadmium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Calcium	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Calcium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Chromium	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Chromium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Cobalt	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Cobalt, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Copper	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Copper, (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Iron	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Iron, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Lead	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Lead (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Magnesium	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Magnesium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Manganese	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Manganese, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Mercury	12/01/15	12/07/15	12/07/15	MA	Y
BK32365	Mercury (Dissolved)	12/01/15	12/07/15	12/07/15	MA	Y



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NY Analytical Services Protocol Format

January 08, 2016

SDG I.D.: GBK32362

Environmental Business Consultants 2401 3RD AVE., BRONX

BK32365	Nickel	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Nickel, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Pesticides	12/01/15	12/04/15	12/05/15	CE	Y
BK32365	Polychlorinated Biphenyls	12/01/15	12/04/15	12/05/15	AW	Y
BK32365	Potassium	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Potassium (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Selenium	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Selenium, (Dissolved)	12/01/15	12/04/15	12/08/15	RS	Y
BK32365	Semivolatiles	12/01/15	12/07/15	12/09/15	DD	Y
BK32365	Silver	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Silver (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Sodium	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Sodium (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Thallium , (Dissolved)	12/01/15	12/04/15	12/08/15	RS	Y
BK32365	Thallium - LDL	12/01/15	12/04/15	12/08/15	RS	Y
BK32365	Vanadium	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Vanadium, (Dissolved)	12/01/15	12/04/15	12/07/15	LK	Y
BK32365	Volatiles	12/01/15	12/08/15	12/08/15	MH	Y
BK32365	Zinc	12/01/15	12/04/15	12/08/15	EK	Y
BK32365	Zinc, (Dissolved)	12/01/15	12/04/15	12/08/15	EK	Y
BK32366	Volatiles	12/01/15	12/05/15	12/05/15	MH	Y



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SDG Comments

January 08, 2016

SDG I.D.: GBK32362

Version 1: Analysis results minus QC and forms.

Version 2: Updated results, minus QC and forms.

Version 3: 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.



Environmental Laboratories, Inc.
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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: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15

Time

17:02

Laboratory Data

SDG ID: GBK32362
Phoenix ID: BK32362

Project ID: 2401 3RD AVE., BRONX
Client ID: MW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	2.24	0.020	0.0048	mg/L	2	12/08/15	EK	SW6010C
Arsenic - LDL	0.005	B 0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.211	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	226	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	< 0.005	0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	0.006	B 0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	0.008	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	0.011	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Aluminum (Dissolved)	0.008	B 0.011	0.005	mg/L	1	12/07/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/07/15	LK	SW6010C
Barium (Dissolved)	0.173	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Calcium (Dissolved)	215	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/07/15	LK	SW6010C
Cobalt, (Dissolved)	0.003	B 0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Copper, (Dissolved)	< 0.011	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	< 0.02	0.02	0.02	mg/L	2	12/08/15	EK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	87.2	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	293	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Manganese, (Dissolved)	1.25	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Sodium (Dissolved)	1950	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	12/07/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/07/15	LK	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Zinc, (Dissolved)	0.005	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	20.2	1.0	1.0	mg/L	100	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium	84	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	286	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	1.25	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Sodium	1900	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	0.006	B 0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	0.023	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	< 0.01	0.01	0.01	mg/L	2	12/08/15	EK	SW6010C
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium	< 0.020	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.022	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/04/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	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	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	35			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	50			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	44			%	1	12/05/15	AW	30 - 150 %
% TCMX	58			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/05/15	MH	SW8260C

Client ID: MW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromomethane	1.7	J 5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloromethane	39	D 10	0.50	ug/L	2	12/07/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	0.27	J 1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/05/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	98			%	1	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	96			%	1	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	95			%	1	12/05/15	MH	70 - 130 %
% Toluene-d8	106			%	1	12/05/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	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	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	84			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	76			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	44			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	70			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	52			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	84			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	106			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	79			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	62			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	83			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	76			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	91			%	1	12/09/15	DD	30 - 130 %

Client ID: MW3

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

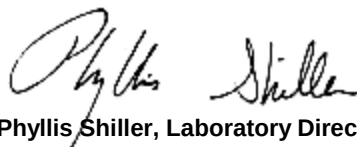
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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 08, 2016

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



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: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15

Time

17:02

Laboratory Data

SDG ID: GBK32362
Phoenix ID: BK32363

Project ID: 2401 3RD AVE., BRONX
Client ID: MW13D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	0.997	0.020	0.0048	mg/L	2	12/08/15	EK	SW6010C
Arsenic - LDL	< 0.008	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.026	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	35.6	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	< 0.005	0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	0.004	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Aluminum (Dissolved)	< 0.011	0.011	0.005	mg/L	1	12/07/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/07/15	LK	SW6010C
Barium (Dissolved)	0.020	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Calcium (Dissolved)	35.1	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/07/15	LK	SW6010C
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Copper, (Dissolved)	< 0.011	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	< 0.01	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	37.1	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	55.9	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Manganese, (Dissolved)	0.099	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Sodium (Dissolved)	832	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	12/07/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/07/15	LK	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Zinc, (Dissolved)	0.005	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	2.94	0.02	0.02	mg/L	2	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium	34	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	60.9	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	0.114	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Sodium	780	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	< 0.008	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	< 0.004	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	< 0.01	0.01	0.01	mg/L	2	12/08/15	EK	SW6010C
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium	< 0.020	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.008	B 0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/04/15	AG	SW3050B

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	CE	SW8081B

Client ID: MW13D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	34			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	53			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	46			%	1	12/05/15	AW	30 - 150 %
% TCMX	54			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Acetone	3.3	JS 5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/05/15	MH	SW8260C

Client ID: MW13D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromomethane	0.67	J 5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloromethane	16	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	5.1	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/05/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	101			%	1	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	95			%	1	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	100			%	1	12/05/15	MH	70 - 130 %
% Toluene-d8	103			%	1	12/05/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D

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Client ID: MW13D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	90			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	78			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	41			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	72			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	59			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	91			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	116			%	1	12/09/15	DD	15 - 110 % 3
% 2-Fluorobiphenyl	83			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	59			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	80			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	74			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	100			%	1	12/09/15	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.

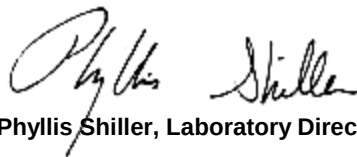
Semi-Volatile Comment:

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 08, 2016

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



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: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15

Time

17:02

Laboratory Data

SDG ID: GBK32362
Phoenix ID: BK32364

Project ID: 2401 3RD AVE., BRONX
Client ID: MW12D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	37.9	1.0	0.24	mg/L	100	12/08/15	EK	SW6010C
Arsenic - LDL	< 0.008	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.311	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	0.003	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	113	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	0.002	B 0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	0.039	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	0.094	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	0.132	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Aluminum (Dissolved)	0.008	B 0.011	0.005	mg/L	1	12/07/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/07/15	LK	SW6010C
Barium (Dissolved)	0.075	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Calcium (Dissolved)	71.1	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/07/15	LK	SW6010C
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Copper, (Dissolved)	0.003	B 0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	< 0.01	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	60.7	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	148	0.11	0.11	mg/L	10	12/07/15	LK	SW6010C
Manganese, (Dissolved)	0.609	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Sodium (Dissolved)	1420	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	12/07/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/07/15	LK	SW6010C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Zinc, (Dissolved)	0.004	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	78.9	1.0	1.0	mg/L	100	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium	72.3	0.2	0.2	mg/L	2	12/08/15	EK	SW6010C
Magnesium	174	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	1.46	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Sodium	1290	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	0.096	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	0.053	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	< 0.01	0.01	0.01	mg/L	2	12/08/15	EK	SW6010C
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/09/15	RS	SW7010
Vanadium	0.085	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.462	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/07/15	AG	SW3050B

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	CE	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	43			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	64			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	57			%	1	12/05/15	AW	30 - 150 %
% TCMX	63			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/07/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/07/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/07/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/07/15	MH	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	12/07/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/07/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/07/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/07/15	MH	SW8260C

Client ID: MW12D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Chloromethane	2.4	J 5.0	0.25	ug/L	1	12/07/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/07/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/07/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/07/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	100	D 10	2.5	ug/L	10	12/06/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/07/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/07/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/07/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/07/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/07/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/07/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/07/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	103			%	1	12/07/15	MH	70 - 130 %
% Bromofluorobenzene	93			%	1	12/07/15	MH	70 - 130 %
% Dibromofluoromethane	103			%	1	12/07/15	MH	70 - 130 %
% Toluene-d8	102			%	1	12/07/15	MH	70 - 130 %
Client MS/MSD	Completed					12/09/15		

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D

Client ID: MW12D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	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	12/09/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	93			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	81			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	39			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	67			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	53			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	82			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	114			%	1	12/09/15	DD	15 - 110 % 3
% 2-Fluorobiphenyl	82			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	55			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	77			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	71			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	101			%	1	12/09/15	DD	30 - 130 %

Client ID: MW12D

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:

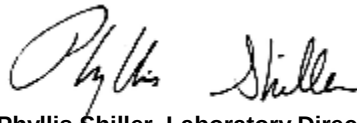
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:

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 08, 2016

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



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: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15

Time

17:02

Laboratory Data

SDG ID: GBK32362
Phoenix ID: BK32365

Project ID: 2401 3RD AVE., BRONX
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Aluminum	1.05	0.020	0.0048	mg/L	2	12/08/15	EK	SW6010C
Arsenic - LDL	< 0.008	0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Barium	0.026	0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Beryllium	< 0.002	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Calcium	35.7	1.0	0.30	mg/L	100	12/08/15	EK	SW6010C
Cadmium	< 0.005	0.005	0.0010	mg/L	2	12/08/15	EK	SW6010C
Cobalt	< 0.010	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Chromium	0.004	0.002	0.002	mg/L	2	12/08/15	EK	SW6010C
Copper	0.004	B 0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Silver (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Aluminum (Dissolved)	< 0.011	0.011	0.005	mg/L	1	12/07/15	LK	SW6010C
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	1	12/07/15	LK	SW6010C
Barium (Dissolved)	0.020	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Calcium (Dissolved)	34.8	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	1	12/07/15	LK	SW6010C
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	1	12/07/15	LK	SW6010C
Copper, (Dissolved)	< 0.011	0.011	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron, (Dissolved)	0.03	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium (Dissolved)	35.7	1.1	0.11	mg/L	10	12/07/15	LK	SW6010C
Magnesium (Dissolved)	55.3	0.01	0.01	mg/L	1	12/07/15	LK	SW6010C
Manganese, (Dissolved)	0.099	0.005	0.001	mg/L	1	12/07/15	LK	SW6010C
Sodium (Dissolved)	799	11	11	mg/L	100	12/08/15	EK	SW6010C
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	1	12/07/15	LK	SW6010C
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	1	12/07/15	LK	SW6010C

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	1	12/09/15	RS	SW7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	1	12/08/15	RS	SW7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	1	12/07/15	LK	SW6010C
Zinc, (Dissolved)	0.004	B 0.021	0.002	mg/L	2	12/08/15	EK	SW6010C
Iron	3.08	0.02	0.02	mg/L	2	12/08/15	EK	SW6010C
Mercury	< 0.0002	0.0002	0.00015	mg/L	1	12/07/15	MA	SW7470A
Potassium	36	10	10	mg/L	100	12/08/15	EK	SW6010C
Magnesium	53.2	1.0	0.10	mg/L	100	12/08/15	EK	SW6010C
Manganese	0.119	0.010	0.002	mg/L	2	12/08/15	EK	SW6010C
Sodium	818	10	10	mg/L	100	12/08/15	EK	SW6010C
Nickel	0.006	B 0.008	0.002	mg/L	2	12/08/15	EK	SW6010C
Lead	< 0.004	0.004	0.002	mg/L	2	12/08/15	EK	SW6010C
Antimony	< 0.002	0.002	0.002	mg/L	1	12/09/15	RS	SW7010
Selenium	< 0.01	0.01	0.01	mg/L	2	12/08/15	EK	SW6010C
Thallium - LDL	< 0.0005	0.0005	0.0005	mg/L	1	12/08/15	RS	SW7010
Vanadium	0.004	B 0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Zinc	0.009	B 0.020	0.002	mg/L	2	12/08/15	EK	SW6010C
Filtration	Completed					12/04/15	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					12/07/15	W/W	SW7470A
Mercury Digestion	Completed					12/07/15	W/W	SW7470A
PCB Extraction (2 Liter)	Completed					12/04/15	L	SW3510C
Extraction for Pest (2 Liter)	Completed					12/04/15	L	SW3510C
Semi-Volatile Extraction	Completed					12/07/15	E/D/D	SW3520C
Dissolved Metals Preparation	Completed					12/04/15	AG	SW3005A
Total Metals Digestion	Completed					12/04/15	AG	SW3050B

B*

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDE	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
4,4' -DDT	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
a-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
a-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Alachlor	ND	0.075	0.075	ug/L	1	12/05/15	CE	SW8081B
Aldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
b-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Chlordane	ND	0.050	0.050	ug/L	1	12/05/15	CE	SW8081B
d-BHC	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
Dieldrin	ND	0.002	0.002	ug/L	1	12/05/15	CE	SW8081B
Endosulfan I	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan II	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endosulfan Sulfate	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin Aldehyde	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Endrin ketone	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
g-BHC (Lindane)	ND	0.005	0.005	ug/L	1	12/05/15	CE	SW8081B
g-chlordane	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Heptachlor epoxide	ND	0.010	0.010	ug/L	1	12/05/15	CE	SW8081B
Methoxychlor	ND	0.10	0.10	ug/L	1	12/05/15	CE	SW8081B

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Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Toxaphene	ND	0.20	0.20	ug/L	1	12/05/15	CE	SW8081B
<u>QA/QC Surrogates</u>								
%DCBP (Surrogate Rec)	39			%	1	12/05/15	CE	SW8081B
%TCMX (Surrogate Rec)	55			%	1	12/05/15	CE	SW8081B
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1221	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1232	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1242	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1248	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1254	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1260	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1262	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
PCB-1268	ND	0.050	0.050	ug/L	1	12/05/15	AW	E608/SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	50			%	1	12/05/15	AW	30 - 150 %
% TCMX	57			%	1	12/05/15	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/08/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/08/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/08/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/08/15	MH	SW8260C
Acetone	ND	5.0	2.5	ug/L	1	12/08/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/08/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/08/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/08/15	MH	SW8260C

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bromobenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Chloromethane	15	5.0	0.25	ug/L	1	12/08/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/08/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/08/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/08/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	5.1	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/08/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/08/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/08/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/08/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/08/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/08/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/08/15	MH	SW8260C
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	102			%	1	12/08/15	MH	70 - 130 %
% Bromofluorobenzene	92			%	1	12/08/15	MH	70 - 130 %
% Dibromofluoromethane	105			%	1	12/08/15	MH	70 - 130 %
% Toluene-d8	102			%	1	12/08/15	MH	70 - 130 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	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	12/09/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	1	12/09/15	DD	SW8270D
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
2-Chloronaphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
2-Chlorophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Methylnaphthalene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
2-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	1	12/09/15	DD	SW8270D
3-Nitroaniline	ND	5.0	5.0	ug/L	1	12/09/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
4-Chloroaniline	ND	3.5	2.3	ug/L	1	12/09/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitroaniline	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
4-Nitrophenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Acenaphthene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Acetophenone	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Aniline	ND	3.5	5.0	ug/L	1	12/09/15	DD	SW8270D
Anthracene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Benzidine	ND	4.5	2.9	ug/L	1	12/09/15	DD	SW8270D
Benzoic acid	ND	25	10	ug/L	1	12/09/15	DD	SW8270D
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Carbazole	ND	25	3.8	ug/L	1	12/09/15	DD	SW8270D
Dibenzofuran	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Diethyl phthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Dimethylphthalate	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Di-n-butylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Di-n-octylphthalate	ND	5.0	1.3	ug/L	1	12/09/15	DD	SW8270D
Fluoranthene	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D
Fluorene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	1	12/09/15	DD	SW8270D
Isophorone	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
Naphthalene	ND	5.0	1.4	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	1	12/09/15	DD	SW8270D

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	1	12/09/15	DD	SW8270D
Phenol	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D
Pyrene	ND	5.0	1.7	ug/L	1	12/09/15	DD	SW8270D
Pyridine	ND	10	1.2	ug/L	1	12/09/15	DD	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	93			%	1	12/09/15	DD	15 - 110 %
% 2-Fluorobiphenyl	70			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	29			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	54			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	45			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	85			%	1	12/09/15	DD	30 - 130 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	1	12/09/15	DD	SW8270D (SIM) B
Chrysene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	1	12/09/15	DD	SW8270D (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	1	12/09/15	DD	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	1	12/09/15	DD	SW8270D (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	1	12/09/15	DD	SW8270D (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	1	12/09/15	DD	SW8270D (SIM) B
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	113			%	1	12/09/15	DD	15 - 110 % 3
% 2-Fluorobiphenyl	73			%	1	12/09/15	DD	30 - 130 %
% 2-Fluorophenol	47			%	1	12/09/15	DD	15 - 110 %
% Nitrobenzene-d5	66			%	1	12/09/15	DD	30 - 130 %
% Phenol-d5	61			%	1	12/09/15	DD	15 - 110 %
% Terphenyl-d14	92			%	1	12/09/15	DD	30 - 130 %

Client ID: 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.

B = Present in blank, no bias suspected.

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

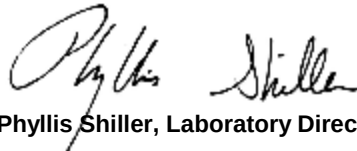
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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.

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: Phyllis Shiller, Laboratory Director



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



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

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15

Time

17:02

Laboratory Data

SDG ID: GBK32362
Phoenix ID: BK32366

Project ID: 2401 3RD AVE., BRONX
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	0.50	ug/L	1	12/05/15	MH	SW8260C
1,2-Dibromoethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloroethane	ND	0.60	0.25	ug/L	1	12/05/15	MH	SW8260C
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
2-Hexanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrolein	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Acrylonitrile	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Benzene	ND	0.70	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromobenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromodichloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromoform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Bromomethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon Disulfide	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Carbon tetrachloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chlorobenzene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloroform	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Chloromethane	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromochloromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dibromomethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Ethylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Hexachlorobutadiene	ND	0.50	0.20	ug/L	1	12/05/15	MH	SW8260C
Isopropylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
m&p-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methyl ethyl ketone	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Methylene chloride	ND	3.0	1.0	ug/L	1	12/05/15	MH	SW8260C
Naphthalene	ND	1.0	1.0	ug/L	1	12/05/15	MH	SW8260C
n-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
n-Propylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
o-Xylene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
p-Isopropyltoluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
sec-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Styrene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
tert-Butylbenzene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrachloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Tetrahydrofuran (THF)	ND	5.0	2.5	ug/L	1	12/05/15	MH	SW8260C
Toluene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,2-Dichloroethene	ND	5.0	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	0.25	ug/L	1	12/05/15	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	2.5	ug/L	1	12/05/15	MH	SW8260C
Trichloroethene	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorofluoromethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
Vinyl chloride	ND	1.0	0.25	ug/L	1	12/05/15	MH	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	1	12/05/15	MH	70 - 130 %
% Bromofluorobenzene	97			%	1	12/05/15	MH	70 - 130 %
% Dibromofluoromethane	96			%	1	12/05/15	MH	70 - 130 %

1

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	105			%	1	12/05/15	MH	70 - 130 %

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

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

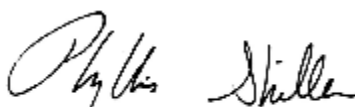
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TRIP BLANK INCLUDED.

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: Phyllis Shiller, Laboratory Director



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QA/QC Report

January 08, 2016

QA/QC Data

SDG I.D.: GBK32362

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCS %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 328650 (mg/L), QC Sample No: BK31989 (BK32362, BK32363, BK32365)													
<u>ICP Metals - Aqueous</u>													
Aluminum	BRL	0.010	0.692	0.693	0.10	97.0	98.4	1.4	88.4	84.6	4.4	80 - 120	20
Arsenic	BRL	0.004	<0.004	<0.004	NC	98.1	101	2.9	102	98.8	3.2	80 - 120	20
Barium	BRL	0.002	0.099	0.100	1.00	103	106	2.9	104	105	1.0	80 - 120	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	103	103	0.0	109	110	0.9	80 - 120	20
Cadmium	BRL	0.001	<0.001	<0.001	NC	99.1	102	2.9	107	102	4.8	80 - 120	20
Calcium	BRL	0.010	37.3	39.4	5.50	101	102	1.0	NC	NC	NC	80 - 120	20
Chromium	BRL	0.001	<0.001	<0.001	NC	97.8	99.8	2.0	106	100	5.8	80 - 120	20
Cobalt	BRL	0.002	<0.002	<0.002	NC	103	105	1.9	103	98.3	4.7	80 - 120	20
Copper	BRL	0.005	0.002	0.002	NC	101	101	0.0	103	105	1.9	80 - 120	20
Iron	BRL	0.010	0.077	0.081	5.10	102	103	1.0	113	106	6.4	80 - 120	20
Lead	BRL	0.002	<0.002	<0.002	NC	99.4	101	1.6	109	102	6.6	80 - 120	20
Magnesium	BRL	0.01	6.37	7.08	10.6	99.4	101	1.6	NC	NC	NC	80 - 120	20
Manganese	BRL	0.001	0.024	0.025	4.10	99.1	102	2.9	104	99.0	4.9	80 - 120	20
Nickel	0.002	0.001	<0.001	0.002	NC	103	105	1.9	113	108	4.5	80 - 120	20
Potassium	BRL	0.1	4.8	4.6	4.30	98.3	99.6	1.3	95.3	113	17.0	80 - 120	20
Selenium	BRL	0.010	<0.010	<0.010	NC	97.4	99.9	2.5	95.1	94.9	0.2	80 - 120	20
Silver	BRL	0.001	<0.001	<0.001	NC	99.0	99.9	0.9	103	105	1.9	70 - 130	30
Sodium	BRL	0.1	49.1	51.3	4.40	95.1	96.4	1.4	NC	NC	NC	80 - 120	20
Vanadium	BRL	0.002	<0.002	<0.002	NC	99.2	100	0.8	104	105	1.0	80 - 120	20
Zinc	BRL	0.002	0.016	0.017	6.10	97.5	101	3.5	104	98.8	5.1	80 - 120	20
QA/QC Batch 328614 (mg/L), QC Sample No: BK32153 (BK32364)													
Antimony - Water	BRL	0.003	<0.002	<0.003	NC	100	98.3	1.7	105	104	1.0	75 - 125	20
Thallium - Water	BRL	0.001	<0.001	<0.001	NC	96.7	98.0	1.3	113	104	8.3	75 - 125	20
QA/QC Batch 328811 (mg/L), QC Sample No: BK32364 (BK32364)													
<u>ICP Metals - Aqueous</u>													
Aluminum	BRL	0.010	37.9	38.2	0.80	99.2	101	1.8	NC	NC	NC	80 - 120	20
Arsenic	BRL	0.004	<0.008	<0.008	NC	101	98.4	2.6	105	95.2	9.8	80 - 120	20
Barium	BRL	0.002	0.311	0.321	3.20	105	107	1.9	112	107	4.6	80 - 120	20
Beryllium	BRL	0.001	0.003	0.004	NC	106	107	0.9	112	109	2.7	80 - 120	20
Cadmium	BRL	0.001	0.002	0.002	NC	104	102	1.9	112	108	3.6	80 - 120	20
Calcium	BRL	0.010	113	113	0	105	105	0.0	NC	NC	NC	80 - 120	20
Chromium	BRL	0.001	0.094	0.099	5.20	101	97.4	3.6	112	101	10.3	80 - 120	20
Cobalt	BRL	0.002	0.039	0.039	0	105	102	2.9	110	108	1.8	80 - 120	20
Copper	BRL	0.005	0.132	0.148	11.4	102	104	1.9	94.2	97.1	3.0	80 - 120	20
Iron	BRL	0.010	78.9	77.1	2.30	104	101	2.9	NC	NC	NC	80 - 120	20
Lead	BRL	0.002	0.053	0.057	7.30	102	99.1	2.9	109	104	4.7	80 - 120	20
Magnesium	BRL	0.01	174	169	2.90	101	99.4	1.6	NC	NC	NC	80 - 120	20
Manganese	BRL	0.001	1.46	1.53	4.70	102	100	2.0	107	94.3	12.6	80 - 120	20
Nickel	0.003	0.001	0.096	0.099	3.10	106	103	2.9	95.1	119	22.3	80 - 120	20
Potassium	BRL	0.1	72.3	68.1	6.00	91.4	101	10.0	NC	NC	NC	80 - 120	20

QA/QC Data

SDG I.D.: GBK32362

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Selenium	BRL	0.005	<0.020	<0.020	NC	100	98.3	1.7	113	111	1.8	80 - 120	20
Silver	BRL	0.001	<0.010	0.002	NC	101	102	1.0	102	91.8	10.5	70 - 130	30
Sodium	BRL	0.1	1290	1360	5.30	89.5	97.2	8.2	NC	NC	NC	80 - 120	20
Vanadium	BRL	0.002	0.085	0.088	3.50	102	102	0.0	118	111	6.1	80 - 120	20
Zinc	BRL	0.002	0.462	0.484	4.70	102	98.8	3.2	109	102	6.6	80 - 120	20

QA/QC Batch 328665 (mg/L), QC Sample No: BK32364 (BK32362, BK32363, BK32364, BK32365)

ICP Metals - Dissolved

Aluminum	BRL	0.011	0.008	0.011	NC	87.5	87.9	0.5	98.4	99.0	0.6	80 - 120	20
Arsenic	BRL	0.004	<0.003	<0.004	NC	92.5	93.6	1.2	99.5	100	0.5	80 - 120	20
Barium	BRL	0.002	0.075	0.074	1.30	91.4	92.0	0.7	86.3	86.3	0.0	80 - 120	20
Beryllium	BRL	0.001	<0.001	<0.001	NC	96.0	97.4	1.4	95.0	95.3	0.3	80 - 120	20
Cadmium	BRL	0.001	<0.004	<0.001	NC	95.1	96.5	1.5	93.7	94.8	1.2	80 - 120	20
Calcium	BRL	0.01	71.1	69.8	1.80	95.2	96.9	1.8	NC	NC	NC	80 - 120	20
Chromium	BRL	0.001	<0.001	<0.001	NC	94.1	95.7	1.7	94.8	95.7	0.9	80 - 120	20
Cobalt	BRL	0.001	<0.005	<0.001	NC	93.8	94.9	1.2	94.6	95.2	0.6	80 - 120	20
Copper	BRL	0.005	0.003	0.003	NC	90.7	90.9	0.2	90.5	88.3	2.5	80 - 120	20
Iron	BRL	0.011	<0.01	<0.011	NC	93.3	95.0	1.8	92.0	92.5	0.5	80 - 120	20
Lead	BRL	0.002	<0.002	<0.002	NC	93.9	95.0	1.2	95.3	96.1	0.8	80 - 120	20
Magnesium	BRL	0.01	148	143	3.40	92.8	94.2	1.5	NC	NC	NC	80 - 120	20
Manganese	BRL	0.001	0.609	0.595	2.30	96.0	96.7	0.7	91.5	91.9	0.4	80 - 120	20
Nickel	BRL	0.001	0.002	0.002	NC	94.3	95.4	1.2	92.5	93.6	1.2	80 - 120	20
Potassium	BRL	0.1	60.7	58.1	4.40	84.7	83.5	1.4	NC	NC	NC	80 - 120	20
Silver	BRL	0.001	<0.005	<0.001	NC	93.2	94.1	1.0	101	102	1.0	70 - 130	30
Sodium	BRL	0.11	1420	1350	5.10	82.7	81.4	1.6	NC	NC	NC	80 - 120	20
Vanadium	BRL	0.002	<0.011	<0.002	NC	92.0	92.3	0.3	94.7	95.4	0.7	80 - 120	20
Zinc	BRL	0.002	0.004	0.003	NC	90.3	90.7	0.4	95.6	89.9	6.1	80 - 120	20

QA/QC Batch 328719 (mg/L), QC Sample No: BK32364 (BK32362, BK32363, BK32364, BK32365)

Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0002	NC	92.7	87.3	6.0	92.1	96.3	4.5	75 - 125	20

QA/QC Batch 328718 (mg/L), QC Sample No: BK32364 (BK32362, BK32363, BK32364, BK32365)

Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	92.7	87.3	6.0	92.1	96.3	4.5	75 - 125	20

QA/QC Batch 328666 (mg/L), QC Sample No: BK32364 (BK32362, BK32363, BK32364, BK32365)

Antimony (Dissolved)-LDL	BRL	0.005	<0.003	<0.005	NC	115	127	9.9	120	119	0.8	75 - 125	20	I
Selenium (Dissolved)	BRL	0.002	<0.002	<0.002	NC	120	126	4.9	77.6	79.7	2.7	75 - 125	20	I
Thallium (Dissolved)	BRL	0.002	<0.001	<0.002	NC	112	115	2.6	115	116	0.9	75 - 125	20	

QA/QC Batch 328814 (mg/L), QC Sample No: BK32364 (BK32364)

Antimony - Water	BRL	0.003	<0.003	<0.003	NC	110	101	8.5	79.2	78.8	0.5	75 - 125	20
Thallium - Water	BRL	0.001	<0.001	<0.001	NC	101	93.5	7.7	87.2	91.4	4.7	75 - 125	20

QA/QC Batch 328649 (mg/L), QC Sample No: BK32984 (BK32362, BK32363, BK32365)

Antimony - Water	BRL	0.003	<0.002	<0.003	NC	102	99.8	2.2	98.9	99.0	0.1	75 - 125	20
Thallium - Water	BRL	0.001	<0.001	<0.001	NC	99.4	98.2	1.2	85.3	91.9	7.4	75 - 125	20

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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



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QA/QC Report

January 08, 2016

QA/QC Data

SDG I.D.: GBK32362

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 328656 (ug/L), QC Sample No: BK32364 (BK32362, BK32363, BK32364, BK32365)										
Pesticides - Ground Water										
4,4' -DDD	ND	0.003	75	81	7.7	66	65	1.5	30 - 150	20
4,4' -DDE	ND	0.003	64	68	6.1	55	54	1.8	40 - 140	30
4,4' -DDT	ND	0.003	67	71	5.8	58	57	1.7	30 - 150	20
a-BHC	ND	0.002	71	76	6.8	64	63	1.6	30 - 150	20
a-Chlordane	ND	0.005	70	73	4.2	60	59	1.7	30 - 150	20
Alachlor	ND	0.005	NA	NA	NC	NA	NA	NC	30 - 150	20
Aldrin	ND	0.002	62	66	6.3	51	53	3.8	40 - 140	30
b-BHC	ND	0.002	67	70	4.4	62	60	3.3	30 - 150	20
Chlordane	ND	0.050	63	67	6.2	74	65	12.9	30 - 150	20
d-BHC	ND	0.005	68	72	5.7	63	60	4.9	30 - 150	20
Dieldrin	ND	0.002	63	65	3.1	54	53	1.9	40 - 140	30
Endosulfan I	ND	0.005	70	73	4.2	62	58	6.7	30 - 150	20
Endosulfan II	ND	0.005	70	74	5.6	63	60	4.9	30 - 150	20
Endosulfan sulfate	ND	0.005	66	69	4.4	58	55	5.3	40 - 140	30
Endrin	ND	0.005	79	83	4.9	68	69	1.5	40 - 140	30
Endrin aldehyde	ND	0.005	71	71	0.0	63	56	11.8	30 - 150	20
Endrin ketone	ND	0.005	70	74	5.6	60	58	3.4	30 - 150	20
g-BHC	ND	0.002	74	78	5.3	68	66	3.0	40 - 140	30
g-Chlordane	ND	0.005	63	67	6.2	74	65	12.9	40 - 140	30
Heptachlor	ND	0.005	69	73	5.6	56	57	1.8	40 - 140	30
Heptachlor epoxide	ND	0.005	74	78	5.3	64	63	1.6	30 - 150	20
Methoxychlor	ND	0.005	80	81	1.2	71	65	8.8	30 - 150	20
Toxaphene	ND	0.20	NA	NA	NC	NA	NA	NC	30 - 150	20
% DCBP	60	%	73	75	2.7	38	51	29.2	30 - 150	30
% TCMX	59	%	70	73	4.2	73	73	0.0	30 - 150	30

QA/QC Batch 328654 (ug/L), QC Sample No: BK32364 (BK32362, BK32363, BK32364, BK32365)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	0.050	87	79	9.6	89	86	3.4	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	95	86	9.9	85	87	2.3	30 - 150	20
PCB-1262	ND	0.050							30 - 150	20
PCB-1268	ND	0.050							30 - 150	20
% DCBP (Surrogate Rec)	69	%	97	82	16.8	63	67	6.2	30 - 150	20
% TCMX (Surrogate Rec)	62	%	89	86	3.4	85	88	3.5	30 - 150	20

QA/QC Data

SDG I.D.: GBK32362

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 328893 (ug/L), QC Sample No: BK32364 (BK32362 (2X) , BK32364, BK32365)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	95	91	4.3	106	112	5.5	70 - 130	30
1,1,1-Trichloroethane	ND	1.0	84	81	3.6	106	114	7.3	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	108	104	3.8	115	126	9.1	70 - 130	30
1,1,2-Trichloroethane	ND	1.0	103	97	6.0	111	121	8.6	70 - 130	30
1,1-Dichloroethane	ND	1.0	97	94	3.1	117	124	5.8	70 - 130	30
1,1-Dichloroethene	ND	1.0	85	82	3.6	107	112	4.6	70 - 130	30
1,1-Dichloropropene	ND	1.0	87	85	2.3	107	109	1.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	101	97	4.0	97	111	13.5	70 - 130	30
1,2,3-Trichloropropane	ND	1.0	101	92	9.3	106	112	5.5	70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	106	103	2.9	98	104	5.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	89	84	5.8	93	96	3.2	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	104	95	9.0	108	120	10.5	70 - 130	30
1,2-Dibromoethane	ND	1.0	99	97	2.0	104	117	11.8	70 - 130	30
1,2-Dichlorobenzene	ND	1.0	98	92	6.3	100	108	7.7	70 - 130	30
1,2-Dichloroethane	ND	1.0	97	93	4.2	104	113	8.3	70 - 130	30
1,2-Dichloropropane	ND	1.0	99	96	3.1	112	120	6.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	89	84	5.8	96	100	4.1	70 - 130	30
1,3-Dichlorobenzene	ND	1.0	96	90	6.5	97	102	5.0	70 - 130	30
1,3-Dichloropropane	ND	1.0	103	98	5.0	111	122	9.4	70 - 130	30
1,4-Dichlorobenzene	ND	1.0	95	88	7.7	96	100	4.1	70 - 130	30
2,2-Dichloropropane	ND	1.0	83	81	2.4	104	113	8.3	70 - 130	30
2-Chlorotoluene	ND	1.0	94	88	6.6	102	106	3.8	70 - 130	30
2-Hexanone	ND	5.0	103	100	3.0	117	123	5.0	70 - 130	30
2-Isopropyltoluene	ND	1.0	94	88	6.6	101	106	4.8	70 - 130	30
4-Chlorotoluene	ND	1.0	95	87	8.8	100	103	3.0	70 - 130	30
4-Methyl-2-pentanone	ND	5.0	112	108	3.6	127	142	11.2	70 - 130	30 m
Acetone	ND	5.0	99	98	1.0	151	173	13.6	70 - 130	30 m
Acrolein	ND	5.0	121	111	8.6	110	117	6.2	70 - 130	30
Acrylonitrile	ND	5.0	109	100	8.6	110	119	7.9	70 - 130	30
Benzene	ND	0.70	100	96	4.1	118	125	5.8	70 - 130	30
Bromobenzene	ND	1.0	93	90	3.3	101	107	5.8	70 - 130	30
Bromochloromethane	ND	1.0	105	102	2.9	113	125	10.1	70 - 130	30
Bromodichloromethane	ND	0.50	102	99	3.0	109	121	10.4	70 - 130	30
Bromoform	ND	1.0	100	97	3.0	106	119	11.6	70 - 130	30
Bromomethane	ND	1.0	80	80	0.0	69	76	9.7	70 - 130	30 m
Carbon Disulfide	ND	1.0	84	81	3.6	105	111	5.6	70 - 130	30
Carbon tetrachloride	ND	1.0	81	79	2.5	105	110	4.7	70 - 130	30
Chlorobenzene	ND	1.0	94	92	2.2	105	114	8.2	70 - 130	30
Chloroethane	ND	1.0	86	84	2.4	113	127	11.7	70 - 130	30
Chloroform	ND	1.0	98	94	4.2	114	121	6.0	70 - 130	30
Chloromethane	ND	1.0	95	91	4.3	>200	177	NC	70 - 130	30 m
cis-1,2-Dichloroethene	ND	1.0	102	99	3.0	121	130	7.2	70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	101	95	6.1	109	119	8.8	70 - 130	30
Dibromochloromethane	ND	0.50	101	97	4.0	104	118	12.6	70 - 130	30
Dibromomethane	ND	1.0	102	98	4.0	108	120	10.5	70 - 130	30
Dichlorodifluoromethane	ND	1.0	80	78	2.5	102	100	2.0	70 - 130	30
Ethylbenzene	ND	1.0	93	92	1.1	107	114	6.3	70 - 130	30
Hexachlorobutadiene	ND	0.40	111	108	2.7	110	102	7.5	70 - 130	30
Isopropylbenzene	ND	1.0	89	85	4.6	100	105	4.9	70 - 130	30
m&p-Xylene	ND	1.0	93	90	3.3	105	110	4.7	70 - 130	30

QA/QC Data

SDG I.D.: GBK32362

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methyl ethyl ketone	ND	5.0	113	122	7.7	124	142	13.5	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	103	99	4.0	NC	NC	NC	70 - 130	30	
Methylene chloride	ND	1.0	115	110	4.4	132	140	5.9	70 - 130	30	m
Naphthalene	ND	1.0	108	104	3.8	108	129	17.7	70 - 130	30	
n-Butylbenzene	ND	1.0	94	89	5.5	96	89	7.6	70 - 130	30	
n-Propylbenzene	ND	1.0	84	80	4.9	93	93	0.0	70 - 130	30	
o-Xylene	ND	1.0	98	94	4.2	112	119	6.1	70 - 130	30	
p-Isopropyltoluene	ND	1.0	88	83	5.8	94	93	1.1	70 - 130	30	
sec-Butylbenzene	ND	1.0	89	84	5.8	99	99	0.0	70 - 130	30	
Styrene	ND	1.0	101	98	3.0	111	118	6.1	70 - 130	30	
tert-Butylbenzene	ND	1.0	86	82	4.8	98	103	5.0	70 - 130	30	
Tetrachloroethene	ND	1.0	81	80	1.2	95	94	1.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	118	115	2.6	132	141	6.6	70 - 130	30	m
Toluene	ND	1.0	97	94	3.1	114	118	3.4	70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	105	99	5.9	122	129	5.6	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	98	95	3.1	107	117	8.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	114	104	9.2	115	125	8.3	70 - 130	30	
Trichloroethene	ND	1.0	91	88	3.4	106	109	2.8	70 - 130	30	
Trichlorofluoromethane	ND	1.0	82	80	2.5	104	112	7.4	70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	75	69	8.3	90	85	5.7	70 - 130	30	l
Vinyl chloride	ND	1.0	91	88	3.4	119	128	7.3	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	101	97	4.0	100	101	1.0	70 - 130	30	
% Bromofluorobenzene	93	%	102	101	1.0	101	103	2.0	70 - 130	30	
% Dibromofluoromethane	103	%	103	104	1.0	105	101	3.9	70 - 130	30	
% Toluene-d8	102	%	100	100	0.0	101	101	0.0	70 - 130	30	

QA/QC Batch 328804 (ug/L), QC Sample No: BK32364 (BK32362, BK32363, BK32364, BK32365)

Semivolatiles (SIM) - Ground Water

1,2,4,5-Tetrachlorobenzene	ND	0.50	73	85	15.2	85	106	22.0	30 - 130	20	r
Acenaphthylene	ND	0.02	90	79	13.0	98	129	27.3	30 - 130	20	r
Benz(a)anthracene	ND	0.02	89	100	11.6	94	123	26.7	30 - 130	20	r
Benzo(a)pyrene	ND	0.02	85	90	5.7	83	113	30.6	30 - 130	20	r
Benzo(b)fluoranthene	ND	0.02	87	98	11.9	98	118	18.5	30 - 130	20	
Benzo(ghi)perylene	ND	0.02	82	90	9.3	86	105	19.9	30 - 130	20	
Benzo(k)fluoranthene	ND	0.02	89	103	14.6	93	124	28.6	30 - 130	20	r
Bis(2-ethylhexyl)phthalate	0.09 B	0.05	98	105	6.9	132	129	2.3	30 - 130	20	m
Chrysene	ND	0.02	89	101	12.6	94	124	27.5	30 - 130	20	r
Dibenz(a,h)anthracene	ND	0.01	87	101	14.9	94	111	16.6	30 - 130	20	
Hexachlorobenzene	ND	0.02	94	104	10.1	106	130	20.3	30 - 130	20	
Hexachlorobutadiene	ND	0.05	47	60	24.3	70	95	30.3	30 - 130	20	r
Hexachloroethane	ND	0.05	41	55	29.2	64	90	33.8	30 - 130	20	r
Indeno(1,2,3-cd)pyrene	ND	0.02	83	96	14.5	89	106	17.4	30 - 130	20	
Nitrobenzene	ND	0.05	60	76	23.5	85	107	22.9	30 - 130	20	r
Pentachloronitrobenzene	ND	0.10	92	98	6.3	103	122	16.9	30 - 130	20	
Pentachlorophenol	ND	0.20	95	116	19.9	121	153	23.4	30 - 130	20	m,r
Phenanthrene	0.02 B	0.02	90	100	10.5	96	123	24.7	30 - 130	20	r
% 2,4,6-Tribromophenol	85	%	100	119	17.4	115	149	25.8	15 - 110	20	l,m,r
% 2-Fluorobiphenyl	55	%	76	94	21.2	87	114	26.9	30 - 130	20	r
% 2-Fluorophenol	35	%	35	43	20.5	57	84	38.3	15 - 110	20	r
% Nitrobenzene-d5	45	%	58	68	15.9	77	103	28.9	30 - 130	20	r
% Phenol-d5	48	%	53	58	9.0	76	101	28.2	15 - 110	20	r
% Terphenyl-d14	85	%	85	111	26.5	85	126	38.9	30 - 130	20	r

QA/QC Data

SDG I.D.: GBK32362

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Comment:											
LCSD not reported for this batch.											
QA/QC Batch 328804 (ug/L), QC Sample No: BK32364 (BK32362, BK32363, BK32364, BK32365)											
<u>Semivolatiles - Ground Water</u>											
1,2,4-Trichlorobenzene	ND	3.5	49	66	29.6	73	75	2.7	30 - 130	20	r
1,2-Dichlorobenzene	ND	1.0	41	47	13.6	62	63	1.6	30 - 130	20	
1,2-Diphenylhydrazine	ND	1.6	83	79	4.9	93	86	7.8	30 - 130	20	
1,3-Dichlorobenzene	ND	1.0	38	47	21.2	58	57	1.7	30 - 130	20	r
1,4-Dichlorobenzene	ND	1.0	38	47	21.2	63	61	3.2	30 - 130	20	r
2,4,5-Trichlorophenol	ND	1.0	92	97	5.3	103	95	8.1	30 - 130	20	
2,4,6-Trichlorophenol	ND	1.0	92	100	8.3	107	100	6.8	30 - 130	20	
2,4-Dichlorophenol	ND	1.0	80	98	20.2	96	95	1.0	30 - 130	20	
2,4-Dimethylphenol	ND	1.0	74	94	23.8	92	88	4.4	30 - 130	20	r
2,4-Dinitrophenol	ND	1.0	112	127	12.6	126	120	4.9	30 - 130	20	
2,4-Dinitrotoluene	ND	3.5	93	98	5.2	104	95	9.0	30 - 130	20	m
2,6-Dinitrotoluene	ND	3.5	91	96	5.3	98	97	1.0	30 - 130	20	
2-Chloronaphthalene	ND	3.5	78	84	7.4	95	88	7.7	30 - 130	20	
2-Chlorophenol	ND	1.0	46	53	14.1	71	70	1.4	30 - 130	20	
2-Methylnaphthalene	ND	3.5	71	90	23.6	85	83	2.4	30 - 130	20	r
2-Methylphenol (o-cresol)	ND	1.0	70	77	9.5	94	87	7.7	30 - 130	20	
2-Nitroaniline	ND	3.5	92	86	6.7	95	89	6.5	30 - 130	20	
2-Nitrophenol	ND	1.0	62	81	26.6	86	80	7.2	30 - 130	20	r
3&4-Methylphenol (m&p-cresol)	ND	1.0	74	85	13.8	90	88	2.2	30 - 130	20	
3,3'-Dichlorobenzidine	ND	5.0	52	13	120.0	<10	<10	NC	30 - 130	20	l,m,r
3-Nitroaniline	ND	5.0	92	67	31.4	91	73	22.0	30 - 130	20	r
4,6-Dinitro-2-methylphenol	ND	1.0	101	114	12.1	113	105	7.3	30 - 130	20	
4-Bromophenyl phenyl ether	ND	3.5	99	106	6.8	101	100	1.0	30 - 130	20	
4-Chloro-3-methylphenol	ND	1.0	94	111	16.6	101	97	4.0	30 - 130	20	
4-Chloroaniline	ND	3.5	75	64	15.8	76	64	17.1	30 - 130	20	
4-Chlorophenyl phenyl ether	ND	1.0	88	96	8.7	101	93	8.2	30 - 130	20	
4-Nitroaniline	ND	5.0	94	97	3.1	102	95	7.1	30 - 130	20	
4-Nitrophenol	ND	1.0	101	110	8.5	114	108	5.4	30 - 130	20	
Acenaphthene	ND	1.5	84	93	10.2	99	92	7.3	30 - 130	20	
Acetophenone	ND	3.5	62	70	12.1	79	77	2.6	30 - 130	20	
Aniline	ND	3.5	48	38	23.3	67	56	17.9	30 - 130	20	r
Anthracene	ND	1.5	94	98	4.2	98	99	1.0	30 - 130	20	
Benzidine	ND	4.5	119	<10	NC	<10	<10	NC	30 - 130	20	l,m
Benzoic acid	ND	10	66	97	38.0	93	93	0.0	30 - 130	20	r
Benzyl butyl phthalate	ND	1.5	100	103	3.0	103	101	2.0	30 - 130	20	
Bis(2-chloroethoxy)methane	ND	3.5	71	14	134.1	88	87	1.1	30 - 130	20	l,r
Bis(2-chloroethyl)ether	ND	1.0	38	48	23.3	54	54	0.0	30 - 130	20	r
Bis(2-chloroisopropyl)ether	ND	1.0	36	43	17.7	54	54	0.0	30 - 130	20	
Carbazole	ND	5.0	96	59	47.7	99	100	1.0	30 - 130	20	r
Dibenzofuran	ND	3.5	85	91	6.8	95	88	7.7	30 - 130	20	
Diethyl phthalate	ND	1.5	90	96	6.5	102	95	7.1	30 - 130	20	
Dimethylphthalate	ND	1.5	93	101	8.2	104	96	8.0	30 - 130	20	
Di-n-butylphthalate	ND	1.5	102	110	7.5	106	104	1.9	30 - 130	20	
Di-n-octylphthalate	ND	1.5	101	106	4.8	105	100	4.9	30 - 130	20	
Fluoranthene	ND	1.5	97	105	7.9	101	101	0.0	30 - 130	20	
Fluorene	ND	1.5	91	97	6.4	102	94	8.2	30 - 130	20	
Hexachlorocyclopentadiene	ND	3.5	41	53	25.5	42	37	12.7	30 - 130	20	r
Isophorone	ND	3.5	77	91	16.7	88	85	3.5	30 - 130	20	

QA/QC Data

SDG I.D.: GBK32362

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Naphthalene	ND	1.5	54	72	28.6	76	77	1.3	30 - 130	20	r
N-Nitrosodimethylamine	ND	1.0	21	29	32.0	35	32	9.0	30 - 130	20	I,r
N-Nitrosodi-n-propylamine	ND	3.5	72	78	8.0	84	81	3.6	30 - 130	20	
N-Nitrosodiphenylamine	ND	3.5	83	73	12.8	98	91	7.4	30 - 130	20	
Phenol	ND	1.0	51	59	14.5	72	71	1.4	30 - 130	20	
Pyrene	ND	1.5	95	103	8.1	102	101	1.0	30 - 130	20	
Pyridine	ND	5.0	17	22	25.6	32	27	16.9	30 - 130	20	I,m,r
% 2,4,6-Tribromophenol	83	%	94	102	8.2	105	97	7.9	15 - 110	20	
% 2-Fluorobiphenyl	50	%	73	79	7.9	89	82	8.2	30 - 130	20	
% 2-Fluorophenol	23	%	28	33	16.4	48	48	0.0	15 - 110	20	
% Nitrobenzene-d5	40	%	56	63	11.8	76	72	5.4	30 - 130	20	
% Phenol-d5	37	%	48	54	11.8	70	66	5.9	15 - 110	20	
% Terphenyl-d14	76	%	94	101	7.2	99	96	3.1	30 - 130	20	

Comment:

LCSD not reported for this batch.

QA/QC Batch 328783 (ug/L), QC Sample No: BK32376 (BK32362, BK32363, BK32366)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	103	102	1.0				70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	103	101	2.0				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	105	105	0.0				70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	93	94	1.1				70 - 130	30	
1,1-Dichloroethane	ND	1.0	101	99	2.0				70 - 130	30	
1,1-Dichloroethene	ND	1.0	108	105	2.8				70 - 130	30	
1,1-Dichloropropene	ND	1.0	106	103	2.9				70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	113	112	0.9				70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	104	102	1.9				70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	113	111	1.8				70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	98	97	1.0				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	108	94	13.9				70 - 130	30	
1,2-Dibromoethane	ND	1.0	100	96	4.1				70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	100	98	2.0				70 - 130	30	
1,2-Dichloroethane	ND	1.0	99	99	0.0				70 - 130	30	
1,2-Dichloropropane	ND	1.0	97	98	1.0				70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	106	103	2.9				70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	101	100	1.0				70 - 130	30	
1,3-Dichloropropane	ND	1.0	99	100	1.0				70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	100	98	2.0				70 - 130	30	
2,2-Dichloropropane	ND	1.0	110	107	2.8				70 - 130	30	
2-Chlorotoluene	ND	1.0	106	104	1.9				70 - 130	30	
2-Hexanone	ND	5.0	100	99	1.0				70 - 130	30	
2-Isopropyltoluene	ND	1.0	102	101	1.0				70 - 130	30	
4-Chlorotoluene	ND	1.0	104	102	1.9				70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	98	98	0.0				70 - 130	30	
Acetone	ND	5.0	83	89	7.0				70 - 130	30	
Acrolein	ND	5.0	89	84	5.8				70 - 130	30	
Acrylonitrile	ND	5.0	104	95	9.0				70 - 130	30	
Benzene	ND	0.70	96	95	1.0				70 - 130	30	
Bromobenzene	ND	1.0	103	101	2.0				70 - 130	30	
Bromochloromethane	ND	1.0	98	98	0.0				70 - 130	30	
Bromodichloromethane	ND	0.50	102	101	1.0				70 - 130	30	
Bromoform	ND	1.0	104	107	2.8				70 - 130	30	
Bromomethane	ND	1.0	101	100	1.0				70 - 130	30	

QA/QC Data

SDG I.D.: GBK32362

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Carbon Disulfide	ND	1.0	102	99	3.0				70 - 130	30
Carbon tetrachloride	ND	1.0	102	101	1.0				70 - 130	30
Chlorobenzene	ND	1.0	101	101	0.0				70 - 130	30
Chloroethane	ND	1.0	99	97	2.0				70 - 130	30
Chloroform	ND	1.0	99	97	2.0				70 - 130	30
Chloromethane	ND	1.0	95	93	2.1				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	99	98	1.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	101	97	4.0				70 - 130	30
Dibromochloromethane	ND	0.50	103	104	1.0				70 - 130	30
Dibromomethane	ND	1.0	103	98	5.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	90	88	2.2				70 - 130	30
Ethylbenzene	ND	1.0	107	106	0.9				70 - 130	30
Hexachlorobutadiene	ND	0.40	101	94	7.2				70 - 130	30
Isopropylbenzene	ND	1.0	107	107	0.0				70 - 130	30
m&p-Xylene	ND	1.0	106	104	1.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	101	92	9.3				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	106	109	2.8				70 - 130	30
Methylene chloride	ND	1.0	92	93	1.1				70 - 130	30
Naphthalene	ND	1.0	122	121	0.8				70 - 130	30
n-Butylbenzene	ND	1.0	97	94	3.1				70 - 130	30
n-Propylbenzene	ND	1.0	101	98	3.0				70 - 130	30
o-Xylene	ND	1.0	110	107	2.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	103	101	2.0				70 - 130	30
sec-Butylbenzene	ND	1.0	109	104	4.7				70 - 130	30
Styrene	ND	1.0	106	107	0.9				70 - 130	30
tert-Butylbenzene	ND	1.0	107	103	3.8				70 - 130	30
Tetrachloroethene	ND	1.0	102	98	4.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	98	96	2.1				70 - 130	30
Toluene	ND	1.0	100	99	1.0				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	106	103	2.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	98	99	1.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	108	108	0.0				70 - 130	30
Trichloroethene	ND	1.0	106	101	4.8				70 - 130	30
Trichlorofluoromethane	ND	1.0	99	98	1.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	108	104	3.8				70 - 130	30
Vinyl chloride	ND	1.0	98	95	3.1				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	99	98	1.0				70 - 130	30
% Bromofluorobenzene	94	%	101	102	1.0				70 - 130	30
% Dibromofluoromethane	94	%	96	97	1.0				70 - 130	30
% Toluene-d8	101	%	99	100	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 328794 (ug/L), QC Sample No: BK32999 (BK32364 (10X))

Volatiles - Ground Water

Methyl t-butyl ether (MTBE)	ND	1.0	74	108	37.4				70 - 130	30	r

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.

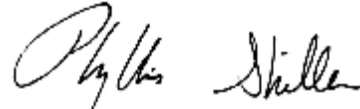
QA/QC Data

SDG I.D.: GBK32362

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 08, 2016

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK32362 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK32362	\$8260DP25R	Chloromethane	NY / TOGS - Water Quality / GA Criteria	39	10	5	5	ug/L
BK32362	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32362	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32362	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32362	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32362	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32362	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32362	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32362	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32362	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32362	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32362	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32362	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32362	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32362	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32362	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BK32362	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	2.24	0.020	0.1	0.1	mg/L
BK32362	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	293	0.11	35	35	mg/L
BK32362	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.25	0.005	0.3	0.3	mg/L
BK32362	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1950	11	20	20	mg/L
BK32362	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	20.2	1.0	0.3	0.3	mg/L
BK32362	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	286	1.0	35	35	mg/L
BK32362	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.25	0.010	0.3	0.3	mg/L
BK32362	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	1900	10	20	20	mg/L
BK32363	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32363	\$8260DP25R	Chloromethane	NY / TOGS - Water Quality / GA Criteria	16	5.0	5	5	ug/L
BK32363	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32363	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32363	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32363	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32363	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32363	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32363	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32363	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32363	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32363	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32363	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32363	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32363	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32363	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK32363	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	0.997	0.020	0.1	0.1	mg/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBK32362 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK32363	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	55.9	0.01	35	35	mg/L
BK32363	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	832	11	20	20	mg/L
BK32363	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	2.94	0.02	0.3	0.3	mg/L
BK32363	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	60.9	1.0	35	35	mg/L
BK32363	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	780	10	20	20	mg/L
BK32364	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32364	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32364	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32364	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32364	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32364	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32364	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32364	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32364	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32364	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32364	\$DP8270-SIMR	Benzo(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32364	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32364	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32364	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32364	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK32364	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	37.9	1.0	0.1	0.1	mg/L
BK32364	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.094	0.002	0.05	0.05	mg/L
BK32364	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	148	0.11	35	35	mg/L
BK32364	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.609	0.005	0.3	0.3	mg/L
BK32364	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1420	11	20	20	mg/L
BK32364	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	78.9	1.0	0.3	0.3	mg/L
BK32364	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	174	1.0	35	35	mg/L
BK32364	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.46	0.010	0.3	0.3	mg/L
BK32364	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	1290	10	20	20	mg/L
BK32364	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.053	0.004	0.025	0.025	mg/L
BK32365	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32365	\$8260DP25R	Chloromethane	NY / TOGS - Water Quality / GA Criteria	15	5.0	5	5	ug/L
BK32365	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32365	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32365	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32365	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32365	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32365	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32365	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BK32365	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L

Sample Criteria Exceedences Report

GBK32362 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BK32365	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32365	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32365	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32365	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32365	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BK32365	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BK32365	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	1.05	0.020	0.1	0.1	mg/L
BK32365	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	55.3	0.01	35	35	mg/L
BK32365	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	799	11	20	20	mg/L
BK32365	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	3.08	0.02	0.3	0.3	mg/L
BK32365	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	53.2	1.0	35	35	mg/L
BK32365	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	818	10	20	20	mg/L
BK32366	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BK32366	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BK32366	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/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 08, 2016

SDG I.D.: GBK32362

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



PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040

Email: info@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

NY/NJ CHAIN OF CUSTODY RECORD

Cooler: Yes ☒ No ☐
Coolant: ☒ PK ☐ ICE ☐ No ☐

Temp °C Pg of

Contact Options:

Fax:
Phone: (631) 504-6000
Email: Csoosik@ebcincny.com

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

Project: 2401 3rd Avenue, Bronx, 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: Pastore Date: 12/1/15

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

PHOENIX USE ONLY SAMPLE #

Analysis Request	VOCs 8260	SVOCs 8270	Pesticides/PCBs	Dissolved PCBs	* TOTAL METALS	Soil VOA Vials [] methanol [] H ₂ O	GL Soil container () oz	GL Soil container () oz	40 ml VOA Vial [X] HCl	PL As is [X] 250ml	PL H ₂ SO ₄ [] 250ml [] 500ml	PL HNO ₃ 250ml	PL NaOH 250ml	Bacteria Bottle

Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
32362 MW3	GW	12/1/15	
32363 MW13D	GW	12/1/15	
32364 MW12D	GW	12/1/15	
32365 Duplicate	GW	12/1/15	
32366 Trip Blanks			

Reinquished by:	Accepted by:	Date:	Time:
<u>Pastore</u>	<u>Pastore</u>	12-4-15	8:30
<u>Pastore</u>	<u>Pastore</u>	12-4-15	17:02

Comments, Special Requirements or Regulations:

** HNO₃ preserved

* Run MW12D for MS/USD

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

* SURCHARGE APPLIES

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

NY ☐ TAGM 4046 GW ☐ TOGS GA GW ☐ NY375 Unrestricted Use Soil ☐ NY375 Residential ☐ Restricted/Residential ☐ Commercial ☐ Industrial

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

State where samples were collected:

NY

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



Thursday, January 07, 2016

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

Project ID: 2401 3RD AVE.
Sample ID#s: BK32352 - BK32361

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: 2401 3RD AVE.
Laboratory Project: GBK32352



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 07, 2016

SDG I.D.: GBK32352

Environmental Business Consultants 2401 3RD AVE.

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
SG1	BK32352	AIR
SG2	BK32353	AIR
SG3	BK32354	AIR
SG4	BK32355	AIR
SG7	BK32356	AIR
SG8	BK32357	AIR
SG9	BK32358	AIR
SG5	BK32359	AIR
SS4	BK32360	AIR
SS2	BK32361	AIR



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

January 07, 2016

SDG I.D.: GBK32352

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.



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 07, 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: 12854

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15 11:08
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SG1

Laboratory Data

SDG ID: GBK32352
Phoenix ID: BK32352

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	12/04/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/04/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trimethylbenzene	0.331	0.204	0.204	1.63	1.00	1.00	12/04/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/04/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/04/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/04/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/04/15	KCA	1
Acetone	183	DS 12.6	12.6	434	29.9	29.9	12/07/15	KCA	30
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/04/15	KCA	1
Benzene	0.787	0.313	0.313	2.51	1.00	1.00	12/04/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/04/15	KCA	1

Client ID: SG1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/04/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/04/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/04/15	KCA	1
Carbon Disulfide	4.48	0.321	0.321	13.9	1.00	1.00	12/04/15	KCA	1
Carbon Tetrachloride	0.044	0.040	0.040	0.28	0.25	0.25	12/04/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/04/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/04/15	KCA	1
Chloromethane	1.28	0.485	0.485	2.64	1.00	1.00	12/04/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/04/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/04/15	KCA	1
Dichlorodifluoromethane	0.343	0.202	0.202	1.70	1.00	1.00	12/04/15	KCA	1
Ethanol	7.07	0.531	0.531	13.3	1.00	1.00	12/04/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
Ethylbenzene	0.275	0.230	0.230	1.19	1.00	1.00	12/04/15	KCA	1
Heptane	137	D 7.32	7.32	561	30.0	30.0	12/07/15	KCA	30
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/04/15	KCA	1
Hexane	372	DS 8.52	8.52	1310	30.0	30.0	12/07/15	KCA	30
Isopropylalcohol	2.43	S 0.407	0.407	5.97	1.00	1.00	12/04/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
m,p-Xylene	0.444	0.230	0.230	1.93	1.00	1.00	12/04/15	KCA	1
Methyl Ethyl Ketone	3.69	0.339	0.339	10.9	1.00	1.00	12/04/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
Methylene Chloride	0.723	S 0.288	0.288	2.51	1.00	1.00	12/04/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
o-Xylene	0.238	0.230	0.230	1.03	1.00	1.00	12/04/15	KCA	1
Propylene	35.9	D 17.4	17.4	61.7	29.9	29.9	12/07/15	KCA	30
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/04/15	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/04/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/04/15	KCA	1
Toluene	0.748	0.266	0.266	2.82	1.00	1.00	12/04/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	12/04/15	KCA	1
Trichlorofluoromethane	0.180	0.178	0.178	1.01	1.00	1.00	12/04/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/04/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/04/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	119	%	%	119	%	%	12/04/15	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

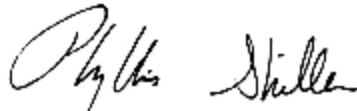
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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 07, 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 07, 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: 491

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15 11:00
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SG2

Laboratory Data

SDG ID: GBK32352
Phoenix ID: BK32353

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	12/04/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/04/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trimethylbenzene	0.333	0.204	0.204	1.64	1.00	1.00	12/04/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/04/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/04/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/04/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/04/15	KCA	1
Acetone	262	DS 12.6	12.6	622	29.9	29.9	12/07/15	KCA	30
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/04/15	KCA	1
Benzene	3.11	0.313	0.313	9.9	1.00	1.00	12/04/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/04/15	KCA	1

Client ID: SG2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/04/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/04/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/04/15	KCA	1
Carbon Disulfide	12.3	0.321	0.321	38.3	1.00	1.00	12/04/15	KCA	1
Carbon Tetrachloride	0.042	0.040	0.040	0.26	0.25	0.25	12/04/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/04/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/04/15	KCA	1
Chloromethane	1.81	0.485	0.485	3.74	1.00	1.00	12/04/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/04/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/04/15	KCA	1
Dichlorodifluoromethane	0.329	0.202	0.202	1.63	1.00	1.00	12/04/15	KCA	1
Ethanol	5.77	0.531	0.531	10.9	1.00	1.00	12/04/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/04/15	KCA	1
Heptane	694	D 7.32	7.32	2840	30.0	30.0	12/07/15	KCA	30
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/04/15	KCA	1
Hexane	714	DS 8.52	8.52	2520	30.0	30.0	12/07/15	KCA	30
Isopropylalcohol	2.56	S 0.407	0.407	6.29	1.00	1.00	12/04/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
m,p-Xylene	0.777	0.230	0.230	3.37	1.00	1.00	12/04/15	KCA	1
Methyl Ethyl Ketone	5.02	0.339	0.339	14.8	1.00	1.00	12/04/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	12/04/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/04/15	KCA	1
Propylene	291	D 17.4	17.4	501	29.9	29.9	12/07/15	KCA	30
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/04/15	KCA	1
Tetrachloroethene	0.038	0.037	0.037	0.26	0.25	0.25	12/04/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/04/15	KCA	1
Toluene	1.48	0.266	0.266	5.57	1.00	1.00	12/04/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	12/04/15	KCA	1
Trichlorofluoromethane	0.197	0.178	0.178	1.11	1.00	1.00	12/04/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/04/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/04/15	KCA	1

QA/QC Surrogates

% Bromofluorobenzene	*190	%	%	*190	%	%	12/04/15	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:

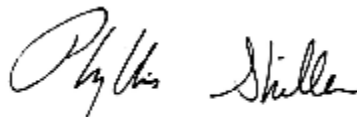
Air Analysis:

*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 07, 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 07, 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: 464

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15 11:02
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SG3

Laboratory Data

SDG ID: GBK32352
Phoenix ID: BK32354

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	12/04/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/04/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trimethylbenzene	0.220	0.204	0.204	1.08	1.00	1.00	12/04/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/04/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/04/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/04/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/04/15	KCA	1
Acetone	241	DS 12.6	12.6	572	29.9	29.9	12/07/15	KCA	30
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/04/15	KCA	1
Benzene	2.15	0.313	0.313	6.86	1.00	1.00	12/04/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/04/15	KCA	1

Client ID: SG3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/04/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/04/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/04/15	KCA	1
Carbon Disulfide	6.42	0.321	0.321	20.0	1.00	1.00	12/04/15	KCA	1
Carbon Tetrachloride	0.138	0.040	0.040	0.87	0.25	0.25	12/04/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/04/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/04/15	KCA	1
Chloromethane	3.00	0.485	0.485	6.19	1.00	1.00	12/04/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/04/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/04/15	KCA	1
Dichlorodifluoromethane	0.279	0.202	0.202	1.38	1.00	1.00	12/04/15	KCA	1
Ethanol	8.57	0.531	0.531	16.1	1.00	1.00	12/04/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/04/15	KCA	1
Heptane	546	D 7.32	7.32	2240	30.0	30.0	12/07/15	KCA	30
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/04/15	KCA	1
Hexane	1670	DS 21.3	21.3	5880	75.0	75.0	12/08/15	KCA	75
Isopropylalcohol	4.27	0.407	0.407	10.5	1.00	1.00	12/04/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
m,p-Xylene	0.388	0.230	0.230	1.68	1.00	1.00	12/04/15	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/04/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	12/04/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/04/15	KCA	1
Propylene	187	D 17.4	17.4	322	29.9	29.9	12/07/15	KCA	30
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/04/15	KCA	1
Tetrachloroethene	ND	0.037	0.037	ND	0.25	0.25	12/04/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/04/15	KCA	1
Toluene	2.73	0.266	0.266	10.3	1.00	1.00	12/04/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Trichloroethene	0.079	0.047	0.047	0.42	0.25	0.25	12/04/15	KCA	1
Trichlorofluoromethane	0.199	0.178	0.178	1.12	1.00	1.00	12/04/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/04/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/04/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	100	%	%	100	%	%	12/04/15	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

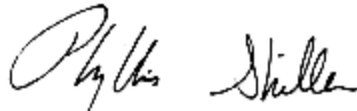
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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 07, 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 07, 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: 13647

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15 10:59
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SG4

Laboratory Data

SDG ID: GBK32352
Phoenix ID: BK32355

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	12/05/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/05/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/05/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/05/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/05/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/05/15	KCA	1
1,2,4-Trimethylbenzene	0.506	0.204	0.204	2.49	1.00	1.00	12/05/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/05/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/05/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/05/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/05/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/05/15	KCA	1
1,3,5-Trimethylbenzene	0.208	0.204	0.204	1.02	1.00	1.00	12/05/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/05/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/05/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/05/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/05/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/05/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/05/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/05/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/05/15	KCA	1
Acetone	1370	DS 31.6	31.6	3250	75.0	75.0	12/08/15	KCA	75
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/05/15	KCA	1
Benzene	0.683	0.313	0.313	2.18	1.00	1.00	12/05/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/05/15	KCA	1

Client ID: SG4

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	12/05/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/05/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/05/15	KCA	1
Carbon Disulfide	2.83	0.321	0.321	8.81	1.00	1.00	12/05/15	KCA	1
Carbon Tetrachloride	0.127	0.040	0.040	0.80	0.25	0.25	12/05/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/05/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/05/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/05/15	KCA	1
Chloromethane	0.604	0.485	0.485	1.25	1.00	1.00	12/05/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/05/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/05/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/05/15	KCA	1
Dichlorodifluoromethane	0.290	0.202	0.202	1.43	1.00	1.00	12/05/15	KCA	1
Ethanol	41.8	E 0.531	0.531	78.7	1.00	1.00	12/05/15	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/05/15	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/05/15	KCA	1
Heptane	27.1	0.244	0.244	111	1.00	1.00	12/05/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/05/15	KCA	1
Hexane	75.4	DS 8.52	8.52	266	30.0	30.0	12/07/15	KCA	30
Isopropylalcohol	22.1	0.407	0.407	54.3	1.00	1.00	12/05/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/05/15	KCA	1
m,p-Xylene	0.402	0.230	0.230	1.74	1.00	1.00	12/05/15	KCA	1
Methyl Ethyl Ketone	22.1	0.339	0.339	65.1	1.00	1.00	12/05/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/05/15	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	12/05/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/05/15	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/05/15	KCA	1
Propylene	80.7	D 17.4	17.4	139	29.9	29.9	12/07/15	KCA	30 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/05/15	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/05/15	KCA	1
Tetrachloroethene	0.520	0.037	0.037	3.52	0.25	0.25	12/05/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/05/15	KCA	1 1
Toluene	0.626	0.266	0.266	2.36	1.00	1.00	12/05/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/05/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/05/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	12/05/15	KCA	1
Trichlorofluoromethane	0.198	0.178	0.178	1.11	1.00	1.00	12/05/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/05/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/05/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	111	%	%	111	%	%	12/05/15	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

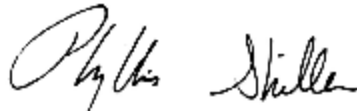
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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 07, 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 07, 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: 12871

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15 11:05
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SG7

Laboratory Data

SDG ID: GBK32352
Phoenix ID: BK32356

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	12/07/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/07/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/07/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trimethylbenzene	0.681	0.204	0.204	3.35	1.00	1.00	12/07/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/07/15	KCA	1
1,3,5-Trimethylbenzene	0.256	0.204	0.204	1.26	1.00	1.00	12/07/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/07/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
4-Ethyltoluene	0.461	0.204	0.204	2.26	1.00	1.00	12/07/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
Acetone	245	DS 4.21	4.21	582	10.0	10.0	12/07/15	KCA	10
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/07/15	KCA	1
Benzene	4.25	0.313	0.313	13.6	1.00	1.00	12/07/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/07/15	KCA	1

Client ID: SG7

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	12/07/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/07/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/07/15	KCA	1
Carbon Disulfide	11.1	0.321	0.321	34.5	1.00	1.00	12/07/15	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	12/07/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/07/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/07/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/07/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/07/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/07/15	KCA	1
Dichlorodifluoromethane	0.421	0.202	0.202	2.08	1.00	1.00	12/07/15	KCA	1
Ethanol	7.85	0.531	0.531	14.8	1.00	1.00	12/07/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
Ethylbenzene	0.662	0.230	0.230	2.87	1.00	1.00	12/07/15	KCA	1
Heptane	70.7	D 2.44	2.44	290	10.0	10.0	12/07/15	KCA	10
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/07/15	KCA	1
Hexane	234	DS 2.84	2.84	824	10.0	10.0	12/07/15	KCA	10
Isopropylalcohol	ND	0.407	0.407	ND	1.00	1.00	12/07/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/07/15	KCA	1
m,p-Xylene	1.27	0.230	0.230	5.51	1.00	1.00	12/07/15	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/07/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	12/07/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
o-Xylene	0.367	0.230	0.230	1.59	1.00	1.00	12/07/15	KCA	1
Propylene	157	D 5.81	5.81	270	10.0	10.0	12/07/15	KCA	10
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/07/15	KCA	1
Tetrachloroethene	0.924	0.037	0.037	6.26	0.25	0.25	12/07/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/07/15	KCA	1
Toluene	5.00	0.266	0.266	18.8	1.00	1.00	12/07/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Trichloroethene	0.080	0.047	0.047	0.43	0.25	0.25	12/07/15	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	12/07/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/07/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/07/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	107	%	%	107	%	%	12/07/15	KCA	1

Client ID: SG7

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

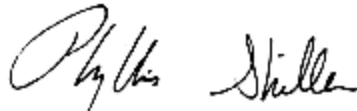
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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 07, 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 07, 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: 11257

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15 11:17
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SG8

Laboratory Data

SDG ID: GBK32352
Phoenix ID: BK32357

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	12/07/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/07/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/07/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trimethylbenzene	0.598	0.204	0.204	2.94	1.00	1.00	12/07/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/07/15	KCA	1
1,3,5-Trimethylbenzene	0.230	0.204	0.204	1.13	1.00	1.00	12/07/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/07/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
2-Hexanone(MBK)	1.37	0.244	0.244	5.61	1.00	1.00	12/07/15	KCA	1
4-Ethyltoluene	0.377	0.204	0.204	1.85	1.00	1.00	12/07/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
Acetone	1200	DS 31.6	31.6	2850	75.0	75.0	12/08/15	KCA	75
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/07/15	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/07/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/07/15	KCA	1

Client ID: SG8

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	12/07/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/07/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/07/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/07/15	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	12/07/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/07/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/07/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/07/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/07/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/07/15	KCA	1
Dichlorodifluoromethane	0.410	0.202	0.202	2.03	1.00	1.00	12/07/15	KCA	1
Ethanol	41.8	E 0.531	0.531	78.7	1.00	1.00	12/07/15	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/07/15	KCA	1
Heptane	0.614	0.244	0.244	2.51	1.00	1.00	12/07/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/07/15	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/07/15	KCA	1
Isopropylalcohol	ND	0.407	0.407	ND	1.00	1.00	12/07/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/07/15	KCA	1
m,p-Xylene	0.349	0.230	0.230	1.51	1.00	1.00	12/07/15	KCA	1
Methyl Ethyl Ketone	13.8	0.339	0.339	40.7	1.00	1.00	12/07/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	12/07/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/07/15	KCA	1
Propylene	4.58	0.581	0.581	7.88	1.00	1.00	12/07/15	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/07/15	KCA	1
Tetrachloroethene	0.389	0.037	0.037	2.64	0.25	0.25	12/07/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/07/15	KCA	1 1
Toluene	0.327	0.266	0.266	1.23	1.00	1.00	12/07/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Trichloroethene	0.050	0.047	0.047	0.27	0.25	0.25	12/07/15	KCA	1
Trichlorofluoromethane	0.258	0.178	0.178	1.45	1.00	1.00	12/07/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/07/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/07/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	103	%	%	103	%	%	12/07/15	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

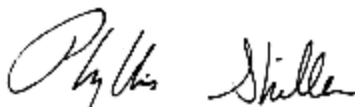
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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 07, 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 07, 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: 11290

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15 11:22
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SG9

Laboratory Data

SDG ID: GBK32352
Phoenix ID: BK32358

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	12/07/15	KCA	1
1,1,1-Trichloroethane	0.187	0.183	0.183	1.02	1.00	1.00	12/07/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/07/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trimethylbenzene	0.531	0.204	0.204	2.61	1.00	1.00	12/07/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/07/15	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/07/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/07/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
4-Ethyltoluene	0.325	0.204	0.204	1.60	1.00	1.00	12/07/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
Acetone	49.9	DS 2.11	2.11	118	5.01	5.01	12/07/15	KCA	5
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/07/15	KCA	1
Benzene	0.549	0.313	0.313	1.75	1.00	1.00	12/07/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/07/15	KCA	1

Client ID: SG9

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	12/07/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/07/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/07/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/07/15	KCA	1
Carbon Tetrachloride	ND	0.040	0.040	ND	0.25	0.25	12/07/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/07/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/07/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/07/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/07/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/07/15	KCA	1
Dichlorodifluoromethane	5.51	0.202	0.202	27.2	1.00	1.00	12/07/15	KCA	1
Ethanol	ND	0.531	0.531	ND	1.00	1.00	12/07/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/07/15	KCA	1
Heptane	3.62	0.244	0.244	14.8	1.00	1.00	12/07/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/07/15	KCA	1
Hexane	33.1	0.284	0.284	117	1.00	1.00	12/07/15	KCA	1
Isopropylalcohol	ND	0.407	0.407	ND	1.00	1.00	12/07/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/07/15	KCA	1
m,p-Xylene	0.353	0.230	0.230	1.53	1.00	1.00	12/07/15	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/07/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	12/07/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/07/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/07/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/07/15	KCA	1
Tetrachloroethene	2.33	0.037	0.037	15.8	0.25	0.25	12/07/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/07/15	KCA	1
Toluene	0.412	0.266	0.266	1.55	1.00	1.00	12/07/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Trichloroethene	1.72	0.047	0.047	9.24	0.25	0.25	12/07/15	KCA	1
Trichlorofluoromethane	2.12	0.178	0.178	11.9	1.00	1.00	12/07/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/07/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/07/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	12/07/15	KCA	1

Client ID: SG9

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

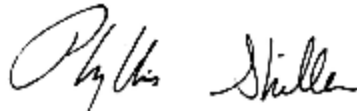
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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 07, 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 07, 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: 13638

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15 11:08
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SG5

Laboratory Data

SDG ID: GBK32352
Phoenix ID: BK32359

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	12/07/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/07/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/07/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trimethylbenzene	0.561	0.204	0.204	2.76	1.00	1.00	12/07/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/07/15	KCA	1
1,3,5-Trimethylbenzene	0.205	0.204	0.204	1.01	1.00	1.00	12/07/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/07/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
4-Ethyltoluene	0.345	0.204	0.204	1.69	1.00	1.00	12/07/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
Acetone	ND	0.421	0.421	ND	1.00	1.00	12/07/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/07/15	KCA	1
Benzene	3.24	0.313	0.313	10.3	1.00	1.00	12/07/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/07/15	KCA	1

Client ID: SG5

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	12/07/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/07/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/07/15	KCA	1
Carbon Disulfide	8.43	0.321	0.321	26.2	1.00	1.00	12/07/15	KCA	1
Carbon Tetrachloride	0.055	0.040	0.040	0.35	0.25	0.25	12/07/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/07/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/07/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/07/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/07/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/07/15	KCA	1
Dichlorodifluoromethane	0.426	0.202	0.202	2.11	1.00	1.00	12/07/15	KCA	1
Ethanol	4.74	S 0.531	0.531	8.93	1.00	1.00	12/07/15	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1 1
Ethylbenzene	0.604	0.230	0.230	2.62	1.00	1.00	12/07/15	KCA	1
Heptane	812	D 7.32	7.32	3330	30.0	30.0	12/07/15	KCA	30
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/07/15	KCA	1
Hexane	1760	DS 21.3	21.3	6200	75.0	75.0	12/08/15	KCA	75
Isopropylalcohol	ND	0.407	0.407	ND	1.00	1.00	12/07/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/07/15	KCA	1
m,p-Xylene	0.918	0.230	0.230	3.98	1.00	1.00	12/07/15	KCA	1
Methyl Ethyl Ketone	4.37	0.339	0.339	12.9	1.00	1.00	12/07/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	12/07/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1 1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/07/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/07/15	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/07/15	KCA	1
Tetrachloroethene	0.058	0.037	0.037	0.39	0.25	0.25	12/07/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/07/15	KCA	1 1
Toluene	11.9	0.266	0.266	44.8	1.00	1.00	12/07/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	12/07/15	KCA	1
Trichlorofluoromethane	ND	0.178	0.178	ND	1.00	1.00	12/07/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/07/15	KCA	1
Vinyl Chloride	0.110	0.098	0.098	0.28	0.25	0.25	12/07/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	12/07/15	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

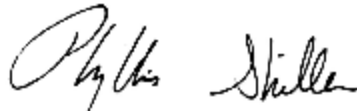
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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 07, 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 07, 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: 13648

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15 11:43
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SS4

Laboratory Data

SDG ID: GBK32352
Phoenix ID: BK32360

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	12/07/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/07/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/07/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trimethylbenzene	0.854	0.204	0.204	4.20	1.00	1.00	12/07/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/07/15	KCA	1
1,3,5-Trimethylbenzene	0.445	0.204	0.204	2.19	1.00	1.00	12/07/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/07/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
4-Ethyltoluene	0.523	0.204	0.204	2.57	1.00	1.00	12/07/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
Acetone	24.5	0.421	0.421	58.2	1.00	1.00	12/07/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/07/15	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/07/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/07/15	KCA	1

Client ID: SS4

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	12/07/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/07/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/07/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/07/15	KCA	1
Carbon Tetrachloride	0.048	0.040	0.040	0.30	0.25	0.25	12/07/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/07/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/07/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/07/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/07/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/07/15	KCA	1
Dichlorodifluoromethane	0.454	0.202	0.202	2.24	1.00	1.00	12/07/15	KCA	1
Ethanol	2.15	S 0.531	0.531	4.05	1.00	1.00	12/07/15	KCA	1 1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1 1
Ethylbenzene	0.572	0.230	0.230	2.48	1.00	1.00	12/07/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/07/15	KCA	1
Hexane	2.57	S 0.284	0.284	9.05	1.00	1.00	12/07/15	KCA	1
Isopropylalcohol	ND	0.407	0.407	ND	1.00	1.00	12/07/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/07/15	KCA	1
m,p-Xylene	2.42	0.230	0.230	10.5	1.00	1.00	12/07/15	KCA	1
Methyl Ethyl Ketone	2.23	0.339	0.339	6.57	1.00	1.00	12/07/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
Methylene Chloride	0.455	S 0.288	0.288	1.58	1.00	1.00	12/07/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1 1
o-Xylene	0.568	0.230	0.230	2.46	1.00	1.00	12/07/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/07/15	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/07/15	KCA	1
Tetrachloroethene	0.338	0.037	0.037	2.29	0.25	0.25	12/07/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/07/15	KCA	1 1
Toluene	5.14	0.266	0.266	19.4	1.00	1.00	12/07/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	12/07/15	KCA	1
Trichlorofluoromethane	0.184	0.178	0.178	1.03	1.00	1.00	12/07/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/07/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/07/15	KCA	1
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	100	%	%	100	%	%	12/07/15	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

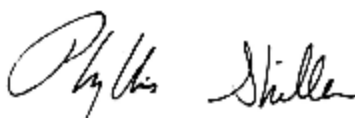
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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 07, 2016

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Analysis Report

January 07, 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: 12859

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/01/15 11:39
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SS2

Laboratory Data

SDG ID: GBK32352
Phoenix ID: BK32361

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	12/07/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/07/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/07/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/07/15	KCA	1
1,2,4-Trimethylbenzene	0.697	0.204	0.204	3.42	1.00	1.00	12/07/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/07/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/07/15	KCA	1
1,3,5-Trimethylbenzene	0.282	0.204	0.204	1.39	1.00	1.00	12/07/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/07/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/07/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
4-Ethyltoluene	0.221	0.204	0.204	1.09	1.00	1.00	12/07/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
Acetone	10.0	0.421	0.421	23.7	1.00	1.00	12/07/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/07/15	KCA	1
Benzene	ND	0.313	0.313	ND	1.00	1.00	12/07/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/07/15	KCA	1

Client ID: SS2

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	12/07/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/07/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/07/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/07/15	KCA	1
Carbon Tetrachloride	0.042	0.040	0.040	0.26	0.25	0.25	12/07/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/07/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/07/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/07/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/07/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/07/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/07/15	KCA	1
Dichlorodifluoromethane	0.436	0.202	0.202	2.15	1.00	1.00	12/07/15	KCA	1
Ethanol	7.91	0.531	0.531	14.9	1.00	1.00	12/07/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
Ethylbenzene	0.349	0.230	0.230	1.51	1.00	1.00	12/07/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/07/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/07/15	KCA	1
Hexane	ND	0.284	0.284	ND	1.00	1.00	12/07/15	KCA	1
Isopropylalcohol	ND	0.407	0.407	ND	1.00	1.00	12/07/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/07/15	KCA	1
m,p-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/07/15	KCA	1
Methyl Ethyl Ketone	ND	0.339	0.339	ND	1.00	1.00	12/07/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/07/15	KCA	1
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	12/07/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
o-Xylene	ND	0.230	0.230	ND	1.00	1.00	12/07/15	KCA	1
Propylene	ND	0.581	0.581	ND	1.00	1.00	12/07/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/07/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/07/15	KCA	1
Tetrachloroethene	0.721	0.037	0.037	4.89	0.25	0.25	12/07/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/07/15	KCA	1
Toluene	0.523	0.266	0.266	1.97	1.00	1.00	12/07/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/07/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/07/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	12/07/15	KCA	1
Trichlorofluoromethane	0.179	0.178	0.178	1.01	1.00	1.00	12/07/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/07/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/07/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	101	%	%	101	%	%	12/07/15	KCA	1

Client ID: SS2

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

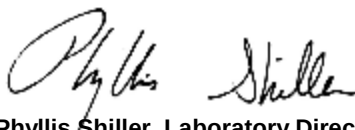
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

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:

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 07, 2016

Reviewed and Released by: Jon Carlson, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

January 07, 2016

QA/QC Data

SDG I.D.: GBK32352

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 328745 (ppbv), QC Sample No: BK29743 (BK32352, BK32353, BK32354, BK32355)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	107	44.2	43.3	8.99	8.82	1.9	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	105	14.5	14.7	2.96	2.99	1.0	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	50	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	104	12.0	11.4	2.44	2.32	5.0	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	104	1.91	2.29	0.349	0.418	18.0	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	105	5.65	5.90	1.38	1.44	4.3	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	102	14.1	14.2	4.42	4.45	0.7	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	113	0.67	0.65	0.107	0.104	2.8	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	98	49.3	48.4	10.1	9.92	1.8	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	101	9.39	9.35	2.37	2.36	0.4	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	103	46.8	46.1	13.6	13.4	1.5	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	105	1.94	1.89	0.392	0.383	2.3	70 - 130	20
Ethanol	ND	0.531	ND	1.00	109	273	281	145	149	2.7	70 - 130	20
Ethyl acetate	ND	0.278	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20

QA/QC Data

SDG I.D.: GBK32352

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
Ethylbenzene	ND	0.230	ND	1.00	105	33.2	33.9	7.64	7.82	2.3	70 - 130	20
Heptane	ND	0.244	ND	1.00	71	50.4	50.8	12.3	12.4	0.8	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	112	2.48 S	2.60 S	1.01 S	1.06 S	4.8	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	105	4.46	4.48	0.907	0.912	0.5	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	110	115	112	26.5	25.9	2.3	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	102	176	176	59.8	59.6	0.3	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	0.182	ND	1.00	109	3.90	3.90	0.710	0.711	0.1	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	104	46.0	46.4	10.6	10.7	0.9	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	103	2.05	2.14	0.373	0.390	4.5	70 - 130	20
Styrene	ND	0.235	ND	1.00	80	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	101	120	122	17.7	18.0	1.7	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	104	84.6	86.4	28.7	29.3	2.1	70 - 130	20
Toluene	ND	0.266	ND	1.00	103	70.8	73.1	18.8	19.4	3.1	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	108	6.23	6.50	1.16	1.21	4.2	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	110	1.68	1.74	0.299	0.310	3.6	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	111	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	103	%	103	%	103	106	103	106	103	2.9	70 - 130	20

QA/QC Batch 328782 (ppbv), QC Sample No: BK32356 (BK32356 (1X, 10X) , BK32357, BK32358 (1X, 5X) , BK32359, BK32360, BK32361)

Volatiles

1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	97	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	142	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	112	3.35	3.47	0.681	0.706	3.6	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	108	1.26	1.36	0.256	0.277	7.9	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	44	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	103	2.26	2.38	0.461	0.485	5.1	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	111	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	0.421	ND	1.00	99	582	529	245	223	9.4	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	98	13.6	13.0	4.25	4.07	4.3	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20

QA/QC Data

SDG I.D.: GBK32352

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
Bromodichloromethane	ND	0.149	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	105	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	99	34.5	35.8	11.1	11.5	3.5	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	98	ND	ND	ND	ND	NC	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	100	2.08	2.05	0.421	0.414	1.7	70 - 130	20
Ethanol	ND	0.531	ND	1.00	88	14.8	14.1	7.85	7.47	5.0	70 - 130	20
Ethyl acetate	ND	0.278	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	102	2.87	2.97	0.662	0.684	3.3	70 - 130	20
Heptane	ND	0.244	ND	1.00	95	301	276	73.4	67.4	8.5	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	107	803	757	228	215	5.9	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	99	ND	ND	ND	ND	NC	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	105	5.51	5.68	1.27	1.31	3.1	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
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	107	1.59	1.58	0.367	0.363	1.1	70 - 130	20
Propylene	ND	0.581	ND	1.00	85	370	308	215	179	18.3	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	0.235	ND	1.00	81	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	99	6.26	6.41	0.924	0.946	2.4	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	0.266	ND	1.00	100	18.8	18.8	5.00	5.00	0.0	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	101	0.43	0.42	0.080	0.078	2.5	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	99	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	109	%	109	%	104	107	107	107	107	0.0	70 - 130	20

QA/QC Batch 328884 (ppbv), QC Sample No: BK33432 (BK32352 (30X) , BK32353 (30X) , BK32354 (30X, 75X) , BK32355 (30X, 75X) , BK32357 (75X) , BK32359 (30X, 75X))

Volatiles

Acetone	ND	0.421	ND	1.00	91	180	180	76.0	75.9	0.1	70 - 130	20
Heptane	ND	0.244	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	105	3.87 S	3.70 S	1.10 S	1.05 S	4.7	70 - 130	20
Propylene	ND	0.581	ND	1.00	78	26.1	26.8	15.2	15.6	2.6	70 - 130	20

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

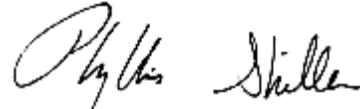
QA/QC Data

SDG I.D.: GBK32352

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 07, 2016

Thursday, January 07, 2016

Sample Criteria Exceedences Report

GBK32352 - EBC

Page 1 of 1

Criteria: None

State: NY

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.



CHAIN OF CUSTODY RECORD AIR ANALYSES

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040

Email: info@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-1102

Pg. 1 of 2

Data Delivery:

☐ Fax #:

☒ Email: CS@phoenixlabs.com

Report to: <u>Greg Swanson</u>		Invoice to: <u>BBC</u>		Project Name: <u>240 3rd Ave</u>										
Address: <u>BBC 1008 Middle Country Road</u>		Address: <u>1008 Middle Country Rd</u>		Location: <u>BRONX</u>										
Project Mgr: _____		P.O. # _____		State: <u>NY</u>										
Phone # _____		Quote # _____		Sampled by: <u>PRJTG</u>										
LAB USE ONLY														
Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (H ² Hg)	Incoming Canister Pressure (H ² Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (H ² Hg)	Canister Pressure at End (H ² Hg)		
32352	SG1	✓ 12854	6.0	-30	-3	5035	✓ 41.7	8:59	10:59	12/1/15	-30	-4		
32353	SG2	✓ 491	6.0	-30	-1	5673	✓ 41.7	8:55	11:00	12/1/15	-30	-4		
32354	SG3	✓ 464	6.0	-30	-3	4484	✓ 41.7	9:02	11:02	12/1/15	-30	-5		
32355	SG4	✓ 12647	6.0	-30	-4	3264	✓ 41.7	9:05	10:59	12/1/15	-30	-5		
	DID NOT WORK	✓ 455	6.0	-30		4980	✓ 41.7							
	DID NOT USE	✓ 12855	6.0	-30		4477	✓ 41.7							
32356	SG7	12871	6.0	-30	-5	5354	✓ 41.7	9:17	11:05	12/1/15	-30	-6		
32357	SG8	✓ 11257	6.0	-30	-4	5650	✓ 41.7	9:20	11:17	12/1/15	-28	-4		
32358	SG9	✓ 11290	6.0	-30	-3	5357	✓ 41.7	9:25	11:22	12/1/15	-30	-6		
	16L 24Hrs													
Relinquished by: <u>[Signature]</u>		Accepted by: <u>[Signature]</u>		Date: <u>12-4-15</u>		Time: <u>8:30</u>		Criteria Requested:		Deliverable:		Data Format:		
										RCP ☐		Excel ☒ Equis ☒		
										MCP ☐		PDF ☒ Other: <u>ASP CAT B deliverables</u>		
												GISKey ☐		
State where samples collected: <u>NY</u>													I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:	
SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:													Signature: <u>[Signature]</u> Date: <u>12/3/2015</u>	
* Canister 455 had a starting pressure of -5. could not use														



Thursday, January 07, 2016

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

Project ID: 2401 3RD AVE.
Sample ID#s: BK32349 - BK32351

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: 2401 3RD AVE.
Laboratory Project: GBK32349



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 07, 2016

SDG I.D.: GBK32349

Environmental Business Consultants 2401 3RD AVE.

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
SS1	BK32349	AIR
SS3	BK32350	AIR
SS5	BK32351	AIR



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



SDG Comments

January 07, 2016

SDG I.D.: GBK32349

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.v



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 07, 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: 220

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15 10:17
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SS1

Laboratory Data

SDG ID: GBK32349
Phoenix ID: BK32349

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	12/04/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/04/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trimethylbenzene	1.24	0.204	0.204	6.09	1.00	1.00	12/04/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/04/15	KCA	1
1,3,5-Trimethylbenzene	0.522	0.204	0.204	2.56	1.00	1.00	12/04/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/04/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/04/15	KCA	1
4-Ethyltoluene	0.308	0.204	0.204	1.51	1.00	1.00	12/04/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	12/04/15	KCA	1
Acetone	22.4	0.421	0.421	53.2	1.00	1.00	12/04/15	KCA	1
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/04/15	KCA	1
Benzene	0.401	0.313	0.313	1.28	1.00	1.00	12/04/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/04/15	KCA	1

Client ID: SS1

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	12/04/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/04/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/04/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/04/15	KCA	1
Carbon Tetrachloride	0.073	0.040	0.040	0.46	0.25	0.25	12/04/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/04/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/04/15	KCA	1
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	12/04/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/04/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/04/15	KCA	1
Dichlorodifluoromethane	0.365	0.202	0.202	1.80	1.00	1.00	12/04/15	KCA	1
Ethanol	7.52	0.531	0.531	14.2	1.00	1.00	12/04/15	KCA	1
Ethyl acetate	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
Ethylbenzene	0.258	0.230	0.230	1.12	1.00	1.00	12/04/15	KCA	1
Heptane	ND	0.244	0.244	ND	1.00	1.00	12/04/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/04/15	KCA	1
Hexane	0.890	S 0.284	0.284	3.14	1.00	1.00	12/04/15	KCA	1
Isopropylalcohol	0.594	S 0.407	0.407	1.46	1.00	1.00	12/04/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
m,p-Xylene	1.28	0.230	0.230	5.55	1.00	1.00	12/04/15	KCA	1
Methyl Ethyl Ketone	1.74	0.339	0.339	5.13	1.00	1.00	12/04/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
Methylene Chloride	0.484	S 0.288	0.288	1.68	1.00	1.00	12/04/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
o-Xylene	0.670	0.230	0.230	2.91	1.00	1.00	12/04/15	KCA	1
Propylene	1.56	0.581	0.581	2.68	1.00	1.00	12/04/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/04/15	KCA	1
Tetrachloroethene	0.054	0.037	0.037	0.37	0.25	0.25	12/04/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/04/15	KCA	1
Toluene	0.834	0.266	0.266	3.14	1.00	1.00	12/04/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	12/04/15	KCA	1
Trichlorofluoromethane	0.236	0.178	0.178	1.33	1.00	1.00	12/04/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/04/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/04/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	104	%	%	104	%	%	12/04/15	KCA	1

Client ID: SS1

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

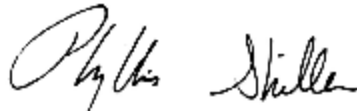
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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 07, 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 07, 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: 497

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15 10:03
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SS3

Laboratory Data

SDG ID: GBK32349
Phoenix ID: BK32350

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	12/04/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/04/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trimethylbenzene	0.827	0.204	0.204	4.06	1.00	1.00	12/04/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/04/15	KCA	1
1,3,5-Trimethylbenzene	0.327	0.204	0.204	1.61	1.00	1.00	12/04/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/04/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/04/15	KCA	1
4-Ethyltoluene	0.211	0.204	0.204	1.04	1.00	1.00	12/04/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
4-Methyl-2-pentanone(MIBK)	0.301	0.244	0.244	1.23	1.00	1.00	12/04/15	KCA	1
Acetone	58.5	DS 2.11	2.11	139	5.01	5.01	12/07/15	KCA	5
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/04/15	KCA	1
Benzene	0.346	0.313	0.313	1.10	1.00	1.00	12/04/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/04/15	KCA	1

Client ID: SS3

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	12/04/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/04/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/04/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/04/15	KCA	1
Carbon Tetrachloride	0.069	0.040	0.040	0.43	0.25	0.25	12/04/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/04/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/04/15	KCA	1
Chloromethane	0.552	0.485	0.485	1.14	1.00	1.00	12/04/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/04/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/04/15	KCA	1
Dichlorodifluoromethane	0.377	0.202	0.202	1.86	1.00	1.00	12/04/15	KCA	1
Ethanol	52.2 DS	2.66	2.66	98.3	5.01	5.01	12/07/15	KCA	5 1
Ethyl acetate	0.302	0.278	0.278	1.09	1.00	1.00	12/04/15	KCA	1 1
Ethylbenzene	ND	0.230	0.230	ND	1.00	1.00	12/04/15	KCA	1
Heptane	0.299	0.244	0.244	1.22	1.00	1.00	12/04/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/04/15	KCA	1
Hexane	0.803 S	0.284	0.284	2.83	1.00	1.00	12/04/15	KCA	1
Isopropylalcohol	4.13	0.407	0.407	10.1	1.00	1.00	12/04/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
m,p-Xylene	0.843	0.230	0.230	3.66	1.00	1.00	12/04/15	KCA	1
Methyl Ethyl Ketone	2.95	0.339	0.339	8.69	1.00	1.00	12/04/15	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
Methylene Chloride	0.552 S	0.288	0.288	1.92	1.00	1.00	12/04/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1 1
o-Xylene	0.443	0.230	0.230	1.92	1.00	1.00	12/04/15	KCA	1
Propylene	1.05	0.581	0.581	1.81	1.00	1.00	12/04/15	KCA	1 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/04/15	KCA	1
Tetrachloroethene	0.038	0.037	0.037	0.26	0.25	0.25	12/04/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/04/15	KCA	1 1
Toluene	1.43	0.266	0.266	5.39	1.00	1.00	12/04/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	12/04/15	KCA	1
Trichlorofluoromethane	0.229	0.178	0.178	1.29	1.00	1.00	12/04/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/04/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/04/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	103	%	%	103	%	%	12/04/15	KCA	1

Client ID: SS3

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

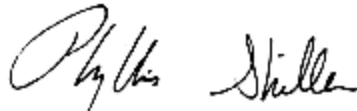
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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 07, 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 07, 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: 11287

Custody Information

Collected by: PR
Received by: LB
Analyzed by: see "By" below

Date

12/02/15 9:49
12/04/15 17:02

Time

Project ID: 2401 3RD AVE.
Client ID: SS5

Laboratory Data

SDG ID: GBK32349
Phoenix ID: BK32351

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	12/04/15	KCA	1
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	12/04/15	KCA	1
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	12/04/15	KCA	1
1,2,4-Trimethylbenzene	0.809	0.204	0.204	3.97	1.00	1.00	12/04/15	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	12/04/15	KCA	1
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	12/04/15	KCA	1
1,3,5-Trimethylbenzene	0.615	0.204	0.204	3.02	1.00	1.00	12/04/15	KCA	1
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	12/04/15	KCA	1
1,3-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	12/04/15	KCA	1
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	12/04/15	KCA	1
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	12/04/15	KCA	1
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
4-Methyl-2-pentanone(MIBK)	0.621	0.244	0.244	2.54	1.00	1.00	12/04/15	KCA	1
Acetone	42.9	DS 2.11	2.11	102	5.01	5.01	12/07/15	KCA	5
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	12/04/15	KCA	1
Benzene	0.665	0.313	0.313	2.12	1.00	1.00	12/04/15	KCA	1
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	12/04/15	KCA	1

Client ID: SS5

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	12/04/15	KCA	1
Bromoform	ND	0.097	0.097	ND	1.00	1.00	12/04/15	KCA	1
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	12/04/15	KCA	1
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	12/04/15	KCA	1
Carbon Tetrachloride	0.072	0.040	0.040	0.45	0.25	0.25	12/04/15	KCA	1
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	12/04/15	KCA	1
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	12/04/15	KCA	1
Chloroform	ND	0.205	0.205	ND	1.00	1.00	12/04/15	KCA	1
Chloromethane	0.500	0.485	0.485	1.03	1.00	1.00	12/04/15	KCA	1
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	12/04/15	KCA	1
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	12/04/15	KCA	1
Dichlorodifluoromethane	0.351	0.202	0.202	1.73	1.00	1.00	12/04/15	KCA	1
Ethanol	6.86	0.531	0.531	12.9	1.00	1.00	12/04/15	KCA	1
Ethyl acetate	0.791	0.278	0.278	2.85	1.00	1.00	12/04/15	KCA	1
Ethylbenzene	0.530	0.230	0.230	2.30	1.00	1.00	12/04/15	KCA	1
Heptane	0.374	0.244	0.244	1.53	1.00	1.00	12/04/15	KCA	1
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	12/04/15	KCA	1
Hexane	0.501	S 0.284	0.284	1.76	1.00	1.00	12/04/15	KCA	1
Isopropylalcohol	1.23	S 0.407	0.407	3.02	1.00	1.00	12/04/15	KCA	1
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	12/04/15	KCA	1
m,p-Xylene	2.15	0.230	0.230	9.33	1.00	1.00	12/04/15	KCA	1
Methyl Ethyl Ketone	3.51	0.339	0.339	10.3	1.00	1.00	12/04/15	KCA	1
Methyl tert-butyl ether(MTBE)	1.92	0.278	0.278	6.92	1.00	1.00	12/04/15	KCA	1
Methylene Chloride	0.714	S 0.288	0.288	2.48	1.00	1.00	12/04/15	KCA	1
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
o-Xylene	1.31	0.230	0.230	5.68	1.00	1.00	12/04/15	KCA	1
Propylene	1.43	0.581	0.581	2.46	1.00	1.00	12/04/15	KCA	1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	12/04/15	KCA	1
Styrene	ND	0.235	0.235	ND	1.00	1.00	12/04/15	KCA	1
Tetrachloroethene	0.113	0.037	0.037	0.77	0.25	0.25	12/04/15	KCA	1
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	12/04/15	KCA	1
Toluene	2.75	0.266	0.266	10.4	1.00	1.00	12/04/15	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	12/04/15	KCA	1
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	12/04/15	KCA	1
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	12/04/15	KCA	1
Trichlorofluoromethane	0.240	0.178	0.178	1.35	1.00	1.00	12/04/15	KCA	1
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	12/04/15	KCA	1
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	12/04/15	KCA	1
<u>QA/OC Surrogates</u>									
% Bromofluorobenzene	121	%	%	121	%	%	12/04/15	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

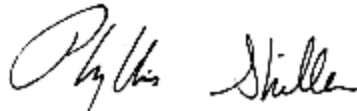
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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 07, 2016

Reviewed and Released by: Jon Carlson, Project Manager



Environmental Laboratories, Inc.
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QA/QC Report

January 07, 2016

QA/QC Data

SDG I.D.: GBK32349

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 328745 (ppbv), QC Sample No: BK29743 (BK32349, BK32350, BK32351)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	107	44.2	43.3	8.99	8.82	1.9	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	105	14.5	14.7	2.96	2.99	1.0	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	50	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	114	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	104	12.0	11.4	2.44	2.32	5.0	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	104	1.91	2.29	0.349	0.418	18.0	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	105	5.65	5.90	1.38	1.44	4.3	70 - 130	20
Acetone	ND	0.421	ND	1.00	92	162	165	68.4	69.4	1.5	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	102	14.1	14.2	4.42	4.45	0.7	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	118	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	116	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	113	0.67	0.65	0.107	0.104	2.8	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	98	49.3	48.4	10.1	9.92	1.8	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	101	9.39	9.35	2.37	2.36	0.4	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	103	46.8	46.1	13.6	13.4	1.5	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	105	1.94	1.89	0.392	0.383	2.3	70 - 130	20
Ethanol	ND	0.531	ND	1.00	109	273	281	145	149	2.7	70 - 130	20

QA/QC Data

SDG I.D.: GBK32349

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	95	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	0.230	ND	1.00	105	33.2	33.9	7.64	7.82	2.3	70 - 130	20
Heptane	ND	0.244	ND	1.00	71	50.4	50.8	12.3	12.4	0.8	70 - 130	20
Hexachlorobutadiene	ND	0.094	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	0.284	ND	1.00	102	208	210	59.1	59.5	0.7	70 - 130	20
Isopropylalcohol	ND	0.407	ND	1.00	112	2.48 S	2.60 S	1.01 S	1.06 S	4.8	70 - 130	20
Isopropylbenzene	ND	0.204	ND	1.00	105	4.46	4.48	0.907	0.912	0.5	70 - 130	20
m,p-Xylene	ND	0.230	ND	1.00	110	115	112	26.5	25.9	2.3	70 - 130	20
Methyl Ethyl Ketone	ND	0.339	ND	1.00	102	176	176	59.8	59.6	0.3	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	0.288	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	0.182	ND	1.00	109	3.90	3.90	0.710	0.711	0.1	70 - 130	20
o-Xylene	ND	0.230	ND	1.00	104	46.0	46.4	10.6	10.7	0.9	70 - 130	20
Propylene	ND	0.581	ND	1.00	104	10.2	10.6	5.92	6.18	4.3	70 - 130	20
sec-Butylbenzene	ND	0.182	ND	1.00	103	2.05	2.14	0.373	0.390	4.5	70 - 130	20
Styrene	ND	0.235	ND	1.00	80	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	0.037	ND	0.25	101	120	122	17.7	18.0	1.7	70 - 130	20
Tetrahydrofuran	ND	0.339	ND	1.00	104	84.6	86.4	28.7	29.3	2.1	70 - 130	20
Toluene	ND	0.266	ND	1.00	103	70.8	73.1	18.8	19.4	3.1	70 - 130	20
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	0.047	ND	0.25	108	6.23	6.50	1.16	1.21	4.2	70 - 130	20
Trichlorofluoromethane	ND	0.178	ND	1.00	110	1.68	1.74	0.299	0.310	3.6	70 - 130	20
Trichlorotrifluoroethane	ND	0.131	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	0.098	ND	0.25	111	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	103	%	103	%	103	106	103	106	103	2.9	70 - 130	20

QA/QC Batch 328884 (ppbv), QC Sample No: BK33432 (BK32350 (5X) , BK32351 (5X))

Volatiles

Acetone	ND	0.421	ND	1.00	91	180	180	76.0	75.9	0.1	70 - 130	20
Ethanol	ND	0.531	ND	1.00	86	50.3	51.2	26.7	27.2	1.9	70 - 130	20

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

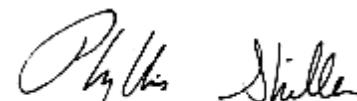
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
January 07, 2016

Thursday, January 07, 2016

Criteria: None

State: NY

Sample Criteria Exceedences Report

Page 1 of 1

GBK32349 - EBC

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

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this 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.

APPENDIX - F
DUSRs

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-019
SDG #: GBJ06310
Client: Environmental Business Consultants
Date: 1/12/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) 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 04/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 04/22/2015 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
B1 0-2	BJ06310	4/20/15	SVO	Soil	
B1 7-10	BJ06311	4/20/15	SVO	Soil	
B1 10-11	BJ06312	4/20/15	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 3/20/2015 (CHEM12) 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 04/22/2015 @ 21:14 (CHEM12) 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 4/23/2015 @ 07:44 (CHEM12) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$. No qualifications were required.

Surrogates:

1. Surrogate %REC values were within the QC acceptance limits. No qualifications were required.

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 (BJ06314 BLANK) associated with the soil samples extracted on 4/22/2015 and analyzed on 4/22/2015 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: BJ06314 were analyzed on 04/22/2015. 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.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

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

C_x = concentration of analyte as ug/kg

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

VE= final volume of concentrated extract

Sample: 04-22-15 LCS (BJ06314)

Pyrene

Sample weight= 15g

Volume purged=1.0ml

DF = 1

%Solids=NA

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{1194226 \times 40 \times 1 \times 1000}{758798 \times 1.244 \times 15} = 3373.717 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Pyrene	3374	3374	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: GBJ06310.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBJ06310.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-019
SDG #: GBJ06310
Client: Environmental Business Consultants
Date: 01/12/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for two (2) 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 04/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 04/22/2015 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
B1 7-10	BJ06311	4/20/15	VOA	Soil	
B1 10-11	BJ06312	4/20/15	VOA	Soil	

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within 14 days from sample collection. No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 04/22/2015 (Chem15) 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
2-Hexanone	A	23.7

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
B1 7-10	BJ06311	2-Hexanone	UJ
B1 10-11	BJ06312	2-Hexanone	UJ

Continuing Calibration Verification (CCV):

1. CCV analyzed on 04/23/2015 @ 03:08 (CHEM15) 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 04/23/2015 @ 13:31 (CHEM15) 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
Acrylonitrile	24.9
2-Hexanone	30.1
1,2,4-Trichlorobenzene	20.1
Acrolein	25.7

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
B1 7-10	BJ06311	Acrylonitrile, 2-Hexanone, 1,2,4-Trichlorobenzene, Acrolein	UJ
B1 10-11	BJ06312	Acrylonitrile, 2-Hexanone, 1,2,4-Trichlorobenzene, Acrolein	UJ

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
B1 7-10 LL	BJ06311	BFB* (134%)	Positive hits only – J Non-detects – no qualifications	J
B1 7-10HL	BJ06311	BFB* (208%)	Positive hits only – J Non-detects – no qualifications	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
B1 7-10 LL	BJ06311	1,4-Dichlorobenzene-d ₄ (low)	All non-detected compounds	UJ
			All detected compounds	J

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BJ06312 Blank) analyzed on 04/23/2015 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: BJ06312 were analyzed on 4/23/2015. 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 performed on sample EP1 10-11 (BJ06312). All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acrolein	51/55/A	B1 10-11	UJ

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 >50%. No qualifications were required.
3. Manual Calculation:

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

C_x = concentration of analyte as ug/kg

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

VE= final volume of concentrated extract

Sample: B1 10-11 (BJ06312)

Carbon Disulfide

Sample weight: 5.00g

Final volume: 5ml

%Solids: 88%

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{7239 \times 50 \times 5\text{ml} \times 1}{330275 \times 0.918 \times 5.00\text{g} \times 0.88} = 1.36\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Carbon Disulfide	1.4	1.4	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: GBJ06310.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBJ06310.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-019
SDG #: GBJ06310
Client: Environmental Business Consultants
Date: 01/12/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for one (1) water sample analyzed for Volatiles by SW-846 Method 8260C in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 4/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 4/22/2015 for analysis.
3. The USEPA Region-II SOP HW-24, Revision 2, August 2008, Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8260B 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
B1 GW	BJ06313	4/20/15	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 04/22/2015 (Chem17) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds, were $\leq 20.0\%$ and average RRF (> 0.050). No qualifications were required.

Continuing Calibration Verification (CCV):

1. CCV analyzed on 04/23/2015 @ 22:01 (CHEM17) 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 04/24/2015 @ 02:50 (CHEM17) 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
Trichlorotrifluoroethane	24.2
2,2-Dichloropropane	20.7

A= Acceptable

(1) Results for this compound were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
B1 GW	BJ06313	Trichlorotrifluoroethane, 2,2-Dichloropropane	UJ

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 BJ06313) was analyzed on 04/23/2015 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: BJ06313 were analyzed on 04/23/2015. 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 a 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.

B1 GW (BJ06313)

Carbon Disulfide

Sample Volume= 25ml

Volume purged=25ml

DF = 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{31275 \times 25 \times 10 \times 1}{340787 \times 0.921 \times 25} = 0.996 \mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Carbon Disulfide	1.0	1.0	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: GBJ06310.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBJ06310.

DATA USABILITY SUMMARY REPORT (DUSR)
PESTICIDES

USEPA Region II –Data Validation

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-019
SDG #: GBJ06310
Client: Environmental Business Consultants
Date: 01/13/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for two (2) 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 04/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 04/22/2015 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
B1 0-2	BJ06310	4/20/15	Pesticides	Soil	
B1 7-10	BJ06311	4/20/15	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 04/22/2015 (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):

1. All CCVs analyzed on 04/23-24/2015 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds on column A. 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 (BJ06310 BL) associated with the soil samples extracted on 04/22/2015 and analyzed on 04/23/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BJ06310 LCS was analyzed on 04/23/2015. 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 B1 0-2 (BJ06310). 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:

BJ06310 LCS

Alpha-Chlordane

On Column concentration (A) = 41.4053ng
Sample Weight= 15.0g
DF = 2
Vi= 5ml
%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{41.4053\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 27.60\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-Chlordane	27.6	27.6	0.0

Comments:

1. Pesticides data package meet requirement for New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Category B Deliverables.
2. Validation qualifiers (if required) were entered into the EDD for SDG: GBJ06310.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBJ06310.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-019
SDG #: GBJ06310
Client: Environmental Business Consultants
Date: 01/13/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for two (2) 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 04/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 04/22/2015 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
B1 0-2	BJ06310	4/20/15	PCBs	Soil	
B1 7-10	BJ06311	4/20/15	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 04/23/2015 (ECD5) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 04/23-24/2015 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 (BJ06310 BL) associated with the soil samples extracted on 04/22/2015 and analyzed on 04/23/2015 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 ID: BJ06310 were analyzed on 04/23/2015. 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 B1 0-2 (BJ06310). 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:

BJ06310 LCS

Aroclor-1016

On Column concentration (B)= 488.782ng

Sample weight= 15.0g

DF= 10

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{488.782\text{ng} \times 5\text{ml} \times 10}{15.0\text{g}} = 1629.27\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1630	1630	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: GBJ06310.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBJ06310.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-019
SDG #: GBJ06310
Client: Environmental Business Consultants
Date: 01/13/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for two (2) 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 4/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 4/22/2015 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
B1 0-2	BJ06310	4/20/15	ICP and CVAA	Soil	
B1 7-10	BJ06311	4/20/15	ICP and 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). No qualifications were required.

Mercury:

1. All correlation coefficient for Mercury calibration curve analyzed were ≥ 0.995 . No qualifications were required.
2. All ICVs and CCVs %REC values were within the QC limits (85-115%). No qualifications were required.

CRQL Check Standard (CRI):

1. All CRI analyzed on 4/23-24/2015 %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Calcium	4/23/15: 20:51	145.2	B1 0-2, B1 7-10	J+
	4/24/15: 0:06	136.0		
	4/24/15: 3:02	150.8	None	None
Iron	4/24/15: 3:02	181.2	None	None

ICP-AES Interference Check Sample:

1. All %REC values were within the QC limits (80-120%) for ICSA and ICSAB. No qualifications were required.

Blanks (Method Blank, ICB and CCB):**ICP-AES:**

1. Method Blank-Soil (BJ06310) digested on 4/22/2015 was free of contamination. No qualifications were required.
2. All ICB and CCBs were free of contamination. No qualifications were required.

Mercury:

1. All ICB and CCBs were free of contamination. No qualifications were required.
2. Method Blank (BJ06310) digested on 4/24/2015 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 and Mercury:

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. A field duplicate pair was not submitted with this SDG.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

ICP-AES and Mercury:

1. Matrix Spike (MS) was performed on sample B1 0-2 (BJ06310). All %RECs were within the laboratory control limits with the following exception(s):

Compound	MS%R/Post%R	Sample Affected	Action
Potassium	206/133	B1 0-2	J+
Sodium	145/A	B1 0-2	J+

A= Acceptable

Sample Duplicate:

ICP-AES and Mercury:

1. Sample Duplicate was performed on sample B1 0-2 (BJ06310). All RPDs were within the laboratory control limits with the following exception(s):

Element	%R	Sample Affected	Action
Arsenic	84.7	B1 0-2	J
Barium	30.9	B1 0-2	J
Cobalt	45.2	B1 0-2	J
Magnesium	33.5	B1 0-2	J
Manganese	54.8	B1 0-2	J
Lead	117	B1 0-2	J
Vanadium	36.3	B1 0-2	J

Element	%R	Sample Affected	Action
Zinc	68.4	B1 0-2	J

ICP-AES Serial Dilution:

- ICP serial dilution was performed on sample B1 0-2 (BJ06310). For all results for which the concentration in the original sample is $\geq 50\times$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit (%D $\pm 10\%$) with the following exception(s):

Element	%D	Sample Affected	Action
Aluminum	23.6	B1 0-2	J
Barium	36.5	B1 0-2	J
Calcium	11.2	B1 0-2	J+
Cobalt	39.0	B1 0-2	J
Chromium	23.0	B1 0-2	J
Copper	10.7	B1 0-2	J
Magnesium	28.1	B1 0-2	J
Manganese	41.5	B1 0-2	J
Sodium	31.0	B1 0-2	J+
Lead	287.2	B1 0-2	J
Vanadium	31.5	B1 0-2	J
Zinc	104.0	B1 0-2	J

Verification of Instrumental Parameters:

- The following Forms were present in the data package:
 - Method Detection Limits, Form- X.
 - ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
 - ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits:

- All sample results were reported within the linear calibration range.
- %Solids for all soil samples in this SDG were $>50\%$. No qualifications were required.

3. Manual calculation:

Sample: B1 0-2 (BJ06310)

Barium

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

$$V = 50ml$$

$$W = 0.78g$$

$$\% \text{Solids} = 92.0$$

$$DF = 1.0$$

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{896.2824ug/L \times 50 \times 1.0 \times 1L \times 1000g \times 1mg}{0.78 \times 0.92 \times 1000ml \times 1 kg \times 1000ug} = 62.45 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Barium	62.4	62.4	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: GBJ06310.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBJ06310.



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL/WATER
SDG: GBJ06310**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
B1 0-2	BJ06310	E160.3	4/22/15	1	Solids, Percent	92	%			
B1 0-2	BJ06310	SW6010	4/23/15	10	Aluminum	7690	mg/kg	J	7.0	35
B1 0-2	BJ06310	SW6010	4/23/15	10	Iron	59700	mg/kg		35	35
B1 0-2	BJ06310	SW6010	4/24/15	1	Barium	62.4	mg/kg	J	0.35	0.7
B1 0-2	BJ06310	SW6010	4/23/15	10	Calcium	12300	mg/kg	J+	32	35
B1 0-2	BJ06310	SW6010	4/24/15	1	Chromium, Total	25.7	mg/kg	J	0.35	0.35
B1 0-2	BJ06310	SW6010	4/24/15	1	Nickel	44.4	mg/kg		0.35	0.35
B1 0-2	BJ06310	SW6010	4/24/15	1	Potassium	1050	mg/kg	J+	2.7	7
B1 0-2	BJ06310	SW6010	4/24/15	1	Silver		mg/kg	U	0.35	0.35
B1 0-2	BJ06310	SW6010	4/24/15	1	Cobalt	22.8	mg/kg	J	0.35	0.35
B1 0-2	BJ06310	SW6010	4/24/15	1	Thallium		mg/kg	U	1.4	1.4
B1 0-2	BJ06310	SW6010	4/24/15	1	Antimony		mg/kg	U	1.7	1.7
B1 0-2	BJ06310	SW6010	4/24/15	1	Arsenic	4.9	mg/kg	J	0.70	0.7
B1 0-2	BJ06310	SW6010	4/24/15	1	Copper	62.5	mg/kg	J	0.35	0.35
B1 0-2	BJ06310	SW6010	4/24/15	1	Beryllium	0.40	mg/kg		0.14	0.28
B1 0-2	BJ06310	SW6010	4/24/15	1	Cadmium	0.50	mg/kg		0.14	0.35
B1 0-2	BJ06310	SW6010	4/24/15	1	Lead	125	mg/kg	J	0.35	0.7
B1 0-2	BJ06310	SW6010	4/24/15	1	Magnesium	4700	mg/kg	J	3.5	3.5
B1 0-2	BJ06310	SW6010	4/24/15	100	Manganese	1040	mg/kg	J	35	35
B1 0-2	BJ06310	SW6010	4/24/15	1	Sodium	365	mg/kg	J+	3.0	7
B1 0-2	BJ06310	SW6010	4/24/15	1	Vanadium	39.1	mg/kg	J	0.35	0.3
B1 0-2	BJ06310	SW6010	4/24/15	1	Selenium		mg/kg	U	1.2	1.4
B1 0-2	BJ06310	SW6010	4/24/15	1	Zinc	65.7	mg/kg	J	0.35	0.7
B1 0-2	BJ06310	SW7471	4/24/15	1	Mercury	0.11	mg/kg		0.02	0.03
B1 0-2	BJ06310	SW8081	4/23/15	2	Heptachlor Epoxide		ug/kg	U	7.1	7.1
B1 0-2	BJ06310	SW8081	4/23/15	2	Endosulfan Sulfate		ug/kg	U	7.1	7.1
B1 0-2	BJ06310	SW8081	4/23/15	2	Aldrin		ug/kg	U	3.5	3.5
B1 0-2	BJ06310	SW8081	4/23/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	7.1	7.1
B1 0-2	BJ06310	SW8081	4/23/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	15	15
B1 0-2	BJ06310	SW8081	4/23/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	7.1	7.1
B1 0-2	BJ06310	SW8081	4/23/15	2	Beta Endosulfan		ug/kg	U	7.1	7.1
B1 0-2	BJ06310	SW8081	4/23/15	2	P,P'-DDT		ug/kg	U	2.1	2.1
B1 0-2	BJ06310	SW8081	4/23/15	2	cis-Chlordane		ug/kg	U	3.5	3.5
B1 0-2	BJ06310	SW8081	4/23/15	2	trans-Chlordane		ug/kg	U	3.5	3.5
B1 0-2	BJ06310	SW8081	4/23/15	2	Endrin Ketone		ug/kg	U	7.1	7.1
B1 0-2	BJ06310	SW8081	4/23/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.4	1.4
B1 0-2	BJ06310	SW8081	4/23/15	2	Dieldrin		ug/kg	U	3.5	3.5
B1 0-2	BJ06310	SW8081	4/23/15	2	Endrin		ug/kg	U	7.1	7.1



**2401 3RD AVENUE
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DATA SUMMARY TABLE
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SDG: GBJ06310**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
B1 0-2	BJ06310	SW8081	4/23/15	2	Methoxychlor		ug/kg	U	35	35
B1 0-2	BJ06310	SW8081	4/23/15	2	P,P'-DDD		ug/kg	U	2.1	2.1
B1 0-2	BJ06310	SW8081	4/23/15	2	P,P'-DDE		ug/kg	U	2.1	2.1
B1 0-2	BJ06310	SW8081	4/23/15	2	Endrin Aldehyde		ug/kg	U	7.1	7.1
B1 0-2	BJ06310	SW8081	4/23/15	2	Heptachlor		ug/kg	U	7.1	7.1
B1 0-2	BJ06310	SW8081	4/23/15	2	Toxaphene		ug/kg	U	140	140
B1 0-2	BJ06310	SW8081	4/23/15	2	Alpha Endosulfan		ug/kg	U	7.1	7.1
B1 0-2	BJ06310	SW8082	4/23/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	35	35
B1 0-2	BJ06310	SW8082	4/23/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	35	35
B1 0-2	BJ06310	SW8082	4/23/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	35	35
B1 0-2	BJ06310	SW8082	4/23/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	35	35
B1 0-2	BJ06310	SW8082	4/23/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	35	35
B1 0-2	BJ06310	SW8082	4/23/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	35	35
B1 0-2	BJ06310	SW8082	4/23/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	35	35
B1 0-2	BJ06310	SW8082	4/23/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	35	35
B1 0-2	BJ06310	SW8082	4/23/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	35	35
B1 10-11	BJ06312	E160.3	4/22/15	1	Solids, Percent	88	%			
B1 10-11	BJ06312	SW8260	4/23/15	1	Ethylbenzene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Styrene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	N-Propylbenzene		ug/kg	U	1.0	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	N-Butylbenzene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	4-Chlorotoluene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,4-Dichlorobenzene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Acrolein		ug/kg	UJ	2.8	23
B1 10-11	BJ06312	SW8260	4/23/15	1	1,2-Dichloroethane		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Acrylonitrile		ug/kg	UJ	0.57	11
B1 10-11	BJ06312	SW8260	4/23/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	5.7	28
B1 10-11	BJ06312	SW8260	4/23/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Bromobenzene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Toluene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Chlorobenzene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Tetrahydrofuran		ug/kg	U	2.8	11
B1 10-11	BJ06312	SW8260	4/23/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	2.8	11
B1 10-11	BJ06312	SW8260	4/23/15	1	1,2,4-Trichlorobenzene		ug/kg	UJ	1.1	5.7



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
B1 10-11	BJ06312	SW8260	4/23/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	45	100
B1 10-11	BJ06312	SW8260	4/23/15	1	Dibromochloromethane		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Tetrachloroethylene (PCE)		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Sec-Butylbenzene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,3-Dichloropropane		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Tert-Butyl Methyl Ether		ug/kg	U	1.1	11
B1 10-11	BJ06312	SW8260	4/23/15	1	m,p-Xylene		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,3-Dichlorobenzene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Carbon Tetrachloride		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,1-Dichloropropene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	2-Hexanone		ug/kg	UJ	5.7	28
B1 10-11	BJ06312	SW8260	4/23/15	1	2,2-Dichloropropane		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Acetone	13	ug/kg	J	5.7	50
B1 10-11	BJ06312	SW8260	4/23/15	1	Chloroform		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Benzene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,1,1-Trichloroethane		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Bromomethane		ug/kg	U	2.3	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Chloromethane		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Dibromomethane		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Bromochloromethane		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Chloroethane		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Vinyl Chloride		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Methylene Chloride		ug/kg	U	5.7	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Carbon Disulfide	1.4	ug/kg	J	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Bromoform		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Bromodichloromethane		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,1-Dichloroethane		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,1-Dichloroethene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Tert-Butyl Alcohol		ug/kg	U	23	110
B1 10-11	BJ06312	SW8260	4/23/15	1	Trichlorofluoromethane		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Dichlorodifluoromethane		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,2-Dichloropropane		ug/kg	U	1.1	5.7



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
B1 10-11	BJ06312	SW8260	4/23/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	5.7	34
B1 10-11	BJ06312	SW8260	4/23/15	1	1,1,2-Trichloroethane		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Trichloroethylene (TCE)		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,2,3-Trichlorobenzene		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Hexachlorobutadiene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Naphthalene		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	2-Chlorotoluene		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,2-Dichlorobenzene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	U	1.1	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	1,2,3-Trichloropropane		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	T-Butylbenzene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8260	4/23/15	1	Cymene		ug/kg	U	0.57	5.7
B1 10-11	BJ06312	SW8270	4/23/15	1	Anthracene		ug/kg	U	120	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Pyrene		ug/kg	U	130	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Benzo(G,H,I)Perylene		ug/kg	U	120	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	120	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Benzo(B)Fluoranthene		ug/kg	U	130	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Fluoranthene		ug/kg	U	120	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Benzo(K)Fluoranthene		ug/kg	U	120	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Acenaphthylene		ug/kg	U	100	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Chrysene		ug/kg	U	130	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Benzo(A)Pyrene		ug/kg	U	120	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Dibenz(A,H)Anthracene		ug/kg	U	120	330
B1 10-11	BJ06312	SW8270	4/23/15	1	Benzo(A)Anthracene		ug/kg	U	130	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Acenaphthene		ug/kg	U	110	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Phenanthrene		ug/kg	U	110	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Fluorene		ug/kg	U	120	370
B1 10-11	BJ06312	SW8270	4/23/15	1	Naphthalene		ug/kg	U	110	370
B1 10-11	BJ06312	SW8270	4/23/15	1	2-Methylnaphthalene		ug/kg	U	110	370
B1 7-10	BJ06311	E160.3	4/22/15	1	Solids, Percent	72	%			
B1 7-10	BJ06311	SW6010	4/23/15	10	Aluminum	10200	mg/kg		9.1	46
B1 7-10	BJ06311	SW6010	4/23/15	10	Iron	27300	mg/kg		46	46
B1 7-10	BJ06311	SW6010	4/23/15	10	Manganese	360	mg/kg		4.6	4.6



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
B1 7-10	BJ06311	SW6010	4/24/15	1	Lead	87.3	mg/kg		0.46	0.9
B1 7-10	BJ06311	SW6010	4/24/15	1	Magnesium	6000	mg/kg		4.6	4.6
B1 7-10	BJ06311	SW6010	4/24/15	1	Nickel	16.8	mg/kg		0.46	0.46
B1 7-10	BJ06311	SW6010	4/24/15	1	Potassium	2040	mg/kg		3.6	9
B1 7-10	BJ06311	SW6010	4/24/15	1	Silver		mg/kg	U	0.46	0.46
B1 7-10	BJ06311	SW6010	4/24/15	1	Sodium	619	mg/kg		3.9	9
B1 7-10	BJ06311	SW6010	4/24/15	1	Thallium		mg/kg	U	1.8	1.8
B1 7-10	BJ06311	SW6010	4/24/15	1	Antimony		mg/kg	U	2.3	2.3
B1 7-10	BJ06311	SW6010	4/24/15	1	Arsenic	7.0	mg/kg		0.91	0.9
B1 7-10	BJ06311	SW6010	4/24/15	1	Barium	79.3	mg/kg		0.46	0.9
B1 7-10	BJ06311	SW6010	4/24/15	1	Beryllium	0.47	mg/kg		0.18	0.37
B1 7-10	BJ06311	SW6010	4/24/15	1	Cadmium		mg/kg	U	0.18	0.46
B1 7-10	BJ06311	SW6010	4/24/15	1	Chromium, Total	22.0	mg/kg		0.46	0.46
B1 7-10	BJ06311	SW6010	4/24/15	1	Cobalt	9.09	mg/kg		0.46	0.46
B1 7-10	BJ06311	SW6010	4/24/15	1	Copper	36.0	mg/kg		0.46	0.46
B1 7-10	BJ06311	SW6010	4/24/15	1	Vanadium	34.3	mg/kg		0.46	0.5
B1 7-10	BJ06311	SW6010	4/24/15	1	Zinc	96.5	mg/kg		0.46	0.9
B1 7-10	BJ06311	SW6010	4/24/15	1	Calcium	7780	mg/kg	J+	4.2	4.6
B1 7-10	BJ06311	SW6010	4/24/15	1	Selenium		mg/kg	U	1.6	1.8
B1 7-10	BJ06311	SW7471	4/24/15	1	Mercury	0.52	mg/kg		0.02	0.04
B1 7-10	BJ06311	SW8081	4/24/15	2	Heptachlor Epoxide		ug/kg	U	9.2	9.2
B1 7-10	BJ06311	SW8081	4/24/15	2	Endosulfan Sulfate		ug/kg	U	9.2	9.2
B1 7-10	BJ06311	SW8081	4/24/15	2	Aldrin		ug/kg	U	4.6	4.6
B1 7-10	BJ06311	SW8081	4/24/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	9.2	9.2
B1 7-10	BJ06311	SW8081	4/24/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	15	15
B1 7-10	BJ06311	SW8081	4/24/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	9.2	9.2
B1 7-10	BJ06311	SW8081	4/24/15	2	Beta Endosulfan		ug/kg	U	9.2	9.2
B1 7-10	BJ06311	SW8081	4/24/15	2	P,P'-DDT		ug/kg	U	2.8	2.8
B1 7-10	BJ06311	SW8081	4/24/15	2	cis-Chlordane		ug/kg	U	10	10
B1 7-10	BJ06311	SW8081	4/24/15	2	trans-Chlordane		ug/kg	U	4.6	4.6
B1 7-10	BJ06311	SW8081	4/24/15	2	Endrin Ketone		ug/kg	U	9.2	9.2
B1 7-10	BJ06311	SW8081	4/24/15	2	Chlordane		ug/kg	U	46	46
B1 7-10	BJ06311	SW8081	4/24/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.8	1.8
B1 7-10	BJ06311	SW8081	4/24/15	2	Dieldrin		ug/kg	U	4.6	4.6
B1 7-10	BJ06311	SW8081	4/24/15	2	Endrin		ug/kg	U	9.2	9.2
B1 7-10	BJ06311	SW8081	4/24/15	2	Methoxychlor		ug/kg	U	46	46
B1 7-10	BJ06311	SW8081	4/24/15	2	P,P'-DDD		ug/kg	U	2.8	2.8



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
B1 7-10	BJ06311	SW8081	4/24/15	2	P,P'-DDE		ug/kg	U	2.8	2.8
B1 7-10	BJ06311	SW8081	4/24/15	2	Endrin Aldehyde		ug/kg	U	9.2	9.2
B1 7-10	BJ06311	SW8081	4/24/15	2	Heptachlor		ug/kg	U	9.2	9.2
B1 7-10	BJ06311	SW8081	4/24/15	2	Toxaphene		ug/kg	U	180	180
B1 7-10	BJ06311	SW8081	4/24/15	2	Alpha Endosulfan		ug/kg	U	9.2	9.2
B1 7-10	BJ06311	SW8082	4/23/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	46	46
B1 7-10	BJ06311	SW8082	4/23/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	46	46
B1 7-10	BJ06311	SW8082	4/23/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	46	46
B1 7-10	BJ06311	SW8082	4/23/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	46	46
B1 7-10	BJ06311	SW8082	4/23/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	46	46
B1 7-10	BJ06311	SW8082	4/23/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	46	46
B1 7-10	BJ06311	SW8082	4/23/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	46	46
B1 7-10	BJ06311	SW8082	4/23/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	46	46
B1 7-10	BJ06311	SW8082	4/23/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	46	46
B1 7-10	BJ06311	SW8260	4/23/15	50	N-Propylbenzene		ug/kg	U	63	350
B1 7-10	BJ06311	SW8260	4/23/15	50	N-Butylbenzene		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	4-Chlorotoluene		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	1,4-Dichlorobenzene		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	Bromobenzene		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	U	170	690
B1 7-10	BJ06311	SW8260	4/23/15	50	1,2,4-Trichlorobenzene		ug/kg	UJ	69	350
B1 7-10	BJ06311	SW8260	4/23/15	50	Sec-Butylbenzene	35	ug/kg	J	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	O-Cymene (O-Isopropyltoluene)		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	1,3-Dichlorobenzene		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	1,2,3-Trichlorobenzene		ug/kg	U	69	350
B1 7-10	BJ06311	SW8260	4/23/15	50	Hexachlorobutadiene		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	Naphthalene		ug/kg	U	69	350
B1 7-10	BJ06311	SW8260	4/23/15	50	2-Chlorotoluene		ug/kg	U	69	350
B1 7-10	BJ06311	SW8260	4/23/15	50	1,2-Dichlorobenzene		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	1,2,4-Trimethylbenzene	37	ug/kg	J	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	U	69	350
B1 7-10	BJ06311	SW8260	4/23/15	50	1,2,3-Trichloropropane		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	T-Butylbenzene		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	Isopropylbenzene (Cumene)		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	50	Cymene		ug/kg	U	35	350
B1 7-10	BJ06311	SW8260	4/23/15	1	Ethylbenzene		ug/kg	UJ	0.69	6.9



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL/WATER
SDG: GBJ06310**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
B1 7-10	BJ06311	SW8260	4/23/15	1	Styrene		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Cis-1,3-Dichloropropene		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Trans-1,3-Dichloropropene		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Acrolein		ug/kg	UJ	3.5	28
B1 7-10	BJ06311	SW8260	4/23/15	1	1,2-Dichloroethane		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Acrylonitrile		ug/kg	UJ	0.69	14
B1 7-10	BJ06311	SW8260	4/23/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	UJ	6.9	35
B1 7-10	BJ06311	SW8260	4/23/15	1	Toluene		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Chlorobenzene		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Tetrahydrofuran		ug/kg	UJ	3.5	14
B1 7-10	BJ06311	SW8260	4/23/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	UJ	56	100
B1 7-10	BJ06311	SW8260	4/23/15	1	Dibromochloromethane		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Tetrachloroethylene (PCE)		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	1,3-Dichloropropane		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Cis-1,2-Dichloroethylene		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Trans-1,2-Dichloroethene		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Tert-Butyl Methyl Ether		ug/kg	UJ	1.4	14
B1 7-10	BJ06311	SW8260	4/23/15	1	m,p-Xylene		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Carbon Tetrachloride		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	1,1-Dichloropropene		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	2-Hexanone		ug/kg	UJ	6.9	35
B1 7-10	BJ06311	SW8260	4/23/15	1	2,2-Dichloropropane		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	1,1,1,2-Tetrachloroethane		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Acetone	67	ug/kg	J	6.9	69
B1 7-10	BJ06311	SW8260	4/23/15	1	Chloroform		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Benzene	1.1	ug/kg	J	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	1,1,1-Trichloroethane		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Bromomethane		ug/kg	UJ	2.8	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Chloromethane		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Dibromomethane		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Bromochloromethane		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Chloroethane		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Vinyl Chloride		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Methylene Chloride		ug/kg	UJ	6.9	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Carbon Disulfide	3.7	ug/kg	J	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Bromoform		ug/kg	UJ	1.4	6.9



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL/WATER
SDG: GBJ06310**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
B1 7-10	BJ06311	SW8260	4/23/15	1	Bromodichloromethane		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	1,1-Dichloroethane		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	1,1-Dichloroethene		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Tert-Butyl Alcohol		ug/kg	UJ	28	140
B1 7-10	BJ06311	SW8260	4/23/15	1	Trichlorofluoromethane		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Dichlorodifluoromethane		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	1,2-Dichloropropane		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	UJ	6.9	42
B1 7-10	BJ06311	SW8260	4/23/15	1	1,1,2-Trichloroethane		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	Trichloroethylene (TCE)		ug/kg	UJ	0.69	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	1,1,2,2-Tetrachloroethane		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8260	4/23/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	UJ	1.4	6.9
B1 7-10	BJ06311	SW8270	4/23/15	1	Anthracene	490	ug/kg		150	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Pyrene	2300	ug/kg		160	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Benzo(G,H,I)Perylene	490	ug/kg		150	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Indeno(1,2,3-C,D)Pyrene	380	ug/kg	J	150	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Benzo(B)Fluoranthene	1200	ug/kg		150	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Fluoranthene	2300	ug/kg		150	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Benzo(K)Fluoranthene	470	ug/kg		150	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Acenaphthylene		ug/kg	U	130	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Chrysene	1100	ug/kg		150	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Benzo(A)Pyrene	990	ug/kg		150	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Dibenz(A,H)Anthracene		ug/kg	U	150	330
B1 7-10	BJ06311	SW8270	4/23/15	1	Benzo(A)Anthracene	1100	ug/kg		150	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Acenaphthene	200	ug/kg	J	140	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Phenanthrene	2000	ug/kg		130	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Fluorene	180	ug/kg	J	150	450
B1 7-10	BJ06311	SW8270	4/23/15	1	Naphthalene	320	ug/kg	J	130	450
B1 7-10	BJ06311	SW8270	4/23/15	1	2-Methylnaphthalene		ug/kg	U	130	450
B1 GW	BJ06313	SW8260	4/24/15	1	Ethylbenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Styrene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Cis-1,3-Dichloropropene		ug/l	U	0.25	0.40
B1 GW	BJ06313	SW8260	4/24/15	1	Trans-1,3-Dichloropropene		ug/l	U	0.25	0.40
B1 GW	BJ06313	SW8260	4/24/15	1	N-Propylbenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	N-Butylbenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	4-Chlorotoluene		ug/l	U	0.25	1.0



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL/WATER
SDG: GBJ06310**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
B1 GW	BJ06313	SW8260	4/24/15	1	1,4-Dichlorobenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Acrolein		ug/l	U	2.5	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,2-Dichloroethane		ug/l	U	0.25	0.60
B1 GW	BJ06313	SW8260	4/24/15	1	Acrylonitrile		ug/l	U	2.5	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/l	U	2.5	2.5
B1 GW	BJ06313	SW8260	4/24/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Bromobenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Toluene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Chlorobenzene		ug/l	U	0.25	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	Tetrahydrofuran		ug/l	U	2.5	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	Trans-1,4-Dichloro-2-Butene		ug/l	U	2.5	2.5
B1 GW	BJ06313	SW8260	4/24/15	1	1,2,4-Trichlorobenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Dibromochloromethane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Tetrachloroethylene (PCE)	0.42	ug/l	J	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Sec-Butylbenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,3-Dichloropropane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Cis-1,2-Dichloroethylene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Trans-1,2-Dichloroethene		ug/l	U	0.25	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	Tert-Butyl Methyl Ether		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	m,p-Xylene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	O-Cymene (O-Isopropyltoluene)		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,3-Dichlorobenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Carbon Tetrachloride		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,1-Dichloropropene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	2-Hexanone		ug/l	U	2.5	2.5
B1 GW	BJ06313	SW8260	4/24/15	1	2,2-Dichloropropane		ug/l	UJ	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,1,1,2-Tetrachloroethane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Acetone	3.7	ug/l	J	2.5	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	Chloroform		ug/l	U	0.25	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	Benzene		ug/l	U	0.25	0.70
B1 GW	BJ06313	SW8260	4/24/15	1	1,1,1-Trichloroethane		ug/l	U	0.25	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	Bromomethane		ug/l	U	0.25	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	Chloromethane		ug/l	U	0.25	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	Dibromomethane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Bromochloromethane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Chloroethane		ug/l	U	0.25	5.0



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL/WATER
SDG: GBJ06310**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
B1 GW	BJ06313	SW8260	4/24/15	1	Vinyl Chloride		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Methylene Chloride		ug/l	U	1.0	3.0
B1 GW	BJ06313	SW8260	4/24/15	1	Carbon Disulfide	1.0	ug/l	J	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Bromoform		ug/l	U	0.25	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	Bromodichloromethane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,1-Dichloroethane		ug/l	U	0.25	5.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,1-Dichloroethene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Trichlorofluoromethane		ug/l	UJ	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Dichlorodifluoromethane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,2-Dichloropropane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/l	U	2.5	2.5
B1 GW	BJ06313	SW8260	4/24/15	1	1,1,2-Trichloroethane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Trichloroethylene (TCE)		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,1,2,2-Tetrachloroethane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,2,3-Trichlorobenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Hexachlorobutadiene		ug/l	U	0.10	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Naphthalene		ug/l	U	1.0	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	2-Chlorotoluene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,2-Dichlorobenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,2,4-Trimethylbenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,2-Dibromo-3-Chloropropane		ug/l	U	0.50	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	1,2,3-Trichloropropane		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	T-Butylbenzene		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Isopropylbenzene (Cumene)		ug/l	U	0.25	1.0
B1 GW	BJ06313	SW8260	4/24/15	1	Cymene		ug/l	U	0.25	1.0

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-019
SDG #: GBK26739
Client: Environmental Business Consultants
Date: 1/13/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for sixteen (16) soil samples analyzed for Semi-volatiles by SW-846 Method 8270D in accordance with the NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/20/2015 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 B6 3-5	BK26739	11/20/15	SVO	Soil	
15 B6 10-12	BK26740	11/20/15	SVO	Soil	
15 B7 6-8	BK26741	11/20/15	SVO	Soil	
15 B9 0-2	BK26742	11/20/15	SVO	Soil	
15 B9 6-8	BK26743	11/20/15	SVO	Soil	
15 B8 6-8	BK26744	11/20/15	SVO	Soil	
15 B10 6-8	BK26746	11/20/15	SVO	Soil	
15 B17 6-8	BK26747	11/20/15	SVO	Soil	
15 B18 0-2	BK26748	11/20/15	SVO	Soil	
15 B18 6-8	BK26749	11/20/15	SVO	Soil	
15 B19 0-2	BK26750	11/20/15	SVO	Soil	
15 B19 6-8	BK26751	11/20/15	SVO	Soil	
15 B20 8-10	BK26752	11/20/15	SVO	Soil	
15 B15 6-8	BK26753	11/20/15	SVO	Soil	
15 B23 2-4	BK26754	11/20/15	SVO	Soil	
15 B23 6-8	BK26755	11/20/15	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 11/11/2015 (CHEM05) 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.
2. Initial calibration curve analyzed on 11/11/2015 (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) with the following exception(s):

Compound	%RSD
Benzoic Acid	21.8

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B8 6-8	BK26744	Benzoic Acid	UJ
15 B10 6-8	BK26746	Benzoic Acid	UJ
15 B18 0-2	BK26748	Benzoic Acid	UJ
15 B18 6-8	BK26749	Benzoic Acid	UJ
15 B20 8-10	BK26752	Benzoic Acid	UJ
15 B15 6-8	BK26753	Benzoic Acid	UJ
15 B23 2-4	BK26754	Benzoic Acid	UJ

(1) Results for this compound were qualified due to low LCS recovery.

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/20/2015 @ 22:17 (CHEM05) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$ with the following exception(s):

Compound	%D
2-Methylnaphthalene	-44.7
Benzidine	-27.4

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B6 3-5	BK26739	2-Methylnaphthalene, Benzidine	UJ
15 B6 10-12	BK26740	2-Methylnaphthalene, Benzidine	UJ
15 B7 6-8	BK26741	2-Methylnaphthalene, Benzidine	UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B9 0-2	BK26742	2-Methylnaphthalene, Benzidine	UJ
15 B9 6-8	BK26743	2-Methylnaphthalene, Benzidine	UJ
15 B17 6-8	BK26747	2-Methylnaphthalene, Benzidine	UJ
15 B19 0-2	BK26750	2-Methylnaphthalene, Benzidine	UJ
15 B19 6-8	BK26751	2-Methylnaphthalene, Benzidine	UJ
15 B23 6-8	BK26755	2-Methylnaphthalene, Benzidine	UJ

2. CCV analyzed on 11/21/2015 @ 07:01 (CHEM05) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$ with the following exception(s):

Compound	%D
2-Methylnaphthalene ⁽¹⁾	-51.6

(1) Results for this compound were qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B6 3-5	BK26739	2-Methylnaphthalene	UJ
15 B6 10-12	BK26740	2-Methylnaphthalene	UJ
15 B7 6-8	BK26741	2-Methylnaphthalene	UJ
15 B9 0-2	BK26742	2-Methylnaphthalene	UJ
15 B9 6-8	BK26743	2-Methylnaphthalene	UJ
15 B17 6-8	BK26747	2-Methylnaphthalene	UJ
15 B19 0-2	BK26750	2-Methylnaphthalene	UJ
15 B19 6-8	BK26751	2-Methylnaphthalene	UJ
15 B23 6-8	BK26755	2-Methylnaphthalene	UJ

3. CCV analyzed on 11/23/2015 @ 09:34 (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
Benzoic Acid ⁽¹⁾	-52.7
4-Chloroaniline	-22.6

(1) Results for this compound were qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B8 6-8	BK26744	Benzoic Acid, 4-Chloroaniline	UJ
15 B10 6-8	BK26746	Benzoic Acid, 4-Chloroaniline	UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B18 0-2	BK26748	Benzoic Acid, 4-Chloroaniline	UJ
15 B18 6-8	BK26749	Benzoic Acid, 4-Chloroaniline	UJ
15 B20 8-10	BK26752	Benzoic Acid, 4-Chloroaniline	UJ
15 B15 6-8	BK26753	Benzoic Acid, 4-Chloroaniline	UJ
15 B23 2-4	BK26754	Benzoic Acid, 4-Chloroaniline	UJ

- CCV analyzed on 11/23/2015 @ 20:56 (CHEM19) exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$. No qualifications were required.

Surrogates:

- Surrogate %REC values were within the QC acceptance limits. No qualifications were required. Note: Surrogate recoveries for sample 15 B23 2-4 were diluted out and therefore surrogate recoveries for this sample could not be evaluated.

Internal Standard (IS) Area Performance:

- All samples exhibited acceptable area count for all six internal standards. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

- Method Blank (BK26750 BLANK) associated with the soil samples extracted on 11/20/2015 and analyzed on 11/20/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

- Laboratory Control Sample associated with Batch ID: BK26750 were analyzed on 11/20/2015. All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R	Sample Affected	Action
Pyridine	23	15 B19 0-2, 15 B6 3-5, 15 B6 10-12, 15 B7 6-8, 15 B9 6-8, 15 B9 0-2, 15 B17 6-8, 15 B19 6-8,	UJ

Compound	%R	Sample Affected	Action
		15 B23 6-8	
Benzoic Acid	4	15 B19 0-2, 15 B6 3-5, 15 B6 10-12, 15 B7 6-8, 15 B9 6-8, 15 B9 0-2, 15 B17 6-8, 15 B19 6-8, 15 B23 6-8	R
2,4-Dinitrophenol	9	15 B19 0-2, 15 B6 3-5, 15 B6 10-12, 15 B7 6-8, 15 B9 6-8, 15 B9 0-2, 15 B17 6-8, 15 B19 6-8, 15 B23 6-8	R
Benzidine	27	15 B19 0-2, 15 B6 3-5, 15 B6 10-12, 15 B7 6-8, 15 B9 6-8, 15 B9 0-2, 15 B17 6-8, 15 B19 6-8, 15 B23 6-8	UJ ⁽¹⁾

A= Acceptable

(1) The result for this compound was qualified due to ICV/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)/Matrix Spike Duplicate (MSD) were performed on sample 15 B19 0-2 (BK26750). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R	Sample Affected	Action
Pyridine	25/28/A	15 B19 0-2	UJ ⁽¹⁾
Benzoic Acid ⁽¹⁾	A/A/46.9	15 B19 0-2	R ⁽¹⁾
Benzidine	22/A/53.3	15 B19 0-2	UJ ⁽¹⁾

A= Acceptable

(1) Results for this compound were qualified due to LCS recovery and/or ICV/CCV criteria.

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:
$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, } \mu\text{L})(V)(\% \text{Solids})}$$

C_x = concentration of analyte as ug/kg

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

VE= final volume of concentrated extract

Sample: LCS (BK26750)

Pyrene

Sample weight= 15g

Volume purged=1.0ml

DF = 1

%Solids=NA

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{1509013 \times 40 \times 1 \times 1000}{1217449 \times 1.336 \times 15} = 2474.027 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Pyrene	2474	2474	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: GBK26739.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK26739.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-019
SDG #: GBK26739
Client: Environmental Business Consultants
Date: 01/13/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for sixteen (16) 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 11/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/20/2015 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 B6 3-5	BK26739	11/20/15	VOA	Soil	
15 B6 10-12	BK26740	11/20/15	VOA	Soil	
15 B7 6-8	BK26741	11/20/15	VOA	Soil	
15 B9 0-2	BK26742	11/20/15	VOA	Soil	
15 B9 6-8	BK26743	11/20/15	VOA	Soil	
15 B8 6-8	BK26744	11/20/15	VOA	Soil	
15 B10 6-8	BK26746	11/20/15	VOA	Soil	
15 B17 6-8	BK26747	11/20/15	VOA	Soil	
15 B18 0-2	BK26748	11/20/15	VOA	Soil	
15 B18 6-8	BK26749	11/20/15	VOA	Soil	
15 B19 0-2	BK26750	11/20/15	VOA	Soil	
15 B19 6-8	BK26751	11/20/15	VOA	Soil	
15 B20 8-10	BK26752	11/20/15	VOA	Soil	
15 B15 6-8	BK26753	11/20/15	VOA	Soil	
15 B23 2-4	BK26754	11/20/15	VOA	Soil	
15 B23 6-8	BK26755	11/20/15	VOA	Soil	

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within 14 days from sample collection. No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/21/2015 (Chem18) 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	27.5

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B6 10-12	BK26740	Acetone	J
15 B7 6-8	BK26741	Acetone	J
15 B9 0-2	BK26742	Acetone	J
15 B9 6-8	BK26743	Acetone	J
15 B8 6-8	BK26744	Acetone	J
15 B10 6-8	BK26746	Acetone	J
15 B17 6-8	BK26747	Acetone	UJ
15 B18 0-2	BK26748	Acetone	J
15 B18 6-8	BK26749	Acetone	UJ
15 B19 0-2	BK26750	Acetone	J
15 B19 6-8	BK26751	Acetone	UJ
15 B20 8-10	BK26752	Acetone	J
15 B15 6-8	BK26753	Acetone	J
15 B23 2-4	BK26754	Acetone	J
15 B23 6-8	BK26755	Acetone	J

2. Initial calibration curve analyzed on 11/22/2015 (Chem18) 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	20.5
1,2-Dibromo-3-Chloropropane	A	23.3

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B6 3-5	BK26739	Acetone, 1,2-Dibromo-3-Chloropropane	J UJ

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/21/2015 @ 12:21 (CHEM18) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.
2. CCV analyzed on 11/21/2015 @ 23:04 (CHEM18) 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 11/22/2015 @ 19:47 (CHEM18) 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	-21.7

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B6 3-5	BK26739	Dichlorodifluoromethane	UJ

4. CCV analyzed on 11/23/2015 @ 06:25 (CHEM18) 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 soil samples and associated QC were within the laboratory control limits. No qualifications were required.

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BK26436 Blank) analyzed on 11/22/2015 was free of contamination. No qualifications were required.

2. Method Blank (BK26751 Blank) analyzed on 11/21/2015 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: BK26436 were analyzed on 11/22/2015. 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: BK26751 were analyzed on 11/21/2015. 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 performed on sample 15 B19 6-8 (BK26751). All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acrolein	68/64/A	15 B19 6-8	UJ
Acetone	A/66/A	15 B19 6-8	UJ ⁽¹⁾
Hexachlorobutadiene	69/66/A	15 B19 6-8	UJ
1,2,4-Trichlorobenzene	56/50/A	15 B19 6-8	UJ
Naphthalene	66/60/A	15 B19 6-8	UJ
1,2,3-Trichlorobenzene	53/49/A	15 B19 6-8	UJ

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 >50%. No qualifications were required.
3. Manual Calculation:
$$Cx = \frac{(Ax)(IS)(VE)(DF)}{(Ais)(RRF)(Volume\ injected, \mu L)(V)(\%Solids)}$$

Cx = concentration of analyte as ug/kg

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

Ais = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

VE= final volume of concentrated extract

Sample: 15 B8 6-8 (BK26744)

Methyl Ethyl Ketone

Sample weight: 4.82g

Final volume: 5ml

%Solids: 68%

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{33118 \times 50 \times 5\text{ml} \times 1}{276956 \times 0.274 \times 4.82\text{g} \times 0.68} = 33.288\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Methyl Ethyl Ketone	33	33	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: GBK26739.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK26739.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-019
SDG #: GBK26739
Client: Environmental Business Consultants
Date: 01/13/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for eleven (11) soil samples analyzed for Pesticides by SW-846 Method 8081B in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/20/2015 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 B6 3-5	BK26739	11/20/15	Pesticides	Soil	
15 B6 10-12	BK26740	11/20/15	Pesticides	Soil	
15 B9 0-2	BK26742	11/20/15	Pesticides	Soil	
15 B9 6-8	BK26743	11/20/15	Pesticides	Soil	
15 B10 6-8	BK26746	11/20/15	Pesticides	Soil	
15 B18 0-2	BK26748	11/20/15	Pesticides	Soil	
15 B18 6-8	BK26749	11/20/15	Pesticides	Soil	
15 B19 0-2	BK26750	11/20/15	Pesticides	Soil	
15 B19 6-8	BK26751	11/20/15	Pesticides	Soil	
15 B23 2-4	BK26754	11/20/15	Pesticides	Soil	
15 B23 6-8	BK26755	11/20/15	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 11/17/2015 (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 11/16/2015 (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.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/21 & 23/2015 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds on column A. 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 (BK26750 BL) associated with the soil samples extracted on 11/20/2015 and analyzed on 11/21/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BK26750 LCS was analyzed on 11/21/2015. 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 B19 0-2 (BK26750). All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Aldrin	A/A/31.6	15 B19 0-2	UJ
Endosulfan I	A/A/32.8	15 B19 0-2	UJ
Dieldrin	A/A/31.7	15 B19 0-2	UJ
4,4'-DDD	A/A/31.9	15 B19 0-2	UJ
4,4'-DDT	A/A/31.4	15 B19 0-2	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:

BK26750 LCS

Alpha-Chlordane

On Column concentration (A) = 34.6949ng

Sample Weight= 15.0g

DF = 2

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{34.6949\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 23.13\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-Chlordane	23.1	23.1	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: GBK26739.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK26739.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-019
SDG #: GBK26739
Client: Environmental Business Consultants
Date: 01/14/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for eleven (11) soil samples analyzed for PCBs by SW-846 Method 8082A in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/20/2015 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 B6 3-5	BK26739	11/20/15	PCBs	Soil	
15 B6 10-12	BK26740	11/20/15	PCBs	Soil	
15 B9 0-2	BK26742	11/20/15	PCBs	Soil	
15 B9 6-8	BK26743	11/20/15	PCBs	Soil	
15 B10 6-8	BK26746	11/20/15	PCBs	Soil	
15 B18 0-2	BK26748	11/20/15	PCBs	Soil	
15 B18 6-8	BK26749	11/20/15	PCBs	Soil	
15 B19 0-2	BK26750	11/20/15	PCBs	Soil	
15 B19 6-8	BK26751	11/20/15	PCBs	Soil	
15 B23 2-4	BK26754	11/20/15	PCBs	Soil	
15 B23 6-8	BK26755	11/20/15	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 10/22/2015 (ECD1) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.
2. Initial calibration curve analyzed on 11/06/2015 (ECD1) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/21, 23, 24/2015 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 (BK26750 BL) associated with the soil samples extracted on 11/20/2015 and analyzed on 11/21/2015 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: BK26750 were analyzed on 11/21/2015. 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 B9 0-2 (BK26742). 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:

BJ06310 LCS

Aroclor-1016

On Column concentration (B)= 377.776ng

Sample weight= 15.0g

DF= 10

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{377.776\text{ng} \times 5\text{ml} \times 10}{15.0\text{g}} = 1259.253\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1260	1260	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: GBK26739.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK26739.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-019
SDG #: GBK26739
Client: Environmental Business Consultants
Date: 01/14/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for eleven (11) 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 11/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/20/2015 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 B6 3-5	BK26739	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B6 10-12	BK26740	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B9 0-2	BK26742	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B9 6-8	BK26743	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B10 6-8	BK26746	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B18 0-2	BK26748	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B18 6-8	BK26749	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B19 0-2	BK26750	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B19 6-8	BK26751	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B23 2-4	BK26754	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B23 6-8	BK26755	11/20/15	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	11/24/15: 0:10	149.9	None	None

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 11/21-24/2015 %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Copper	11/21/15: 17:07	139.2	None	None
Zinc	11/21/15: 17:07	132.4	None	None
	11/23/15:	-130.5	None	None

Analyte	Date Analyzed	%R	Sample Affected	Action
	23:26			
	11/24/15: 0:54	199.4	None	None
Calcium	11/23/15: 19:31	59.4	15 B9 6-8, 15 B18 0-2, 15 B19 0-2	J-
Iron	11/23/15: 21:49	134.0	None	None
	11/24/15: 0:54	199.4	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	11/23/15: 21:56; 21:59	125.1	15 B6 3-5, 15 B6 10-12, 15 B9 0-2, 15 B9 6-8, 15 B10 6-8, 15 B18 0-2, 15 B18 6-8, 15 B19 0-2	J+
	11/24/15: 5:40; 5:43	121.4	15 B19 6-8, 15 B23 2-4, 15 B23 6-8	

Blanks (Method Blank, ICB and CCB):

ICP-AES:

1. Method Blank-Soil (BK26739) digested on 11/20/2015 was free of contamination. No qualifications were required.
2. All ICB and CCBs were free of contamination with the exception of iron (101 ug/L). Iron was not analyzed around the contaminated CCB, therefore no qualifications were required.

Mercury:

1. All ICB and CCBs were free of contamination. No qualifications were required.
2. Method Blank (BK26205) digested on 11/21/2015 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 (BK26739) digested on 11/23/2015 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. A field duplicate pair was 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 B6 3-5 (BK26739). All %RECs were within the laboratory control limits with the following exception(s):

Compound	MS%R/Post%R	Sample Affected	Action
Magnesium	104/30	15 B6 3-5	J+
Sodium	133/A	15 B6 3-5	J+

A= Acceptable

Cyanide:

1. Matrix Spike (MS) was performed on sample 15 B6 3-5 (BK26739). All RPDs 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 B6 3-5 (BK26739). All RPDs were within the laboratory control limits with the following exception(s):

Element	%R	Sample Affected	Action
Copper	47.3	15 B6 3-5	J

ICP-AES Serial Dilution:

1. ICP serial dilution was performed on sample 15 B6 3-5 (BK26739). For all results for which the concentration in the original sample is $\geq 50\times$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$) with the following exception(s):

Element	%D	Sample Affected	Action
Copper	13.2	15 B6 3-5	J
Potassium	12.3	15 B6 3-5	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 B6 10-12 (BK26740)

Barium

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

$$V = 50ml$$

$$W = 0.79g$$

$$\% \text{Solids} = 62.0$$

$$DF = 1.0$$

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{384.0032ug/L \times 50 \times 1.0 \times 1L \times 1000g \times 1mg}{0.79 \times 0.62 \times 1000ml \times 1 kg \times 1000ug} = 39.20 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Barium	39.2	39.2	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: GBK26739.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK26739.



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B6 3-5	BK26739	E160.3	11/21/15	1	SOLIDS, PERCENT	87	%			
15 B6 3-5	BK26739	SW6010	11/23/15	10	Aluminum	4000	mg/Kg		7.2	36
15 B6 3-5	BK26739	SW6010	11/23/15	100	Iron	139000	mg/Kg		360	360
15 B6 3-5	BK26739	SW6010	11/23/15	100	Manganese	1660	mg/Kg		36	36
15 B6 3-5	BK26739	SW6010	11/23/15	1	Lead	42.2	mg/Kg		0.36	0.7
15 B6 3-5	BK26739	SW6010	11/23/15	1	Magnesium	518	mg/Kg	J+	3.6	3.6
15 B6 3-5	BK26739	SW6010	11/23/15	1	Nickel	49.6	mg/Kg		0.36	0.36
15 B6 3-5	BK26739	SW6010	11/23/15	1	Potassium	334	mg/Kg	J+	2.8	7
15 B6 3-5	BK26739	SW6010	11/23/15	1	Silver		mg/Kg	U	0.36	0.36
15 B6 3-5	BK26739	SW6010	11/23/15	1	Sodium	149	mg/Kg	J+	3.1	7
15 B6 3-5	BK26739	SW6010	11/23/15	1	Thallium		mg/Kg	U	1.4	1.4
15 B6 3-5	BK26739	SW6010	11/23/15	1	Antimony		mg/Kg	U	1.8	1.8
15 B6 3-5	BK26739	SW6010	11/23/15	1	Arsenic	11.9	mg/Kg		0.72	0.7
15 B6 3-5	BK26739	SW6010	11/23/15	1	Barium	53.3	mg/Kg		0.36	0.7
15 B6 3-5	BK26739	SW6010	11/23/15	1	Beryllium	0.18	mg/Kg	J	0.14	0.29
15 B6 3-5	BK26739	SW6010	11/23/15	1	Cadmium	3.03	mg/Kg		0.14	0.36
15 B6 3-5	BK26739	SW6010	11/23/15	1	Chromium	28.2	mg/Kg		0.36	0.36
15 B6 3-5	BK26739	SW6010	11/23/15	1	Cobalt	48.7	mg/Kg		0.36	0.36
15 B6 3-5	BK26739	SW6010	11/23/15	1	Copper	64.6	mg/Kg	J	0.36	0.36
15 B6 3-5	BK26739	SW6010	11/23/15	1	Vanadium	71.6	mg/Kg		0.36	0.4
15 B6 3-5	BK26739	SW6010	11/23/15	1	Calcium	4700	mg/Kg		3.3	3.6
15 B6 3-5	BK26739	SW6010	11/23/15	1	Selenium		mg/Kg	U	1.2	1.4
15 B6 3-5	BK26739	SW6010	11/25/15	10	Zinc		mg/Kg	U	3.6	7.2
15 B6 3-5	BK26739	SW7471	11/23/15	1	Mercury	0.05	mg/Kg		0.02	0.03
15 B6 3-5	BK26739	SW8081	11/21/15	2	Heptachlor epoxide		ug/Kg	U	7.6	7.6
15 B6 3-5	BK26739	SW8081	11/21/15	2	Endosulfan sulfate		ug/Kg	U	7.6	7.6
15 B6 3-5	BK26739	SW8081	11/21/15	2	Aldrin		ug/Kg	U	3.8	3.8
15 B6 3-5	BK26739	SW8081	11/21/15	2	a-BHC		ug/Kg	U	7.6	7.6
15 B6 3-5	BK26739	SW8081	11/21/15	2	b-BHC		ug/Kg	U	7.6	7.6
15 B6 3-5	BK26739	SW8081	11/21/15	2	d-BHC		ug/Kg	U	7.6	7.6
15 B6 3-5	BK26739	SW8081	11/21/15	2	Endosulfan II		ug/Kg	U	7.6	7.6
15 B6 3-5	BK26739	SW8081	11/21/15	2	4,4' -DDT		ug/Kg	U	2.3	2.3
15 B6 3-5	BK26739	SW8081	11/21/15	2	a-Chlordane		ug/Kg	U	3.8	3.8
15 B6 3-5	BK26739	SW8081	11/21/15	2	g-Chlordane		ug/Kg	U	3.8	3.8
15 B6 3-5	BK26739	SW8081	11/21/15	2	Endrin ketone		ug/Kg	U	7.6	7.6
15 B6 3-5	BK26739	SW8081	11/21/15	2	Chlordane		ug/Kg	U	38	38
15 B6 3-5	BK26739	SW8081	11/21/15	2	g-BHC		ug/Kg	U	1.5	1.5
15 B6 3-5	BK26739	SW8081	11/21/15	2	Dieldrin		ug/Kg	U	3.8	3.8



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B6 3-5	BK26739	SW8081	11/21/15	2	Endrin		ug/Kg	U	7.6	7.6
15 B6 3-5	BK26739	SW8081	11/21/15	2	Methoxychlor		ug/Kg	U	38	38
15 B6 3-5	BK26739	SW8081	11/21/15	2	4,4' -DDD		ug/Kg	U	2.3	2.3
15 B6 3-5	BK26739	SW8081	11/21/15	2	4,4' -DDE		ug/Kg	U	2.3	2.3
15 B6 3-5	BK26739	SW8081	11/21/15	2	Endrin aldehyde		ug/Kg	U	7.6	7.6
15 B6 3-5	BK26739	SW8081	11/21/15	2	Heptachlor		ug/Kg	U	7.6	7.6
15 B6 3-5	BK26739	SW8081	11/21/15	2	Toxaphene		ug/Kg	U	150	150
15 B6 3-5	BK26739	SW8081	11/21/15	2	Endosulfan I		ug/Kg	U	7.6	7.6
15 B6 3-5	BK26739	SW8082	11/21/15	2	PCB-1016		ug/Kg	U	38	38
15 B6 3-5	BK26739	SW8082	11/21/15	2	PCB-1260		ug/Kg	U	38	38
15 B6 3-5	BK26739	SW8082	11/21/15	2	PCB-1254		ug/Kg	U	38	38
15 B6 3-5	BK26739	SW8082	11/21/15	2	PCB-1268		ug/Kg	U	38	38
15 B6 3-5	BK26739	SW8082	11/21/15	2	PCB-1221		ug/Kg	U	38	38
15 B6 3-5	BK26739	SW8082	11/21/15	2	PCB-1232		ug/Kg	U	38	38
15 B6 3-5	BK26739	SW8082	11/21/15	2	PCB-1248		ug/Kg	U	38	38
15 B6 3-5	BK26739	SW8082	11/21/15	2	PCB-1262		ug/Kg	U	38	38
15 B6 3-5	BK26739	SW8082	11/21/15	2	PCB-1242		ug/Kg	U	38	38
15 B6 3-5	BK26739	SW8260	11/22/15	1	Ethylbenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Styrene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	n-Propylbenzene		ug/Kg	U	0.95	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	n-Butylbenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	4-Chlorotoluene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,2-Dibromoethane		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Acrolein		ug/Kg	U	2.6	21
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,2-Dichloroethane		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Acrylonitrile		ug/Kg	U	0.53	21
15 B6 3-5	BK26739	SW8260	11/22/15	1	4-Methyl-2-pentanone		ug/Kg	U	5.3	26
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Bromobenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Toluene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Chlorobenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.6	11
15 B6 3-5	BK26739	SW8260	11/22/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.6	11
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.1	5.3



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,4-dioxane		ug/Kg	U	42	100
15 B6 3-5	BK26739	SW8260	11/22/15	1	Dibromochloromethane		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Tetrachloroethene		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	sec-Butylbenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,3-Dichloropropane		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.1	11
15 B6 3-5	BK26739	SW8260	11/22/15	1	m&p-Xylene		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	2-Isopropyltoluene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Carbon tetrachloride		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,1-Dichloropropene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	2-Hexanone		ug/Kg	U	5.3	26
15 B6 3-5	BK26739	SW8260	11/22/15	1	2,2-Dichloropropane		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.1	21
15 B6 3-5	BK26739	SW8260	11/22/15	1	Acetone	22	ug/Kg	J	5.3	50
15 B6 3-5	BK26739	SW8260	11/22/15	1	Chloroform		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Benzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Bromomethane		ug/Kg	U	2.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Chloromethane		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Dibromomethane		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Bromochloromethane		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Chloroethane		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Vinyl chloride		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Methylene chloride		ug/Kg	U	5.3	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Carbon Disulfide		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Bromoform		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Bromodichloromethane		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,1-Dichloroethane		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,1-Dichloroethene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Tert-butyl alcohol		ug/Kg	U	21	110
15 B6 3-5	BK26739	SW8260	11/22/15	1	Trichlorofluoromethane		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Dichlorodifluoromethane		ug/Kg	UJ	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,2-Dichloropropane		ug/Kg	U	1.1	5.3



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B6 3-5	BK26739	SW8260	11/22/15	1	Methyl Ethyl Ketone		ug/Kg	U	5.3	32
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Trichloroethene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Hexachlorobutadiene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Naphthalene		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	o-Xylene		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	2-Chlorotoluene		ug/Kg	U	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	1.1	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	tert-Butylbenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	Isopropylbenzene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8260	11/22/15	1	p-Isopropyltoluene		ug/Kg	U	0.53	5.3
15 B6 3-5	BK26739	SW8270	11/21/15	1	4-Nitroaniline		ug/Kg	U	130	760
15 B6 3-5	BK26739	SW8270	11/21/15	1	4-Nitrophenol		ug/Kg	U	170	380
15 B6 3-5	BK26739	SW8270	11/21/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	2,4-Dimethylphenol		ug/Kg	U	94	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	4-Chloroaniline		ug/Kg	U	180	300
15 B6 3-5	BK26739	SW8270	11/21/15	1	Phenol		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Pyridine		ug/Kg	UJ	93	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Di-n-octylphthalate		ug/Kg	U	98	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Hexachlorobenzene		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Anthracene		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	2,4-Dichlorophenol		ug/Kg	U	130	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	2,4-Dinitrotoluene		ug/Kg	U	150	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	1,2-Diphenylhydrazine		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Pyrene		ug/Kg	U	130	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Dimethylphthalate		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Dibenzofuran		ug/Kg	U	110	270



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B6 3-5	BK26739	SW8270	11/21/15	1	Benzo(ghi)perylene		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Fluoranthene		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Acenaphthylene		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Chrysene		ug/Kg	U	130	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Benzo(a)pyrene		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	2,4-Dinitrophenol		ug/Kg	R	270	760
15 B6 3-5	BK26739	SW8270	11/21/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	410	1900
15 B6 3-5	BK26739	SW8270	11/21/15	1	Dibenz(a,h)anthracene		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Benz(a)anthracene		ug/Kg	U	130	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	4-Chloro-3-methylphenol		ug/Kg	U	130	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	2,6-Dinitrotoluene		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Aniline		ug/Kg	U	300	300
15 B6 3-5	BK26739	SW8270	11/21/15	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Benzoic acid		ug/Kg	R	760	1900
15 B6 3-5	BK26739	SW8270	11/21/15	1	Hexachloroethane		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Hexachlorocyclopentadiene		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Isophorone		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Pentachloronitrobenzene		ug/Kg	U	140	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Acenaphthene		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Diethyl phthalate		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Di-n-butylphthalate		ug/Kg	U	100	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Phenanthrene		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Benzyl butyl phthalate		ug/Kg	U	98	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Fluorene		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Carbazole		ug/Kg	U	290	1900
15 B6 3-5	BK26739	SW8270	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	140	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Pentachlorophenol		ug/Kg	U	140	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	2,4,6-Trichlorophenol		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	2-Nitroaniline		ug/Kg	U	380	760



**2401 3RD AVENUE
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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
15 B6 3-5	BK26739	SW8270	11/21/15	1	2-Nitrophenol		ug/Kg	U	240	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Naphthalene		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	2-Methylnaphthalene		ug/Kg	UJ	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	2-Chloronaphthalene		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	760
15 B6 3-5	BK26739	SW8270	11/21/15	1	Benzidine		ug/Kg	UJ	220	760
15 B6 3-5	BK26739	SW8270	11/21/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	2-Chlorophenol		ug/Kg	U	110	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Acetophenone		ug/Kg	U	120	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	Nitrobenzene		ug/Kg	U	130	270
15 B6 3-5	BK26739	SW8270	11/21/15	1	3-Nitroaniline		ug/Kg	U	760	760
15 B6 3-5	BK26739	SW8270	11/21/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
15 B6 3-5	BK26739	SW9012	11/23/15	1	Total Cyanide (SW9010C Distill.)	0.667	mg/Kg		0.29	0.57
15 B6 10-12	BK26740	E160.3	11/21/15	1	SOLIDS, PERCENT	62	%			
15 B6 10-12	BK26740	SW6010	11/23/15	10	Aluminum	15500	mg/Kg		10	51
15 B6 10-12	BK26740	SW6010	11/23/15	10	Iron	31100	mg/Kg		51	51
15 B6 10-12	BK26740	SW6010	11/23/15	10	Manganese	459	mg/Kg		5.1	5.1
15 B6 10-12	BK26740	SW6010	11/24/15	1	Lead	11.7	mg/Kg		0.51	1.0
15 B6 10-12	BK26740	SW6010	11/24/15	1	Magnesium	7430	mg/Kg		5.1	5.1
15 B6 10-12	BK26740	SW6010	11/24/15	1	Nickel	25.5	mg/Kg		0.51	0.51
15 B6 10-12	BK26740	SW6010	11/24/15	1	Potassium	4220	mg/Kg	J+	4.0	10
15 B6 10-12	BK26740	SW6010	11/24/15	1	Silver		mg/Kg	U	0.51	0.51
15 B6 10-12	BK26740	SW6010	11/24/15	1	Sodium	587	mg/Kg		4.4	10
15 B6 10-12	BK26740	SW6010	11/24/15	1	Thallium		mg/Kg	U	2.0	2.0
15 B6 10-12	BK26740	SW6010	11/24/15	1	Antimony		mg/Kg	U	2.6	2.6
15 B6 10-12	BK26740	SW6010	11/24/15	1	Arsenic	7.8	mg/Kg		1.0	1.0
15 B6 10-12	BK26740	SW6010	11/24/15	1	Barium	39.2	mg/Kg		0.51	1.0
15 B6 10-12	BK26740	SW6010	11/24/15	1	Beryllium	0.96	mg/Kg		0.20	0.41
15 B6 10-12	BK26740	SW6010	11/24/15	1	Cadmium	0.66	mg/Kg		0.20	0.51
15 B6 10-12	BK26740	SW6010	11/24/15	1	Chromium	32.8	mg/Kg		0.51	0.51
15 B6 10-12	BK26740	SW6010	11/24/15	1	Cobalt	12.4	mg/Kg		0.51	0.51
15 B6 10-12	BK26740	SW6010	11/24/15	1	Copper	17.1	mg/Kg		0.51	0.51
15 B6 10-12	BK26740	SW6010	11/24/15	1	Vanadium	44.6	mg/Kg		0.51	0.5
15 B6 10-12	BK26740	SW6010	11/24/15	1	Calcium	2070	mg/Kg		4.7	5.1



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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
15 B6 10-12	BK26740	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.7	2.0
15 B6 10-12	BK26740	SW6010	11/24/15	1	Zinc	67.6	mg/Kg		0.51	1.0
15 B6 10-12	BK26740	SW7471	11/23/15	1	Mercury		mg/Kg	U	0.03	0.04
15 B6 10-12	BK26740	SW8081	11/21/15	2	Heptachlor epoxide		ug/Kg	U	11	11
15 B6 10-12	BK26740	SW8081	11/21/15	2	Endosulfan sulfate		ug/Kg	U	11	11
15 B6 10-12	BK26740	SW8081	11/21/15	2	Aldrin		ug/Kg	U	2.6	2.6
15 B6 10-12	BK26740	SW8081	11/21/15	2	a-BHC		ug/Kg	U	11	11
15 B6 10-12	BK26740	SW8081	11/21/15	2	b-BHC		ug/Kg	U	11	11
15 B6 10-12	BK26740	SW8081	11/21/15	2	d-BHC		ug/Kg	U	11	11
15 B6 10-12	BK26740	SW8081	11/21/15	2	Endosulfan II		ug/Kg	U	11	11
15 B6 10-12	BK26740	SW8081	11/21/15	2	4,4' -DDT		ug/Kg	U	3.2	3.2
15 B6 10-12	BK26740	SW8081	11/21/15	2	a-Chlordane		ug/Kg	U	5.3	5.3
15 B6 10-12	BK26740	SW8081	11/21/15	2	g-Chlordane		ug/Kg	U	5.3	5.3
15 B6 10-12	BK26740	SW8081	11/21/15	2	Endrin ketone		ug/Kg	U	11	11
15 B6 10-12	BK26740	SW8081	11/21/15	2	Chlordane		ug/Kg	U	53	53
15 B6 10-12	BK26740	SW8081	11/21/15	2	g-BHC		ug/Kg	U	2.1	2.1
15 B6 10-12	BK26740	SW8081	11/21/15	2	Dieldrin		ug/Kg	U	2.6	2.6
15 B6 10-12	BK26740	SW8081	11/21/15	2	Endrin		ug/Kg	U	11	11
15 B6 10-12	BK26740	SW8081	11/21/15	2	Methoxychlor		ug/Kg	U	53	53
15 B6 10-12	BK26740	SW8081	11/21/15	2	4,4' -DDD		ug/Kg	U	3.2	3.2
15 B6 10-12	BK26740	SW8081	11/21/15	2	4,4' -DDE		ug/Kg	U	3.2	3.2
15 B6 10-12	BK26740	SW8081	11/21/15	2	Endrin aldehyde		ug/Kg	U	11	11
15 B6 10-12	BK26740	SW8081	11/21/15	2	Heptachlor		ug/Kg	U	11	11
15 B6 10-12	BK26740	SW8081	11/21/15	2	Toxaphene		ug/Kg	U	210	210
15 B6 10-12	BK26740	SW8081	11/21/15	2	Endosulfan I		ug/Kg	U	11	11
15 B6 10-12	BK26740	SW8082	11/21/15	2	PCB-1016		ug/Kg	U	53	53
15 B6 10-12	BK26740	SW8082	11/21/15	2	PCB-1260		ug/Kg	U	53	53
15 B6 10-12	BK26740	SW8082	11/21/15	2	PCB-1254		ug/Kg	U	53	53
15 B6 10-12	BK26740	SW8082	11/21/15	2	PCB-1268		ug/Kg	U	53	53
15 B6 10-12	BK26740	SW8082	11/21/15	2	PCB-1221		ug/Kg	U	53	53
15 B6 10-12	BK26740	SW8082	11/21/15	2	PCB-1232		ug/Kg	U	53	53
15 B6 10-12	BK26740	SW8082	11/21/15	2	PCB-1248		ug/Kg	U	53	53
15 B6 10-12	BK26740	SW8082	11/21/15	2	PCB-1262		ug/Kg	U	53	53
15 B6 10-12	BK26740	SW8082	11/21/15	2	PCB-1242		ug/Kg	U	53	53
15 B6 10-12	BK26740	SW8260	11/21/15	1	Acetone	39	ug/Kg	J	8.9	50
15 B6 10-12	BK26740	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.89	8.9



**2401 3RD AVENUE
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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
15 B6 10-12	BK26740	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	1.6	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Acrolein		ug/Kg	U	4.4	35
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.89	35
15 B6 10-12	BK26740	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	8.9	44
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	4.4	18
15 B6 10-12	BK26740	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	4.4	18
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	71	100
15 B6 10-12	BK26740	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.8	18
15 B6 10-12	BK26740	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	8.9	44
15 B6 10-12	BK26740	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.8	35
15 B6 10-12	BK26740	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Benzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.89	8.9



**2401 3RD AVENUE
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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
15 B6 10-12	BK26740	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	3.5	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	8.9	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Carbon Disulfide	8.3	ug/Kg	J	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Bromoform		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	35	180
15 B6 10-12	BK26740	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	8.9	53
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.8	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.89	8.9
15 B6 10-12	BK26740	SW8270	11/21/15	1	4-Nitroaniline		ug/Kg	U	180	1100
15 B6 10-12	BK26740	SW8270	11/21/15	1	4-Nitrophenol		ug/Kg	U	240	530
15 B6 10-12	BK26740	SW8270	11/21/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	160	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	2,4-Dimethylphenol		ug/Kg	U	130	370



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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
15 B6 10-12	BK26740	SW8270	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	160	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	4-Chloroaniline		ug/Kg	U	250	420
15 B6 10-12	BK26740	SW8270	11/21/15	1	Phenol		ug/Kg	U	170	330
15 B6 10-12	BK26740	SW8270	11/21/15	1	Pyridine		ug/Kg	UJ	130	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	140	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Di-n-octylphthalate		ug/Kg	U	140	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Hexachlorobenzene		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Anthracene		ug/Kg	U	170	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	160	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	2,4-Dichlorophenol		ug/Kg	U	190	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	2,4-Dinitrotoluene		ug/Kg	U	210	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	1,2-Diphenylhydrazine		ug/Kg	U	170	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Pyrene		ug/Kg	U	180	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Dimethylphthalate		ug/Kg	U	160	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Dibenzofuran		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Benzo(ghi)perylene		ug/Kg	U	170	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	180	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Benzo(b)fluoranthene		ug/Kg	U	180	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Fluoranthene		ug/Kg	U	170	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Benzo(k)fluoranthene		ug/Kg	U	180	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Acenaphthylene		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Chrysene		ug/Kg	U	180	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Benzo(a)pyrene		ug/Kg	U	170	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	2,4-Dinitrophenol		ug/Kg	R	370	1100
15 B6 10-12	BK26740	SW8270	11/21/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	570	2600
15 B6 10-12	BK26740	SW8270	11/21/15	1	Dibenz(a,h)anthracene		ug/Kg	U	170	330
15 B6 10-12	BK26740	SW8270	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	160	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Benz(a)anthracene		ug/Kg	U	180	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	4-Chloro-3-methylphenol		ug/Kg	U	190	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	2,6-Dinitrotoluene		ug/Kg	U	170	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	170	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Aniline		ug/Kg	U	420	420
15 B6 10-12	BK26740	SW8270	11/21/15	1	N-Nitrosodimethylamine		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Benzoic acid		ug/Kg	R	1100	2600



**2401 3RD AVENUE
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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
15 B6 10-12	BK26740	SW8270	11/21/15	1	Hexachloroethane		ug/Kg	U	160	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	180	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Hexachlorocyclopentadiene		ug/Kg	U	160	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Isophorone		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Pentachloronitrobenzene		ug/Kg	U	200	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Acenaphthene		ug/Kg	U	160	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Diethyl phthalate		ug/Kg	U	170	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Di-n-butylphthalate		ug/Kg	U	140	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Phenanthrene		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Benzyl butyl phthalate		ug/Kg	U	140	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	N-Nitrosodiphenylamine		ug/Kg	U	200	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Fluorene		ug/Kg	U	170	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Carbazole		ug/Kg	U	400	2600
15 B6 10-12	BK26740	SW8270	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	190	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Pentachlorophenol		ug/Kg	U	200	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	2,4,6-Trichlorophenol		ug/Kg	U	170	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	2-Nitroaniline		ug/Kg	U	530	1100
15 B6 10-12	BK26740	SW8270	11/21/15	1	2-Nitrophenol		ug/Kg	U	340	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Naphthalene		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	2-Methylnaphthalene		ug/Kg	UJ	160	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	2-Chloronaphthalene		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	250	1100
15 B6 10-12	BK26740	SW8270	11/21/15	1	Benzidine		ug/Kg	UJ	310	1100
15 B6 10-12	BK26740	SW8270	11/21/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	250	330
15 B6 10-12	BK26740	SW8270	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	2-Chlorophenol		ug/Kg	U	150	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	190	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	2,4,5-Trichlorophenol		ug/Kg	U	290	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Acetophenone		ug/Kg	U	170	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	Nitrobenzene		ug/Kg	U	190	370
15 B6 10-12	BK26740	SW8270	11/21/15	1	3-Nitroaniline		ug/Kg	U	1100	1100
15 B6 10-12	BK26740	SW8270	11/21/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	210	370
15 B6 10-12	BK26740	SW9012	11/23/15	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.37	0.73
15 B7 6-8	BK26741	E160.3	11/21/15	1	SOLIDS, PERCENT	80	%			
15 B7 6-8	BK26741	SW8260	11/21/15	1	Acetone	11	ug/Kg	J	4.7	47
15 B7 6-8	BK26741	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.47	4.7



**2401 3RD AVENUE
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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
15 B7 6-8	BK26741	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	0.84	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Acrolein		ug/Kg	U	2.3	19
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.47	19
15 B7 6-8	BK26741	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	4.7	23
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.3	9.4
15 B7 6-8	BK26741	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.3	9.4
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	38	94
15 B7 6-8	BK26741	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.94	9.4
15 B7 6-8	BK26741	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	4.7	23
15 B7 6-8	BK26741	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.94	19
15 B7 6-8	BK26741	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Benzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.47	4.7



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B7 6-8	BK26741	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	1.9	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	4.7	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Carbon Disulfide		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Bromoform		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	19	94
15 B7 6-8	BK26741	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	4.7	28
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.94	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.47	4.7
15 B7 6-8	BK26741	SW8270	11/21/15	1	4-Nitroaniline		ug/Kg	U	140	810
15 B7 6-8	BK26741	SW8270	11/21/15	1	4-Nitrophenol		ug/Kg	U	180	410
15 B7 6-8	BK26741	SW8270	11/21/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	2,4-Dimethylphenol		ug/Kg	U	100	290



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B7 6-8	BK26741	SW8270	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	4-Chloroaniline		ug/Kg	U	190	330
15 B7 6-8	BK26741	SW8270	11/21/15	1	Phenol		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Pyridine		ug/Kg	UJ	100	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Di-n-octylphthalate		ug/Kg	U	110	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Hexachlorobenzene		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Anthracene		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	2,4-Dichlorophenol		ug/Kg	U	140	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	2,4-Dinitrotoluene		ug/Kg	U	160	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	1,2-Diphenylhydrazine		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Pyrene		ug/Kg	U	140	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Dimethylphthalate		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Dibenzofuran		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Benzo(ghi)perylene		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	140	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Benzo(b)fluoranthene		ug/Kg	U	140	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Fluoranthene		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Benzo(k)fluoranthene		ug/Kg	U	140	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Acenaphthylene		ug/Kg	U	110	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Chrysene		ug/Kg	U	140	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Benzo(a)pyrene		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	2,4-Dinitrophenol		ug/Kg	R	290	810
15 B7 6-8	BK26741	SW8270	11/21/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	440	2000
15 B7 6-8	BK26741	SW8270	11/21/15	1	Dibenz(a,h)anthracene		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Benz(a)anthracene		ug/Kg	U	140	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	4-Chloro-3-methylphenol		ug/Kg	U	140	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	2,6-Dinitrotoluene		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Aniline		ug/Kg	U	330	330
15 B7 6-8	BK26741	SW8270	11/21/15	1	N-Nitrosodimethylamine		ug/Kg	U	110	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Benzoic acid		ug/Kg	R	810	2000



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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
15 B7 6-8	BK26741	SW8270	11/21/15	1	Hexachloroethane		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Hexachlorocyclopentadiene		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Isophorone		ug/Kg	U	110	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Pentachloronitrobenzene		ug/Kg	U	150	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Acenaphthene		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Diethyl phthalate		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Di-n-butylphthalate		ug/Kg	U	110	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Phenanthrene		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Benzyl butyl phthalate		ug/Kg	U	110	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	N-Nitrosodiphenylamine		ug/Kg	U	160	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Fluorene		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Carbazole		ug/Kg	U	310	2000
15 B7 6-8	BK26741	SW8270	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	150	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Pentachlorophenol		ug/Kg	U	150	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	2,4,6-Trichlorophenol		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	2-Nitroaniline		ug/Kg	U	410	810
15 B7 6-8	BK26741	SW8270	11/21/15	1	2-Nitrophenol		ug/Kg	U	260	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Naphthalene		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	2-Methylnaphthalene		ug/Kg	UJ	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	2-Chloronaphthalene		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	810
15 B7 6-8	BK26741	SW8270	11/21/15	1	Benzidine		ug/Kg	UJ	240	810
15 B7 6-8	BK26741	SW8270	11/21/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	110	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	2-Chlorophenol		ug/Kg	U	120	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	2,4,5-Trichlorophenol		ug/Kg	U	220	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Acetophenone		ug/Kg	U	130	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	Nitrobenzene		ug/Kg	U	140	290
15 B7 6-8	BK26741	SW8270	11/21/15	1	3-Nitroaniline		ug/Kg	U	810	810
15 B7 6-8	BK26741	SW8270	11/21/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	290
15 B9 0-2	BK26742	E160.3	11/21/15	1	SOLIDS, PERCENT	93	%			
15 B9 0-2	BK26742	SW6010	11/23/15	10	Aluminum	5910	mg/Kg		7.0	35
15 B9 0-2	BK26742	SW6010	11/23/15	10	Manganese	1150	mg/Kg		3.5	3.5
15 B9 0-2	BK26742	SW6010	11/23/15	100	Iron	148000	mg/Kg		350	350
15 B9 0-2	BK26742	SW6010	11/24/15	1	Lead	24.5	mg/Kg		0.35	0.7



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B9 0-2	BK26742	SW6010	11/24/15	1	Magnesium	2150	mg/Kg		3.5	3.5
15 B9 0-2	BK26742	SW6010	11/24/15	1	Nickel	45.9	mg/Kg		0.35	0.35
15 B9 0-2	BK26742	SW6010	11/24/15	1	Potassium	613	mg/Kg	J+	2.7	7
15 B9 0-2	BK26742	SW6010	11/24/15	1	Silver		mg/Kg	U	0.35	0.35
15 B9 0-2	BK26742	SW6010	11/24/15	1	Sodium	214	mg/Kg		3.0	7
15 B9 0-2	BK26742	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.4	1.4
15 B9 0-2	BK26742	SW6010	11/24/15	1	Antimony		mg/Kg	U	1.7	1.7
15 B9 0-2	BK26742	SW6010	11/24/15	1	Arsenic	9.8	mg/Kg		0.70	0.7
15 B9 0-2	BK26742	SW6010	11/24/15	1	Barium	44.7	mg/Kg		0.35	0.7
15 B9 0-2	BK26742	SW6010	11/24/15	1	Beryllium	0.25	mg/Kg	J	0.14	0.28
15 B9 0-2	BK26742	SW6010	11/24/15	1	Cadmium	2.98	mg/Kg		0.14	0.35
15 B9 0-2	BK26742	SW6010	11/24/15	1	Chromium	25.7	mg/Kg		0.35	0.35
15 B9 0-2	BK26742	SW6010	11/24/15	1	Cobalt	47.7	mg/Kg		0.35	0.35
15 B9 0-2	BK26742	SW6010	11/24/15	1	Copper	28.0	mg/Kg		0.35	0.35
15 B9 0-2	BK26742	SW6010	11/24/15	1	Vanadium	80.8	mg/Kg		0.35	0.3
15 B9 0-2	BK26742	SW6010	11/24/15	1	Calcium	4510	mg/Kg		3.2	3.5
15 B9 0-2	BK26742	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.2	1.4
15 B9 0-2	BK26742	SW6010	11/24/15	1	Zinc	4.6	mg/Kg		0.35	0.7
15 B9 0-2	BK26742	SW7471	11/23/15	1	Mercury	0.14	mg/Kg		0.02	0.03
15 B9 0-2	BK26742	SW8081	11/23/15	2	Heptachlor epoxide		ug/Kg	U	7.0	7.0
15 B9 0-2	BK26742	SW8081	11/23/15	2	Endosulfan sulfate		ug/Kg	U	7.0	7.0
15 B9 0-2	BK26742	SW8081	11/23/15	2	Aldrin		ug/Kg	U	3.5	3.5
15 B9 0-2	BK26742	SW8081	11/23/15	2	a-BHC		ug/Kg	U	7.0	7.0
15 B9 0-2	BK26742	SW8081	11/23/15	2	b-BHC		ug/Kg	U	7.0	7.0
15 B9 0-2	BK26742	SW8081	11/23/15	2	d-BHC		ug/Kg	U	7.0	7.0
15 B9 0-2	BK26742	SW8081	11/23/15	2	Endosulfan II		ug/Kg	U	7.0	7.0
15 B9 0-2	BK26742	SW8081	11/23/15	2	4,4' -DDT		ug/Kg	U	2.1	2.1
15 B9 0-2	BK26742	SW8081	11/23/15	2	a-Chlordane		ug/Kg	U	3.5	3.5
15 B9 0-2	BK26742	SW8081	11/23/15	2	g-Chlordane		ug/Kg	U	3.5	3.5
15 B9 0-2	BK26742	SW8081	11/23/15	2	Endrin ketone		ug/Kg	U	7.0	7.0
15 B9 0-2	BK26742	SW8081	11/23/15	2	Chlordane		ug/Kg	U	35	35
15 B9 0-2	BK26742	SW8081	11/23/15	2	g-BHC		ug/Kg	U	1.4	1.4
15 B9 0-2	BK26742	SW8081	11/23/15	2	Dieldrin		ug/Kg	U	3.5	3.5
15 B9 0-2	BK26742	SW8081	11/23/15	2	Endrin		ug/Kg	U	7.0	7.0
15 B9 0-2	BK26742	SW8081	11/23/15	2	Methoxychlor		ug/Kg	U	35	35
15 B9 0-2	BK26742	SW8081	11/23/15	2	4,4' -DDD		ug/Kg	U	2.1	2.1
15 B9 0-2	BK26742	SW8081	11/23/15	2	4,4' -DDE		ug/Kg	U	2.1	2.1



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B9 0-2	BK26742	SW8081	11/23/15	2	Endrin aldehyde		ug/Kg	U	7.0	7.0
15 B9 0-2	BK26742	SW8081	11/23/15	2	Heptachlor		ug/Kg	U	7.0	7.0
15 B9 0-2	BK26742	SW8081	11/23/15	2	Toxaphene		ug/Kg	U	140	140
15 B9 0-2	BK26742	SW8081	11/23/15	2	Endosulfan I		ug/Kg	U	7.0	7.0
15 B9 0-2	BK26742	SW8082	11/24/15	2	PCB-1016		ug/Kg	U	35	35
15 B9 0-2	BK26742	SW8082	11/24/15	2	PCB-1260		ug/Kg	U	35	35
15 B9 0-2	BK26742	SW8082	11/24/15	2	PCB-1254		ug/Kg	U	35	35
15 B9 0-2	BK26742	SW8082	11/24/15	2	PCB-1268		ug/Kg	U	35	35
15 B9 0-2	BK26742	SW8082	11/24/15	2	PCB-1221		ug/Kg	U	35	35
15 B9 0-2	BK26742	SW8082	11/24/15	2	PCB-1232		ug/Kg	U	35	35
15 B9 0-2	BK26742	SW8082	11/24/15	2	PCB-1248		ug/Kg	U	35	35
15 B9 0-2	BK26742	SW8082	11/24/15	2	PCB-1262		ug/Kg	U	35	35
15 B9 0-2	BK26742	SW8082	11/24/15	2	PCB-1242		ug/Kg	U	35	35
15 B9 0-2	BK26742	SW8260	11/21/15	1	Acetone	5.0	ug/Kg	J	4.2	42
15 B9 0-2	BK26742	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	0.76	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Acrolein		ug/Kg	U	2.1	17
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.42	17
15 B9 0-2	BK26742	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	4.2	21
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.1	8.5
15 B9 0-2	BK26742	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.1	8.5
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	34	85
15 B9 0-2	BK26742	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	0.85	4.2



**2401 3RD AVENUE
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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
15 B9 0-2	BK26742	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.85	8.5
15 B9 0-2	BK26742	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	4.2	21
15 B9 0-2	BK26742	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.85	17
15 B9 0-2	BK26742	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Benzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	1.7	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	4.2	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Carbon Disulfide		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Bromoform		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	17	85
15 B9 0-2	BK26742	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	4.2	25
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.85	4.2



**2401 3RD AVENUE
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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
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.85	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.42	4.2
15 B9 0-2	BK26742	SW8270	11/21/15	1	4-Nitroaniline		ug/Kg	U	120	710
15 B9 0-2	BK26742	SW8270	11/21/15	1	4-Nitrophenol		ug/Kg	U	160	360
15 B9 0-2	BK26742	SW8270	11/21/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	2,4-Dimethylphenol		ug/Kg	U	89	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	4-Chloroaniline		ug/Kg	U	170	290
15 B9 0-2	BK26742	SW8270	11/21/15	1	Phenol		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Pyridine		ug/Kg	UJ	88	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	96	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	99	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Di-n-octylphthalate		ug/Kg	U	92	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Hexachlorobenzene		ug/Kg	U	100	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Anthracene		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	2,4-Dichlorophenol		ug/Kg	U	130	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	2,4-Dinitrotoluene		ug/Kg	U	140	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Pyrene		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Dimethylphthalate		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Dibenzofuran		ug/Kg	U	100	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Benzo(ghi)perylene		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Fluoranthene	130	ug/Kg	J	120	250



**2401 3RD AVENUE
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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
15 B9 0-2	BK26742	SW8270	11/21/15	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Acenaphthylene		ug/Kg	U	100	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Chrysene		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	99	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Benzo(a)pyrene		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	2,4-Dinitrophenol		ug/Kg	R	250	710
15 B9 0-2	BK26742	SW8270	11/21/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	380	1800
15 B9 0-2	BK26742	SW8270	11/21/15	1	Dibenz(a,h)anthracene		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Benz(a)anthracene		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	2,6-Dinitrotoluene		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Aniline		ug/Kg	U	290	290
15 B9 0-2	BK26742	SW8270	11/21/15	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Benzoic acid		ug/Kg	R	710	1800
15 B9 0-2	BK26742	SW8270	11/21/15	1	Hexachloroethane		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Isophorone		ug/Kg	U	100	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Pentachloronitrobenzene		ug/Kg	U	130	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Acenaphthene		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Diethyl phthalate		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Di-n-butylphthalate		ug/Kg	U	95	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Phenanthrene		ug/Kg	U	100	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Benzyl butyl phthalate		ug/Kg	U	92	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Fluorene		ug/Kg	U	120	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Carbazole		ug/Kg	U	270	1800
15 B9 0-2	BK26742	SW8270	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	130	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Pentachlorophenol		ug/Kg	U	140	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	2,4,6-Trichlorophenol		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	2-Nitroaniline		ug/Kg	U	360	710
15 B9 0-2	BK26742	SW8270	11/21/15	1	2-Nitrophenol		ug/Kg	U	230	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Naphthalene		ug/Kg	U	100	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	2-Methylnaphthalene		ug/Kg	UJ	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	2-Chloronaphthalene		ug/Kg	U	100	250



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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
15 B9 0-2	BK26742	SW8270	11/21/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	710
15 B9 0-2	BK26742	SW8270	11/21/15	1	Benzidine		ug/Kg	UJ	210	710
15 B9 0-2	BK26742	SW8270	11/21/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	2-Chlorophenol		ug/Kg	U	100	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Acetophenone		ug/Kg	U	110	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	Nitrobenzene		ug/Kg	U	130	250
15 B9 0-2	BK26742	SW8270	11/21/15	1	3-Nitroaniline		ug/Kg	U	710	710
15 B9 0-2	BK26742	SW8270	11/21/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15 B9 0-2	BK26742	SW9012	11/23/15	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.27	0.54
15 B9 6-8	BK26743	E160.3	11/21/15	1	SOLIDS, PERCENT	79	%			
15 B9 6-8	BK26743	SW6010	11/23/15	10	Aluminum	9780	mg/Kg		8.3	42
15 B9 6-8	BK26743	SW6010	11/23/15	10	Iron	20700	mg/Kg		42	42
15 B9 6-8	BK26743	SW6010	11/23/15	10	Magnesium	11400	mg/Kg		42	42
15 B9 6-8	BK26743	SW6010	11/23/15	10	Manganese	357	mg/Kg		4.2	4.2
15 B9 6-8	BK26743	SW6010	11/23/15	10	Calcium	15800	mg/Kg	J-	38	42
15 B9 6-8	BK26743	SW6010	11/24/15	1	Lead	32.7	mg/Kg		0.42	0.8
15 B9 6-8	BK26743	SW6010	11/24/15	1	Nickel	19.7	mg/Kg		0.42	0.42
15 B9 6-8	BK26743	SW6010	11/24/15	1	Potassium	3170	mg/Kg	J+	3.2	8
15 B9 6-8	BK26743	SW6010	11/24/15	1	Silver		mg/Kg	U	0.42	0.42
15 B9 6-8	BK26743	SW6010	11/24/15	1	Sodium	2730	mg/Kg		3.6	8
15 B9 6-8	BK26743	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.7	1.7
15 B9 6-8	BK26743	SW6010	11/24/15	1	Antimony		mg/Kg	U	2.1	2.1
15 B9 6-8	BK26743	SW6010	11/24/15	1	Arsenic	4.4	mg/Kg		0.83	0.8
15 B9 6-8	BK26743	SW6010	11/24/15	1	Barium	38.1	mg/Kg		0.42	0.8
15 B9 6-8	BK26743	SW6010	11/24/15	1	Beryllium	0.57	mg/Kg		0.17	0.33
15 B9 6-8	BK26743	SW6010	11/24/15	1	Cadmium	0.36	mg/Kg	J	0.17	0.42
15 B9 6-8	BK26743	SW6010	11/24/15	1	Chromium	24.8	mg/Kg		0.42	0.42
15 B9 6-8	BK26743	SW6010	11/24/15	1	Cobalt	9.98	mg/Kg		0.42	0.42
15 B9 6-8	BK26743	SW6010	11/24/15	1	Copper	19.8	mg/Kg		0.42	0.42
15 B9 6-8	BK26743	SW6010	11/24/15	1	Vanadium	29.9	mg/Kg		0.42	0.4
15 B9 6-8	BK26743	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.4	1.7
15 B9 6-8	BK26743	SW6010	11/24/15	1	Zinc	45.7	mg/Kg		0.42	0.8
15 B9 6-8	BK26743	SW7471	11/23/15	1	Mercury		mg/Kg	U	0.02	0.03
15 B9 6-8	BK26743	SW8081	11/21/15	2	Heptachlor epoxide		ug/Kg	U	8.4	8.4



**2401 3RD AVENUE
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DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B9 6-8	BK26743	SW8081	11/21/15	2	Endosulfan sulfate		ug/Kg	U	8.4	8.4
15 B9 6-8	BK26743	SW8081	11/21/15	2	Aldrin		ug/Kg	U	4.2	4.2
15 B9 6-8	BK26743	SW8081	11/21/15	2	a-BHC		ug/Kg	U	8.4	8.4
15 B9 6-8	BK26743	SW8081	11/21/15	2	b-BHC		ug/Kg	U	8.4	8.4
15 B9 6-8	BK26743	SW8081	11/21/15	2	d-BHC		ug/Kg	U	8.4	8.4
15 B9 6-8	BK26743	SW8081	11/21/15	2	Endosulfan II		ug/Kg	U	8.4	8.4
15 B9 6-8	BK26743	SW8081	11/21/15	2	4,4' -DDT		ug/Kg	U	2.5	2.5
15 B9 6-8	BK26743	SW8081	11/21/15	2	a-Chlordane		ug/Kg	U	4.2	4.2
15 B9 6-8	BK26743	SW8081	11/21/15	2	g-Chlordane		ug/Kg	U	4.2	4.2
15 B9 6-8	BK26743	SW8081	11/21/15	2	Endrin ketone		ug/Kg	U	8.4	8.4
15 B9 6-8	BK26743	SW8081	11/21/15	2	Chlordane		ug/Kg	U	42	42
15 B9 6-8	BK26743	SW8081	11/21/15	2	g-BHC		ug/Kg	U	1.7	1.7
15 B9 6-8	BK26743	SW8081	11/21/15	2	Dieldrin		ug/Kg	U	4.2	4.2
15 B9 6-8	BK26743	SW8081	11/21/15	2	Endrin		ug/Kg	U	8.4	8.4
15 B9 6-8	BK26743	SW8081	11/21/15	2	Methoxychlor		ug/Kg	U	42	42
15 B9 6-8	BK26743	SW8081	11/21/15	2	4,4' -DDD		ug/Kg	U	2.5	2.5
15 B9 6-8	BK26743	SW8081	11/21/15	2	4,4' -DDE		ug/Kg	U	2.5	2.5
15 B9 6-8	BK26743	SW8081	11/21/15	2	Endrin aldehyde		ug/Kg	U	8.4	8.4
15 B9 6-8	BK26743	SW8081	11/21/15	2	Heptachlor		ug/Kg	U	8.4	8.4
15 B9 6-8	BK26743	SW8081	11/21/15	2	Toxaphene		ug/Kg	U	170	170
15 B9 6-8	BK26743	SW8081	11/21/15	2	Endosulfan I		ug/Kg	U	8.4	8.4
15 B9 6-8	BK26743	SW8082	11/21/15	2	PCB-1016		ug/Kg	U	42	42
15 B9 6-8	BK26743	SW8082	11/21/15	2	PCB-1260		ug/Kg	U	42	42
15 B9 6-8	BK26743	SW8082	11/21/15	2	PCB-1254		ug/Kg	U	42	42
15 B9 6-8	BK26743	SW8082	11/21/15	2	PCB-1268		ug/Kg	U	42	42
15 B9 6-8	BK26743	SW8082	11/21/15	2	PCB-1221		ug/Kg	U	42	42
15 B9 6-8	BK26743	SW8082	11/21/15	2	PCB-1232		ug/Kg	U	42	42
15 B9 6-8	BK26743	SW8082	11/21/15	2	PCB-1248		ug/Kg	U	42	42
15 B9 6-8	BK26743	SW8082	11/21/15	2	PCB-1262		ug/Kg	U	42	42
15 B9 6-8	BK26743	SW8082	11/21/15	2	PCB-1242		ug/Kg	U	42	42
15 B9 6-8	BK26743	SW8260	11/21/15	1	Acetone	6.2	ug/Kg	J	4.4	44
15 B9 6-8	BK26743	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	0.80	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.44	4.4



**2401 3RD AVENUE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B9 6-8	BK26743	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Acrolein		ug/Kg	U	2.2	18
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.44	18
15 B9 6-8	BK26743	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	4.4	22
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.2	8.9
15 B9 6-8	BK26743	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.2	8.9
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	35	89
15 B9 6-8	BK26743	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.89	8.9
15 B9 6-8	BK26743	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	4.4	22
15 B9 6-8	BK26743	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.89	18
15 B9 6-8	BK26743	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Benzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	1.8	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.44	4.4



**2401 3RD AVENUE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B9 6-8	BK26743	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	4.4	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Carbon Disulfide		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Bromoform		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	18	89
15 B9 6-8	BK26743	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	4.4	27
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.89	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.44	4.4
15 B9 6-8	BK26743	SW8270	11/21/15	1	4-Nitroaniline		ug/Kg	U	140	830
15 B9 6-8	BK26743	SW8270	11/21/15	1	4-Nitrophenol		ug/Kg	U	190	420
15 B9 6-8	BK26743	SW8270	11/21/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	2,4-Dimethylphenol		ug/Kg	U	100	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	4-Chloroaniline		ug/Kg	U	190	330
15 B9 6-8	BK26743	SW8270	11/21/15	1	Phenol		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Pyridine		ug/Kg	UJ	100	290



**2401 3RD AVENUE
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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
15 B9 6-8	BK26743	SW8270	11/21/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Di-n-octylphthalate		ug/Kg	U	110	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Hexachlorobenzene		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Anthracene		ug/Kg	U	140	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	2,4-Dichlorophenol		ug/Kg	U	150	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	2,4-Dinitrotoluene		ug/Kg	U	160	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	1,2-Diphenylhydrazine		ug/Kg	U	140	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Pyrene		ug/Kg	U	140	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Dimethylphthalate		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Dibenzofuran		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Benzo(ghi)perylene		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	140	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Benzo(b)fluoranthene		ug/Kg	U	140	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Fluoranthene		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Benzo(k)fluoranthene		ug/Kg	U	140	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Acenaphthylene		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Chrysene		ug/Kg	U	140	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Benzo(a)pyrene		ug/Kg	U	140	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	2,4-Dinitrophenol		ug/Kg	R	290	830
15 B9 6-8	BK26743	SW8270	11/21/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	450	2100
15 B9 6-8	BK26743	SW8270	11/21/15	1	Dibenz(a,h)anthracene		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Benz(a)anthracene		ug/Kg	U	140	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	4-Chloro-3-methylphenol		ug/Kg	U	150	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	2,6-Dinitrotoluene		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Aniline		ug/Kg	U	330	330
15 B9 6-8	BK26743	SW8270	11/21/15	1	N-Nitrosodimethylamine		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Benzoic acid		ug/Kg	R	830	2100
15 B9 6-8	BK26743	SW8270	11/21/15	1	Hexachloroethane		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Hexachlorocyclopentadiene		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Isophorone		ug/Kg	U	120	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
15 B9 6-8	BK26743	SW8270	11/21/15	1	Pentachloronitrobenzene		ug/Kg	U	150	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Acenaphthene		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Diethyl phthalate		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Di-n-butylphthalate		ug/Kg	U	110	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Phenanthrene		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Benzyl butyl phthalate		ug/Kg	U	110	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	N-Nitrosodiphenylamine		ug/Kg	U	160	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Fluorene		ug/Kg	U	140	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Carbazole		ug/Kg	U	320	2100
15 B9 6-8	BK26743	SW8270	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	150	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Pentachlorophenol		ug/Kg	U	160	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	2,4,6-Trichlorophenol		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	2-Nitroaniline		ug/Kg	U	420	830
15 B9 6-8	BK26743	SW8270	11/21/15	1	2-Nitrophenol		ug/Kg	U	260	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Naphthalene		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	2-Methylnaphthalene		ug/Kg	UJ	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	2-Chloronaphthalene		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	200	830
15 B9 6-8	BK26743	SW8270	11/21/15	1	Benzidine		ug/Kg	UJ	240	830
15 B9 6-8	BK26743	SW8270	11/21/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	200	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	2-Chlorophenol		ug/Kg	U	120	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	150	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	2,4,5-Trichlorophenol		ug/Kg	U	230	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Acetophenone		ug/Kg	U	130	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	Nitrobenzene		ug/Kg	U	150	290
15 B9 6-8	BK26743	SW8270	11/21/15	1	3-Nitroaniline		ug/Kg	U	830	830
15 B9 6-8	BK26743	SW8270	11/21/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	290
15 B9 6-8	BK26743	SW9012	11/23/15	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.32	0.63
15 B8 6-8	BK26744	E160.3	11/21/15	1	SOLIDS, PERCENT	68	%			
15 B8 6-8	BK26744	SW8260	11/21/15	1	Acetone	110	ug/Kg	J	7.6	50
15 B8 6-8	BK26744	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	1.4	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.76	7.6



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B8 6-8	BK26744	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Acrolein		ug/Kg	U	3.8	31
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.76	31
15 B8 6-8	BK26744	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	7.6	38
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	3.8	15
15 B8 6-8	BK26744	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	3.8	15
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	61	100
15 B8 6-8	BK26744	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.5	15
15 B8 6-8	BK26744	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	7.6	38
15 B8 6-8	BK26744	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.5	31
15 B8 6-8	BK26744	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Benzene	0.91	ug/Kg	J	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	3.1	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.76	7.6



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B8 6-8	BK26744	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	7.6	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Carbon Disulfide		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Bromoform		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	31	150
15 B8 6-8	BK26744	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Methyl Ethyl Ketone	33	ug/Kg	J	7.6	46
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.5	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.76	7.6
15 B8 6-8	BK26744	SW8270	11/23/15	1	4-Nitroaniline		ug/Kg	U	160	970
15 B8 6-8	BK26744	SW8270	11/23/15	1	4-Nitrophenol		ug/Kg	U	220	490
15 B8 6-8	BK26744	SW8270	11/23/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	2,4-Dimethylphenol		ug/Kg	U	120	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	1,4-Dichlorobenzene		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	4-Chloroaniline		ug/Kg	UJ	230	390
15 B8 6-8	BK26744	SW8270	11/23/15	1	Phenol		ug/Kg	U	160	330
15 B8 6-8	BK26744	SW8270	11/23/15	1	Pyridine		ug/Kg	U	120	340



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B8 6-8	BK26744	SW8270	11/23/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	130	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	130	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Di-n-octylphthalate		ug/Kg	U	130	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Hexachlorobenzene		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Anthracene		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	150	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	2,4-Dichlorophenol		ug/Kg	U	170	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	2,4-Dinitrotoluene		ug/Kg	U	190	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	1,2-Diphenylhydrazine		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Pyrene		ug/Kg	U	170	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Dimethylphthalate		ug/Kg	U	150	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Dibenzofuran		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Benzo(ghi)perylene		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Benzo(b)fluoranthene		ug/Kg	U	170	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Fluoranthene		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Benzo(k)fluoranthene		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Acenaphthylene		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Chrysene		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Benzo(a)pyrene		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	2,4-Dinitrophenol		ug/Kg	U	340	970
15 B8 6-8	BK26744	SW8270	11/23/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	520	2400
15 B8 6-8	BK26744	SW8270	11/23/15	1	Dibenz(a,h)anthracene		ug/Kg	U	160	330
15 B8 6-8	BK26744	SW8270	11/23/15	1	1,3-Dichlorobenzene		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Benz(a)anthracene		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	4-Chloro-3-methylphenol		ug/Kg	U	170	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	2,6-Dinitrotoluene		ug/Kg	U	150	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Aniline		ug/Kg	U	390	390
15 B8 6-8	BK26744	SW8270	11/23/15	1	N-Nitrosodimethylamine		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Benzoic acid		ug/Kg	UJ	970	2400
15 B8 6-8	BK26744	SW8270	11/23/15	1	Hexachloroethane		ug/Kg	U	150	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Hexachlorocyclopentadiene		ug/Kg	U	150	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Isophorone		ug/Kg	U	140	340



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BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B8 6-8	BK26744	SW8270	11/23/15	1	Pentachloronitrobenzene		ug/Kg	U	180	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Acenaphthene		ug/Kg	U	150	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Diethyl phthalate		ug/Kg	U	150	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Di-n-butylphthalate		ug/Kg	U	130	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Phenanthrene		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Benzyl butyl phthalate		ug/Kg	U	130	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	N-Nitrosodiphenylamine		ug/Kg	U	190	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Fluorene		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Carbazole		ug/Kg	U	370	2400
15 B8 6-8	BK26744	SW8270	11/23/15	1	Hexachlorobutadiene		ug/Kg	U	180	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Pentachlorophenol		ug/Kg	U	180	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	2,4,6-Trichlorophenol		ug/Kg	U	160	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	2-Nitroaniline		ug/Kg	U	490	970
15 B8 6-8	BK26744	SW8270	11/23/15	1	2-Nitrophenol		ug/Kg	U	310	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Naphthalene		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	2-Methylnaphthalene		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	2-Chloronaphthalene		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	230	970
15 B8 6-8	BK26744	SW8270	11/23/15	1	Benzidine		ug/Kg	U	290	970
15 B8 6-8	BK26744	SW8270	11/23/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	230	330
15 B8 6-8	BK26744	SW8270	11/23/15	1	1,2-Dichlorobenzene		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	2-Chlorophenol		ug/Kg	U	140	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	170	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	2,4,5-Trichlorophenol		ug/Kg	U	270	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Acetophenone		ug/Kg	U	150	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	Nitrobenzene		ug/Kg	U	170	340
15 B8 6-8	BK26744	SW8270	11/23/15	1	3-Nitroaniline		ug/Kg	U	970	970
15 B8 6-8	BK26744	SW8270	11/23/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	190	340
15 B10 6-8	BK26746	E160.3	11/21/15	1	SOLIDS, PERCENT	87	%			
15 B10 6-8	BK26746	SW6010	11/23/15	10	Aluminum	3990	mg/Kg		7.3	36
15 B10 6-8	BK26746	SW6010	11/23/15	10	Manganese	484	mg/Kg		3.6	3.6
15 B10 6-8	BK26746	SW6010	11/23/15	100	Iron	164000	mg/Kg		360	360
15 B10 6-8	BK26746	SW6010	11/24/15	1	Lead	10.3	mg/Kg		0.36	0.7
15 B10 6-8	BK26746	SW6010	11/24/15	1	Magnesium	774	mg/Kg		3.6	3.6
15 B10 6-8	BK26746	SW6010	11/24/15	1	Nickel	42.8	mg/Kg		0.36	0.36
15 B10 6-8	BK26746	SW6010	11/24/15	1	Potassium	537	mg/Kg	J+	2.8	7
15 B10 6-8	BK26746	SW6010	11/24/15	1	Silver		mg/Kg	U	0.36	0.36



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B10 6-8	BK26746	SW6010	11/24/15	1	Sodium	1010	mg/Kg		3.1	7
15 B10 6-8	BK26746	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.5	1.5
15 B10 6-8	BK26746	SW6010	11/24/15	1	Antimony		mg/Kg	U	1.8	1.8
15 B10 6-8	BK26746	SW6010	11/24/15	1	Arsenic	22.8	mg/Kg		0.73	0.7
15 B10 6-8	BK26746	SW6010	11/24/15	1	Barium	30.4	mg/Kg		0.36	0.7
15 B10 6-8	BK26746	SW6010	11/24/15	1	Beryllium	0.19	mg/Kg	J	0.15	0.29
15 B10 6-8	BK26746	SW6010	11/24/15	1	Cadmium	3.55	mg/Kg		0.15	0.36
15 B10 6-8	BK26746	SW6010	11/24/15	1	Chromium	45.9	mg/Kg		0.36	0.36
15 B10 6-8	BK26746	SW6010	11/24/15	1	Cobalt	54.0	mg/Kg		0.36	0.36
15 B10 6-8	BK26746	SW6010	11/24/15	1	Copper	40.6	mg/Kg		0.36	0.36
15 B10 6-8	BK26746	SW6010	11/24/15	1	Vanadium	127	mg/Kg		0.36	0.4
15 B10 6-8	BK26746	SW6010	11/24/15	1	Calcium	411	mg/Kg		3.3	3.6
15 B10 6-8	BK26746	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.2	1.5
15 B10 6-8	BK26746	SW6010	11/25/15	10	Zinc		mg/Kg	U	3.6	7.3
15 B10 6-8	BK26746	SW7471	11/23/15	1	Mercury		mg/Kg	U	0.02	0.03
15 B10 6-8	BK26746	SW8081	11/21/15	2	Heptachlor epoxide		ug/Kg	U	7.6	7.6
15 B10 6-8	BK26746	SW8081	11/21/15	2	Endosulfan sulfate		ug/Kg	U	7.6	7.6
15 B10 6-8	BK26746	SW8081	11/21/15	2	Aldrin		ug/Kg	U	3.8	3.8
15 B10 6-8	BK26746	SW8081	11/21/15	2	a-BHC		ug/Kg	U	7.6	7.6
15 B10 6-8	BK26746	SW8081	11/21/15	2	b-BHC		ug/Kg	U	7.6	7.6
15 B10 6-8	BK26746	SW8081	11/21/15	2	d-BHC		ug/Kg	U	7.6	7.6
15 B10 6-8	BK26746	SW8081	11/21/15	2	Endosulfan II		ug/Kg	U	7.6	7.6
15 B10 6-8	BK26746	SW8081	11/21/15	2	4,4' -DDT		ug/Kg	U	2.3	2.3
15 B10 6-8	BK26746	SW8081	11/21/15	2	a-Chlordane		ug/Kg	U	3.8	3.8
15 B10 6-8	BK26746	SW8081	11/21/15	2	g-Chlordane		ug/Kg	U	3.8	3.8
15 B10 6-8	BK26746	SW8081	11/21/15	2	Endrin ketone		ug/Kg	U	7.6	7.6
15 B10 6-8	BK26746	SW8081	11/21/15	2	Chlordane		ug/Kg	U	38	38
15 B10 6-8	BK26746	SW8081	11/21/15	2	g-BHC		ug/Kg	U	1.5	1.5
15 B10 6-8	BK26746	SW8081	11/21/15	2	Dieldrin		ug/Kg	U	3.8	3.8
15 B10 6-8	BK26746	SW8081	11/21/15	2	Endrin		ug/Kg	U	7.6	7.6
15 B10 6-8	BK26746	SW8081	11/21/15	2	Methoxychlor		ug/Kg	U	38	38
15 B10 6-8	BK26746	SW8081	11/21/15	2	4,4' -DDD		ug/Kg	U	2.3	2.3
15 B10 6-8	BK26746	SW8081	11/21/15	2	4,4' -DDE		ug/Kg	U	2.3	2.3
15 B10 6-8	BK26746	SW8081	11/21/15	2	Endrin aldehyde		ug/Kg	U	7.6	7.6
15 B10 6-8	BK26746	SW8081	11/21/15	2	Heptachlor		ug/Kg	U	7.6	7.6
15 B10 6-8	BK26746	SW8081	11/21/15	2	Toxaphene		ug/Kg	U	150	150
15 B10 6-8	BK26746	SW8081	11/21/15	2	Endosulfan I		ug/Kg	U	7.6	7.6



**2401 3RD AVENUE
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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
15 B10 6-8	BK26746	SW8082	11/21/15	2	PCB-1260		ug/Kg	U	38	38
15 B10 6-8	BK26746	SW8082	11/21/15	2	PCB-1254		ug/Kg	U	38	38
15 B10 6-8	BK26746	SW8082	11/21/15	2	PCB-1268		ug/Kg	U	38	38
15 B10 6-8	BK26746	SW8082	11/21/15	2	PCB-1221		ug/Kg	U	38	38
15 B10 6-8	BK26746	SW8082	11/21/15	2	PCB-1232		ug/Kg	U	38	38
15 B10 6-8	BK26746	SW8082	11/21/15	2	PCB-1248		ug/Kg	U	38	38
15 B10 6-8	BK26746	SW8082	11/21/15	2	PCB-1262		ug/Kg	U	38	38
15 B10 6-8	BK26746	SW8082	11/21/15	2	PCB-1242		ug/Kg	U	38	38
15 B10 6-8	BK26746	SW8082	11/21/15	2	PCB-1016		ug/Kg	U	38	38
15 B10 6-8	BK26746	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	0.85	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Acrolein		ug/Kg	U	2.4	19
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.47	19
15 B10 6-8	BK26746	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	4.7	24
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.4	9.4
15 B10 6-8	BK26746	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.4	9.4
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	38	94
15 B10 6-8	BK26746	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.94	9.4



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B10 6-8	BK26746	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	4.7	24
15 B10 6-8	BK26746	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.94	19
15 B10 6-8	BK26746	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Benzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	1.9	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	4.7	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Carbon Disulfide		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Bromoform		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	19	94
15 B10 6-8	BK26746	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	4.7	28
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	0.94	4.7



**2401 3RD AVENUE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.94	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.47	4.7
15 B10 6-8	BK26746	SW8260	11/21/15	1	Acetone	17	ug/Kg	J	4.7	47
15 B10 6-8	BK26746	SW8270	11/23/15	1	4-Nitroaniline		ug/Kg	U	120	750
15 B10 6-8	BK26746	SW8270	11/23/15	1	4-Nitrophenol		ug/Kg	U	170	370
15 B10 6-8	BK26746	SW8270	11/23/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	2,4-Dimethylphenol		ug/Kg	U	92	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	4-Chloroaniline		ug/Kg	UJ	170	300
15 B10 6-8	BK26746	SW8270	11/23/15	1	Phenol		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Pyridine		ug/Kg	U	92	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Di-n-octylphthalate		ug/Kg	U	96	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Hexachlorobenzene		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Anthracene		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	2,4-Dichlorophenol		ug/Kg	U	130	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	2,4-Dinitrotoluene		ug/Kg	U	150	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Pyrene		ug/Kg	U	130	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Dimethylphthalate		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Dibenzofuran		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Benzo(ghi)perylene		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Fluoranthene		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Acenaphthylene		ug/Kg	U	100	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Chrysene		ug/Kg	U	130	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260



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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
15 B10 6-8	BK26746	SW8270	11/23/15	1	Benzo(a)pyrene		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	2,4-Dinitrophenol		ug/Kg	U	260	750
15 B10 6-8	BK26746	SW8270	11/23/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	400	1900
15 B10 6-8	BK26746	SW8270	11/23/15	1	Dibenz(a,h)anthracene		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Benz(a)anthracene		ug/Kg	U	130	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	2,6-Dinitrotoluene		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Aniline		ug/Kg	U	300	300
15 B10 6-8	BK26746	SW8270	11/23/15	1	N-Nitrosodimethylamine		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Benzoic acid		ug/Kg	UJ	750	1900
15 B10 6-8	BK26746	SW8270	11/23/15	1	Hexachloroethane		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Isophorone		ug/Kg	U	100	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Pentachloronitrobenzene		ug/Kg	U	140	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Acenaphthene		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Diethyl phthalate		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Di-n-butylphthalate		ug/Kg	U	99	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Phenanthrene		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Benzyl butyl phthalate		ug/Kg	U	96	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Fluorene		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Carbazole		ug/Kg	U	280	1900
15 B10 6-8	BK26746	SW8270	11/23/15	1	Hexachlorobutadiene		ug/Kg	U	130	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Pentachlorophenol		ug/Kg	U	140	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	2,4,6-Trichlorophenol		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	2-Nitroaniline		ug/Kg	U	380	750
15 B10 6-8	BK26746	SW8270	11/23/15	1	2-Nitrophenol		ug/Kg	U	240	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Naphthalene		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	2-Methylnaphthalene		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	2-Chloronaphthalene		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	750
15 B10 6-8	BK26746	SW8270	11/23/15	1	Benzidine		ug/Kg	U	220	750
15 B10 6-8	BK26746	SW8270	11/23/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	1,2-Dichlorobenzene		ug/Kg	U	110	260



**2401 3RD AVENUE
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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
15 B10 6-8	BK26746	SW8270	11/23/15	1	2-Chlorophenol		ug/Kg	U	110	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Acetophenone		ug/Kg	U	120	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	Nitrobenzene		ug/Kg	U	130	260
15 B10 6-8	BK26746	SW8270	11/23/15	1	3-Nitroaniline		ug/Kg	U	750	750
15 B10 6-8	BK26746	SW8270	11/23/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
15 B10 6-8	BK26746	SW9012	11/23/15	1	Total Cyanide (SW9010C Distill.)	1.45	mg/Kg		0.29	0.57
15 B17 6-8	BK26747	E160.3	11/21/15	1	SOLIDS, PERCENT	77	%			
15 B17 6-8	BK26747	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	1.1	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Acrolein		ug/Kg	U	2.9	23
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.58	23
15 B17 6-8	BK26747	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	5.8	29
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.9	12
15 B17 6-8	BK26747	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.9	12
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	47	100
15 B17 6-8	BK26747	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.2	12



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B17 6-8	BK26747	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	5.8	29
15 B17 6-8	BK26747	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.2	23
15 B17 6-8	BK26747	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Benzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	2.3	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	5.8	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Carbon Disulfide	1.2	ug/Kg	J	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Bromoform		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	23	120
15 B17 6-8	BK26747	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	5.8	35
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	1.2	5.8



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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
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.2	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.58	5.8
15 B17 6-8	BK26747	SW8260	11/21/15	1	Acetone		ug/Kg	UJ	5.8	50
15 B17 6-8	BK26747	SW8270	11/21/15	1	4-Nitroaniline		ug/Kg	U	140	840
15 B17 6-8	BK26747	SW8270	11/21/15	1	4-Nitrophenol		ug/Kg	U	190	420
15 B17 6-8	BK26747	SW8270	11/21/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	2,4-Dimethylphenol		ug/Kg	U	100	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	4-Chloroaniline		ug/Kg	U	200	340
15 B17 6-8	BK26747	SW8270	11/21/15	1	Phenol		ug/Kg	U	130	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Pyridine		ug/Kg	UJ	100	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Di-n-octylphthalate		ug/Kg	U	110	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Hexachlorobenzene		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Anthracene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	130	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	2,4-Dichlorophenol		ug/Kg	U	150	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	2,4-Dinitrotoluene		ug/Kg	U	170	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	1,2-Diphenylhydrazine		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Pyrene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Dimethylphthalate		ug/Kg	U	130	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Dibenzofuran		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Benzo(ghi)perylene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Benzo(b)fluoranthene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Fluoranthene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Benzo(k)fluoranthene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Acenaphthylene		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Chrysene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	120	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
15 B17 6-8	BK26747	SW8270	11/21/15	1	Benzo(a)pyrene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	2,4-Dinitrophenol		ug/Kg	R	290	840
15 B17 6-8	BK26747	SW8270	11/21/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	450	2100
15 B17 6-8	BK26747	SW8270	11/21/15	1	Dibenz(a,h)anthracene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Benz(a)anthracene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	4-Chloro-3-methylphenol		ug/Kg	U	150	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	2,6-Dinitrotoluene		ug/Kg	U	130	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Aniline		ug/Kg	U	340	340
15 B17 6-8	BK26747	SW8270	11/21/15	1	N-Nitrosodimethylamine		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Benzoic acid		ug/Kg	R	840	2100
15 B17 6-8	BK26747	SW8270	11/21/15	1	Hexachloroethane		ug/Kg	U	130	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Hexachlorocyclopentadiene		ug/Kg	U	130	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Isophorone		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Pentachloronitrobenzene		ug/Kg	U	160	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Acenaphthene		ug/Kg	U	130	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Diethyl phthalate		ug/Kg	U	130	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Di-n-butylphthalate		ug/Kg	U	110	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Phenanthrene		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Benzyl butyl phthalate		ug/Kg	U	110	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	N-Nitrosodiphenylamine		ug/Kg	U	160	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Fluorene		ug/Kg	U	140	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Carbazole		ug/Kg	U	320	2100
15 B17 6-8	BK26747	SW8270	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	150	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Pentachlorophenol		ug/Kg	U	160	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	2,4,6-Trichlorophenol		ug/Kg	U	130	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	2-Nitroaniline		ug/Kg	U	420	840
15 B17 6-8	BK26747	SW8270	11/21/15	1	2-Nitrophenol		ug/Kg	U	270	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Naphthalene		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	2-Methylnaphthalene		ug/Kg	UJ	130	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	2-Chloronaphthalene		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	200	840
15 B17 6-8	BK26747	SW8270	11/21/15	1	Benzidine		ug/Kg	UJ	250	840
15 B17 6-8	BK26747	SW8270	11/21/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	200	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	120	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
15 B17 6-8	BK26747	SW8270	11/21/15	1	2-Chlorophenol		ug/Kg	U	120	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	150	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	2,4,5-Trichlorophenol		ug/Kg	U	230	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Acetophenone		ug/Kg	U	130	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	Nitrobenzene		ug/Kg	U	150	290
15 B17 6-8	BK26747	SW8270	11/21/15	1	3-Nitroaniline		ug/Kg	U	840	840
15 B17 6-8	BK26747	SW8270	11/21/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	170	290
15 B18 0-2	BK26748	E160.3	11/21/15	1	SOLIDS, PERCENT	94	%			
15 B18 0-2	BK26748	SW6010	11/23/15	10	Aluminum	5800	mg/Kg		6.9	35
15 B18 0-2	BK26748	SW6010	11/23/15	10	Iron	79900	mg/Kg		35	35
15 B18 0-2	BK26748	SW6010	11/23/15	10	Manganese	938	mg/Kg		3.5	3.5
15 B18 0-2	BK26748	SW6010	11/23/15	10	Calcium	11300	mg/Kg	J-	32	35
15 B18 0-2	BK26748	SW6010	11/24/15	1	Lead	65.3	mg/Kg		0.35	0.7
15 B18 0-2	BK26748	SW6010	11/24/15	1	Magnesium	1590	mg/Kg		3.5	3.5
15 B18 0-2	BK26748	SW6010	11/24/15	1	Nickel	22.0	mg/Kg		0.35	0.35
15 B18 0-2	BK26748	SW6010	11/24/15	1	Potassium	1130	mg/Kg	J+	2.7	7
15 B18 0-2	BK26748	SW6010	11/24/15	1	Silver		mg/Kg	U	0.35	0.35
15 B18 0-2	BK26748	SW6010	11/24/15	1	Sodium	792	mg/Kg		3.0	7
15 B18 0-2	BK26748	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.4	1.4
15 B18 0-2	BK26748	SW6010	11/24/15	1	Antimony		mg/Kg	U	1.7	1.7
15 B18 0-2	BK26748	SW6010	11/24/15	1	Arsenic	20.1	mg/Kg		0.69	0.7
15 B18 0-2	BK26748	SW6010	11/24/15	1	Barium	49.1	mg/Kg		0.35	0.7
15 B18 0-2	BK26748	SW6010	11/24/15	1	Beryllium	0.28	mg/Kg	J	0.14	0.28
15 B18 0-2	BK26748	SW6010	11/24/15	1	Cadmium	1.95	mg/Kg		0.14	0.35
15 B18 0-2	BK26748	SW6010	11/24/15	1	Chromium	17.2	mg/Kg		0.35	0.35
15 B18 0-2	BK26748	SW6010	11/24/15	1	Cobalt	16.3	mg/Kg		0.35	0.35
15 B18 0-2	BK26748	SW6010	11/24/15	1	Copper	37.5	mg/Kg		0.35	0.35
15 B18 0-2	BK26748	SW6010	11/24/15	1	Vanadium	50.3	mg/Kg		0.35	0.3
15 B18 0-2	BK26748	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.2	1.4
15 B18 0-2	BK26748	SW6010	11/24/15	1	Zinc	49.6	mg/Kg		0.35	0.7
15 B18 0-2	BK26748	SW7471	11/23/15	1	Mercury	0.02	mg/Kg	J	0.02	0.03
15 B18 0-2	BK26748	SW8081	11/21/15	2	Heptachlor epoxide		ug/Kg	U	6.9	6.9
15 B18 0-2	BK26748	SW8081	11/21/15	2	Endosulfan sulfate		ug/Kg	U	6.9	6.9
15 B18 0-2	BK26748	SW8081	11/21/15	2	Aldrin		ug/Kg	U	3.5	3.5
15 B18 0-2	BK26748	SW8081	11/21/15	2	a-BHC		ug/Kg	U	6.9	6.9
15 B18 0-2	BK26748	SW8081	11/21/15	2	b-BHC		ug/Kg	U	6.9	6.9
15 B18 0-2	BK26748	SW8081	11/21/15	2	d-BHC		ug/Kg	U	6.9	6.9



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B18 0-2	BK26748	SW8081	11/21/15	2	Endosulfan II		ug/Kg	U	6.9	6.9
15 B18 0-2	BK26748	SW8081	11/21/15	2	4,4' -DDT		ug/Kg	U	2.1	2.1
15 B18 0-2	BK26748	SW8081	11/21/15	2	a-Chlordane		ug/Kg	U	3.5	3.5
15 B18 0-2	BK26748	SW8081	11/21/15	2	g-Chlordane		ug/Kg	U	3.5	3.5
15 B18 0-2	BK26748	SW8081	11/21/15	2	Endrin ketone		ug/Kg	U	6.9	6.9
15 B18 0-2	BK26748	SW8081	11/21/15	2	Chlordane		ug/Kg	U	35	35
15 B18 0-2	BK26748	SW8081	11/21/15	2	g-BHC		ug/Kg	U	1.4	1.4
15 B18 0-2	BK26748	SW8081	11/21/15	2	Dieldrin		ug/Kg	U	3.5	3.5
15 B18 0-2	BK26748	SW8081	11/21/15	2	Endrin		ug/Kg	U	6.9	6.9
15 B18 0-2	BK26748	SW8081	11/21/15	2	Methoxychlor		ug/Kg	U	35	35
15 B18 0-2	BK26748	SW8081	11/21/15	2	4,4' -DDD		ug/Kg	U	2.1	2.1
15 B18 0-2	BK26748	SW8081	11/21/15	2	4,4' -DDE		ug/Kg	U	2.1	2.1
15 B18 0-2	BK26748	SW8081	11/21/15	2	Endrin aldehyde		ug/Kg	U	6.9	6.9
15 B18 0-2	BK26748	SW8081	11/21/15	2	Heptachlor		ug/Kg	U	6.9	6.9
15 B18 0-2	BK26748	SW8081	11/21/15	2	Toxaphene		ug/Kg	U	140	140
15 B18 0-2	BK26748	SW8081	11/21/15	2	Endosulfan I		ug/Kg	U	6.9	6.9
15 B18 0-2	BK26748	SW8082	11/21/15	2	PCB-1260		ug/Kg	U	35	35
15 B18 0-2	BK26748	SW8082	11/21/15	2	PCB-1254		ug/Kg	U	35	35
15 B18 0-2	BK26748	SW8082	11/21/15	2	PCB-1268		ug/Kg	U	35	35
15 B18 0-2	BK26748	SW8082	11/21/15	2	PCB-1221		ug/Kg	U	35	35
15 B18 0-2	BK26748	SW8082	11/21/15	2	PCB-1232		ug/Kg	U	35	35
15 B18 0-2	BK26748	SW8082	11/21/15	2	PCB-1248		ug/Kg	U	35	35
15 B18 0-2	BK26748	SW8082	11/21/15	2	PCB-1262		ug/Kg	U	35	35
15 B18 0-2	BK26748	SW8082	11/21/15	2	PCB-1242		ug/Kg	U	35	35
15 B18 0-2	BK26748	SW8082	11/21/15	2	PCB-1016		ug/Kg	U	35	35
15 B18 0-2	BK26748	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	0.62	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Acrolein		ug/Kg	U	1.7	14
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.35	14



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B18 0-2	BK26748	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	3.5	17
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Toluene	0.65	ug/Kg	J	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	1.7	6.9
15 B18 0-2	BK26748	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	1.7	6.9
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	28	69
15 B18 0-2	BK26748	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.69	6.9
15 B18 0-2	BK26748	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	3.5	17
15 B18 0-2	BK26748	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.69	14
15 B18 0-2	BK26748	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Benzene	1.3	ug/Kg	J	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	1.4	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	3.5	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Carbon Disulfide	1.3	ug/Kg	J	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Bromoform		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	0.69	3.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	14	69
15 B18 0-2	BK26748	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	3.5	21
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.69	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.35	3.5
15 B18 0-2	BK26748	SW8260	11/21/15	1	Acetone	6.1	ug/Kg	J	3.5	35
15 B18 0-2	BK26748	SW8270	11/23/15	1	4-Nitroaniline		ug/Kg	U	120	700
15 B18 0-2	BK26748	SW8270	11/23/15	1	4-Nitrophenol		ug/Kg	U	160	350
15 B18 0-2	BK26748	SW8270	11/23/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	100	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	2,4-Dimethylphenol		ug/Kg	U	87	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	1,4-Dichlorobenzene		ug/Kg	U	100	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	4-Chloroaniline		ug/Kg	UJ	160	280
15 B18 0-2	BK26748	SW8270	11/23/15	1	Phenol		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Pyridine		ug/Kg	U	87	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	95	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	97	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Di-n-octylphthalate		ug/Kg	U	91	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Hexachlorobenzene		ug/Kg	U	100	250



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B18 0-2	BK26748	SW8270	11/23/15	1	Anthracene		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	2,4-Dichlorophenol		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	2,4-Dinitrotoluene		ug/Kg	U	140	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	1,2-Diphenylhydrazine		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Pyrene		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Dimethylphthalate		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Dibenzofuran		ug/Kg	U	100	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Benzo(ghi)perylene		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Fluoranthene		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Acenaphthylene		ug/Kg	U	99	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Chrysene		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	98	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Benzo(a)pyrene		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	2,4-Dinitrophenol		ug/Kg	U	250	700
15 B18 0-2	BK26748	SW8270	11/23/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	380	1800
15 B18 0-2	BK26748	SW8270	11/23/15	1	Dibenz(a,h)anthracene		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	1,3-Dichlorobenzene		ug/Kg	U	100	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Benz(a)anthracene		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	4-Chloro-3-methylphenol		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	2,6-Dinitrotoluene		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Aniline		ug/Kg	U	280	280
15 B18 0-2	BK26748	SW8270	11/23/15	1	N-Nitrosodimethylamine		ug/Kg	U	99	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Benzoic acid		ug/Kg	UJ	700	1800
15 B18 0-2	BK26748	SW8270	11/23/15	1	Hexachloroethane		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Isophorone		ug/Kg	U	99	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Pentachloronitrobenzene		ug/Kg	U	130	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Acenaphthene		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Diethyl phthalate		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Di-n-butylphthalate		ug/Kg	U	94	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Phenanthrene		ug/Kg	U	100	250



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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
15 B18 0-2	BK26748	SW8270	11/23/15	1	Benzyl butyl phthalate		ug/Kg	U	91	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Fluorene		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Carbazole		ug/Kg	U	270	1800
15 B18 0-2	BK26748	SW8270	11/23/15	1	Hexachlorobutadiene		ug/Kg	U	130	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Pentachlorophenol		ug/Kg	U	130	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	2,4,6-Trichlorophenol		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	2-Nitroaniline		ug/Kg	U	360	700
15 B18 0-2	BK26748	SW8270	11/23/15	1	2-Nitrophenol		ug/Kg	U	220	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Naphthalene		ug/Kg	U	100	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	2-Methylnaphthalene		ug/Kg	U	100	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	2-Chloronaphthalene		ug/Kg	U	100	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	700
15 B18 0-2	BK26748	SW8270	11/23/15	1	Benzidine		ug/Kg	U	210	700
15 B18 0-2	BK26748	SW8270	11/23/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	1,2-Dichlorobenzene		ug/Kg	U	99	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	2-Chlorophenol		ug/Kg	U	100	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	2,4,5-Trichlorophenol		ug/Kg	U	190	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Acetophenone		ug/Kg	U	110	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	Nitrobenzene		ug/Kg	U	120	250
15 B18 0-2	BK26748	SW8270	11/23/15	1	3-Nitroaniline		ug/Kg	U	700	700
15 B18 0-2	BK26748	SW8270	11/23/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15 B18 0-2	BK26748	SW9012	11/23/15	1	Total Cyanide (SW9010C Distill.)	0.633	mg/Kg		0.27	0.53
15 B18 6-8	BK26749	E160.3	11/21/15	1	SOLIDS, PERCENT	88	%			
15 B18 6-8	BK26749	SW6010	11/23/15	10	Aluminum	7740	mg/Kg		7.1	36
15 B18 6-8	BK26749	SW6010	11/23/15	10	Iron	13600	mg/Kg		36	36
15 B18 6-8	BK26749	SW6010	11/23/15	10	Magnesium	9240	mg/Kg		36	36
15 B18 6-8	BK26749	SW6010	11/23/15	10	Manganese	279	mg/Kg		3.6	3.6
15 B18 6-8	BK26749	SW6010	11/24/15	1	Lead	4.9	mg/Kg		0.36	0.7
15 B18 6-8	BK26749	SW6010	11/24/15	1	Nickel	12.8	mg/Kg		0.36	0.36
15 B18 6-8	BK26749	SW6010	11/24/15	1	Potassium	2070	mg/Kg	J+	2.8	7
15 B18 6-8	BK26749	SW6010	11/24/15	1	Silver		mg/Kg	U	0.36	0.36
15 B18 6-8	BK26749	SW6010	11/24/15	1	Sodium	963	mg/Kg		3.1	7
15 B18 6-8	BK26749	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.4	1.4
15 B18 6-8	BK26749	SW6010	11/24/15	1	Antimony		mg/Kg	U	1.8	1.8
15 B18 6-8	BK26749	SW6010	11/24/15	1	Arsenic	2.5	mg/Kg		0.71	0.7



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B18 6-8	BK26749	SW6010	11/24/15	1	Barium	14.8	mg/Kg		0.36	0.7
15 B18 6-8	BK26749	SW6010	11/24/15	1	Beryllium	0.36	mg/Kg		0.14	0.28
15 B18 6-8	BK26749	SW6010	11/24/15	1	Cadmium	0.20	mg/Kg	J	0.14	0.36
15 B18 6-8	BK26749	SW6010	11/24/15	1	Chromium	19.2	mg/Kg		0.36	0.36
15 B18 6-8	BK26749	SW6010	11/24/15	1	Cobalt	8.01	mg/Kg		0.36	0.36
15 B18 6-8	BK26749	SW6010	11/24/15	1	Copper	20.6	mg/Kg		0.36	0.36
15 B18 6-8	BK26749	SW6010	11/24/15	1	Vanadium	26.4	mg/Kg		0.36	0.4
15 B18 6-8	BK26749	SW6010	11/24/15	1	Calcium	7920	mg/Kg		3.3	3.6
15 B18 6-8	BK26749	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.2	1.4
15 B18 6-8	BK26749	SW6010	11/24/15	1	Zinc	41.1	mg/Kg		0.36	0.7
15 B18 6-8	BK26749	SW7471	11/23/15	1	Mercury		mg/Kg	U	0.02	0.03
15 B18 6-8	BK26749	SW8081	11/21/15	2	Heptachlor epoxide		ug/Kg	U	7.5	7.5
15 B18 6-8	BK26749	SW8081	11/21/15	2	Endosulfan sulfate		ug/Kg	U	7.5	7.5
15 B18 6-8	BK26749	SW8081	11/21/15	2	Aldrin		ug/Kg	U	3.7	3.7
15 B18 6-8	BK26749	SW8081	11/21/15	2	a-BHC		ug/Kg	U	7.5	7.5
15 B18 6-8	BK26749	SW8081	11/21/15	2	b-BHC		ug/Kg	U	7.5	7.5
15 B18 6-8	BK26749	SW8081	11/21/15	2	d-BHC		ug/Kg	U	7.5	7.5
15 B18 6-8	BK26749	SW8081	11/21/15	2	Endosulfan II		ug/Kg	U	7.5	7.5
15 B18 6-8	BK26749	SW8081	11/21/15	2	4,4' -DDT		ug/Kg	U	2.2	2.2
15 B18 6-8	BK26749	SW8081	11/21/15	2	a-Chlordane		ug/Kg	U	3.7	3.7
15 B18 6-8	BK26749	SW8081	11/21/15	2	g-Chlordane		ug/Kg	U	3.7	3.7
15 B18 6-8	BK26749	SW8081	11/21/15	2	Endrin ketone		ug/Kg	U	7.5	7.5
15 B18 6-8	BK26749	SW8081	11/21/15	2	Chlordane		ug/Kg	U	37	37
15 B18 6-8	BK26749	SW8081	11/21/15	2	g-BHC		ug/Kg	U	1.5	1.5
15 B18 6-8	BK26749	SW8081	11/21/15	2	Dieldrin		ug/Kg	U	3.7	3.7
15 B18 6-8	BK26749	SW8081	11/21/15	2	Endrin		ug/Kg	U	7.5	7.5
15 B18 6-8	BK26749	SW8081	11/21/15	2	Methoxychlor		ug/Kg	U	37	37
15 B18 6-8	BK26749	SW8081	11/21/15	2	4,4' -DDD		ug/Kg	U	2.2	2.2
15 B18 6-8	BK26749	SW8081	11/21/15	2	4,4' -DDE		ug/Kg	U	2.2	2.2
15 B18 6-8	BK26749	SW8081	11/21/15	2	Endrin aldehyde		ug/Kg	U	7.5	7.5
15 B18 6-8	BK26749	SW8081	11/21/15	2	Heptachlor		ug/Kg	U	7.5	7.5
15 B18 6-8	BK26749	SW8081	11/21/15	2	Toxaphene		ug/Kg	U	150	150
15 B18 6-8	BK26749	SW8081	11/21/15	2	Endosulfan I		ug/Kg	U	7.5	7.5
15 B18 6-8	BK26749	SW8082	11/21/15	2	PCB-1260		ug/Kg	U	37	37
15 B18 6-8	BK26749	SW8082	11/21/15	2	PCB-1254		ug/Kg	U	37	37
15 B18 6-8	BK26749	SW8082	11/21/15	2	PCB-1268		ug/Kg	U	37	37
15 B18 6-8	BK26749	SW8082	11/21/15	2	PCB-1221		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
15 B18 6-8	BK26749	SW8082	11/21/15	2	PCB-1232		ug/Kg	U	37	37
15 B18 6-8	BK26749	SW8082	11/21/15	2	PCB-1248		ug/Kg	U	37	37
15 B18 6-8	BK26749	SW8082	11/21/15	2	PCB-1262		ug/Kg	U	37	37
15 B18 6-8	BK26749	SW8082	11/21/15	2	PCB-1242		ug/Kg	U	37	37
15 B18 6-8	BK26749	SW8082	11/21/15	2	PCB-1016		ug/Kg	U	37	37
15 B18 6-8	BK26749	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	0.74	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Acrolein		ug/Kg	U	2.0	16
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.41	16
15 B18 6-8	BK26749	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	4.1	20
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.0	8.2
15 B18 6-8	BK26749	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.0	8.2
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	33	82
15 B18 6-8	BK26749	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.82	8.2
15 B18 6-8	BK26749	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	0.82	4.1



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	4.1	20
15 B18 6-8	BK26749	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.82	16
15 B18 6-8	BK26749	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Benzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	1.6	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	4.1	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Carbon Disulfide		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Bromoform		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	16	82
15 B18 6-8	BK26749	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	4.1	25
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.82	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.41	4.1



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SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B18 6-8	BK26749	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.41	4.1
15 B18 6-8	BK26749	SW8260	11/21/15	1	Acetone		ug/Kg	UJ	4.1	41
15 B18 6-8	BK26749	SW8270	11/23/15	1	4-Nitroaniline		ug/Kg	U	120	740
15 B18 6-8	BK26749	SW8270	11/23/15	1	4-Nitrophenol		ug/Kg	U	170	370
15 B18 6-8	BK26749	SW8270	11/23/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	2,4-Dimethylphenol		ug/Kg	U	92	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	4-Chloroaniline		ug/Kg	UJ	170	300
15 B18 6-8	BK26749	SW8270	11/23/15	1	Phenol		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Pyridine		ug/Kg	U	91	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Di-n-octylphthalate		ug/Kg	U	95	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Hexachlorobenzene		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Anthracene		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	2,4-Dichlorophenol		ug/Kg	U	130	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	2,4-Dinitrotoluene		ug/Kg	U	150	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Pyrene		ug/Kg	U	130	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Dimethylphthalate		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Dibenzofuran		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Benzo(ghi)perylene		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Fluoranthene		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Acenaphthylene		ug/Kg	U	100	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Chrysene		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Benzo(a)pyrene		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	2,4-Dinitrophenol		ug/Kg	U	260	740
15 B18 6-8	BK26749	SW8270	11/23/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	400	1800
15 B18 6-8	BK26749	SW8270	11/23/15	1	Dibenz(a,h)anthracene		ug/Kg	U	120	260



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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
15 B18 6-8	BK26749	SW8270	11/23/15	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Benz(a)anthracene		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	2,6-Dinitrotoluene		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Aniline		ug/Kg	U	300	300
15 B18 6-8	BK26749	SW8270	11/23/15	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Benzoic acid		ug/Kg	UJ	740	1800
15 B18 6-8	BK26749	SW8270	11/23/15	1	Hexachloroethane		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Isophorone		ug/Kg	U	100	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Pentachloronitrobenzene		ug/Kg	U	140	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Acenaphthene		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Diethyl phthalate		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Di-n-butylphthalate		ug/Kg	U	98	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Phenanthrene		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Benzyl butyl phthalate		ug/Kg	U	95	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Fluorene		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Carbazole		ug/Kg	U	280	1800
15 B18 6-8	BK26749	SW8270	11/23/15	1	Hexachlorobutadiene		ug/Kg	U	130	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Pentachlorophenol		ug/Kg	U	140	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	2,4,6-Trichlorophenol		ug/Kg	U	120	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	2-Nitroaniline		ug/Kg	U	370	740
15 B18 6-8	BK26749	SW8270	11/23/15	1	2-Nitrophenol		ug/Kg	U	230	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Naphthalene		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	2-Methylnaphthalene		ug/Kg	U	110	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	2-Chloronaphthalene		ug/Kg	U	100	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	740
15 B18 6-8	BK26749	SW8270	11/23/15	1	Benzidine		ug/Kg	U	220	740
15 B18 6-8	BK26749	SW8270	11/23/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	2-Chlorophenol		ug/Kg	U	100	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	Acetophenone		ug/Kg	U	120	260



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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
15 B18 6-8	BK26749	SW8270	11/23/15	1	Nitrobenzene		ug/Kg	U	130	260
15 B18 6-8	BK26749	SW8270	11/23/15	1	3-Nitroaniline		ug/Kg	U	740	740
15 B18 6-8	BK26749	SW8270	11/23/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
15 B18 6-8	BK26749	SW9012	11/23/15	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.26	0.52
15 B19 0-2	BK26750	E160.3	11/21/15	1	SOLIDS, PERCENT	90	%			
15 B19 0-2	BK26750	SW6010	11/23/15	10	Aluminum	11500	mg/Kg		7.8	39
15 B19 0-2	BK26750	SW6010	11/23/15	10	Iron	18600	mg/Kg		39	39
15 B19 0-2	BK26750	SW6010	11/23/15	10	Magnesium	8190	mg/Kg		39	39
15 B19 0-2	BK26750	SW6010	11/23/15	10	Manganese	435	mg/Kg		3.9	3.9
15 B19 0-2	BK26750	SW6010	11/23/15	10	Calcium	46500	mg/Kg	J-	36	39
15 B19 0-2	BK26750	SW6010	11/24/15	1	Lead	5.2	mg/Kg		0.39	0.8
15 B19 0-2	BK26750	SW6010	11/24/15	1	Nickel	16.1	mg/Kg		0.39	0.39
15 B19 0-2	BK26750	SW6010	11/24/15	1	Potassium	1030	mg/Kg	J+	3.1	8
15 B19 0-2	BK26750	SW6010	11/24/15	1	Silver		mg/Kg	U	0.39	0.39
15 B19 0-2	BK26750	SW6010	11/24/15	1	Sodium	1330	mg/Kg		3.4	8
15 B19 0-2	BK26750	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.6	1.6
15 B19 0-2	BK26750	SW6010	11/24/15	1	Antimony		mg/Kg	U	2.0	2.0
15 B19 0-2	BK26750	SW6010	11/24/15	1	Arsenic	2.3	mg/Kg		0.78	0.8
15 B19 0-2	BK26750	SW6010	11/24/15	1	Barium	30.3	mg/Kg		0.39	0.8
15 B19 0-2	BK26750	SW6010	11/24/15	1	Beryllium	0.64	mg/Kg		0.16	0.31
15 B19 0-2	BK26750	SW6010	11/24/15	1	Cadmium	0.20	mg/Kg	J	0.16	0.39
15 B19 0-2	BK26750	SW6010	11/24/15	1	Chromium	19.7	mg/Kg		0.39	0.39
15 B19 0-2	BK26750	SW6010	11/24/15	1	Cobalt	9.58	mg/Kg		0.39	0.39
15 B19 0-2	BK26750	SW6010	11/24/15	1	Copper	16.5	mg/Kg		0.39	0.39
15 B19 0-2	BK26750	SW6010	11/24/15	1	Vanadium	25.7	mg/Kg		0.39	0.4
15 B19 0-2	BK26750	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.3	1.6
15 B19 0-2	BK26750	SW6010	11/24/15	1	Zinc	37.4	mg/Kg		0.39	0.8
15 B19 0-2	BK26750	SW7471	11/23/15	1	Mercury		mg/Kg	U	0.02	0.03
15 B19 0-2	BK26750	SW8081	11/21/15	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	Endosulfan sulfate		ug/Kg	U	7.2	7.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	Aldrin		ug/Kg	UJ	3.6	3.6
15 B19 0-2	BK26750	SW8081	11/21/15	2	a-BHC		ug/Kg	U	7.2	7.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	b-BHC		ug/Kg	U	7.2	7.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	d-BHC		ug/Kg	U	7.2	7.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	Endosulfan II		ug/Kg	U	7.2	7.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	4,4' -DDT		ug/Kg	UJ	2.2	2.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	a-Chlordane		ug/Kg	U	3.6	3.6



**2401 3RD AVENUE
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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
15 B19 0-2	BK26750	SW8081	11/21/15	2	g-Chlordane		ug/Kg	U	3.6	3.6
15 B19 0-2	BK26750	SW8081	11/21/15	2	Endrin ketone		ug/Kg	U	7.2	7.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	Chlordane		ug/Kg	U	36	36
15 B19 0-2	BK26750	SW8081	11/21/15	2	g-BHC		ug/Kg	U	1.4	1.4
15 B19 0-2	BK26750	SW8081	11/21/15	2	Dieldrin		ug/Kg	UJ	3.6	3.6
15 B19 0-2	BK26750	SW8081	11/21/15	2	Endrin		ug/Kg	U	7.2	7.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	Methoxychlor		ug/Kg	U	36	36
15 B19 0-2	BK26750	SW8081	11/21/15	2	4,4' -DDD		ug/Kg	UJ	2.2	2.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	4,4' -DDE		ug/Kg	U	2.2	2.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	Endrin aldehyde		ug/Kg	U	7.2	7.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	Heptachlor		ug/Kg	U	7.2	7.2
15 B19 0-2	BK26750	SW8081	11/21/15	2	Toxaphene		ug/Kg	U	140	140
15 B19 0-2	BK26750	SW8081	11/21/15	2	Endosulfan I		ug/Kg	UJ	7.2	7.2
15 B19 0-2	BK26750	SW8082	11/21/15	2	PCB-1260		ug/Kg	U	36	36
15 B19 0-2	BK26750	SW8082	11/21/15	2	PCB-1254		ug/Kg	U	36	36
15 B19 0-2	BK26750	SW8082	11/21/15	2	PCB-1268		ug/Kg	U	36	36
15 B19 0-2	BK26750	SW8082	11/21/15	2	PCB-1221		ug/Kg	U	36	36
15 B19 0-2	BK26750	SW8082	11/21/15	2	PCB-1232		ug/Kg	U	36	36
15 B19 0-2	BK26750	SW8082	11/21/15	2	PCB-1248		ug/Kg	U	36	36
15 B19 0-2	BK26750	SW8082	11/21/15	2	PCB-1262		ug/Kg	U	36	36
15 B19 0-2	BK26750	SW8082	11/21/15	2	PCB-1242		ug/Kg	U	36	36
15 B19 0-2	BK26750	SW8082	11/21/15	2	PCB-1016		ug/Kg	U	36	36
15 B19 0-2	BK26750	SW8260	11/21/15	1	Ethylbenzene	0.61	ug/Kg	J	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	0.76	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Acrolein		ug/Kg	U	2.1	17
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.42	17
15 B19 0-2	BK26750	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	4.2	21
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,3,5-Trimethylbenzene	1.7	ug/Kg	J	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.42	4.2



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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
15 B19 0-2	BK26750	SW8260	11/21/15	1	Toluene	1.1	ug/Kg	J	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.1	8.4
15 B19 0-2	BK26750	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.1	8.4
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	34	84
15 B19 0-2	BK26750	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.84	8.4
15 B19 0-2	BK26750	SW8260	11/21/15	1	m&p-Xylene	2.2	ug/Kg	J	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	4.2	21
15 B19 0-2	BK26750	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.84	17
15 B19 0-2	BK26750	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Benzene	0.50	ug/Kg	J	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	1.7	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	4.2	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Carbon Disulfide		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Bromoform		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	17	84



**2401 3RD AVENUE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B19 0-2	BK26750	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	4.2	25
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Naphthalene	2.0	ug/Kg	J	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	o-Xylene	1.2	ug/Kg	J	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,2,4-Trimethylbenzene	3.7	ug/Kg	J	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.84	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.42	4.2
15 B19 0-2	BK26750	SW8260	11/21/15	1	Acetone	6.8	ug/Kg	J	4.2	42
15 B19 0-2	BK26750	SW8270	11/21/15	1	4-Nitroaniline		ug/Kg	U	120	720
15 B19 0-2	BK26750	SW8270	11/21/15	1	4-Nitrophenol		ug/Kg	U	160	360
15 B19 0-2	BK26750	SW8270	11/21/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	2,4-Dimethylphenol		ug/Kg	U	89	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	4-Chloroaniline		ug/Kg	U	170	290
15 B19 0-2	BK26750	SW8270	11/21/15	1	Phenol		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Pyridine		ug/Kg	UJ	89	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	97	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Di-n-octylphthalate		ug/Kg	U	93	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Hexachlorobenzene		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Anthracene		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	2,4-Dichlorophenol		ug/Kg	U	130	250



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B19 0-2	BK26750	SW8270	11/21/15	1	2,4-Dinitrotoluene		ug/Kg	U	140	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Pyrene		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Dimethylphthalate		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Dibenzofuran		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Benzo(ghi)perylene		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Benzo(b)fluoranthene		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Fluoranthene		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Benzo(k)fluoranthene		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Acenaphthylene		ug/Kg	U	100	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Chrysene		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Benzo(a)pyrene		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	2,4-Dinitrophenol		ug/Kg	R	250	720
15 B19 0-2	BK26750	SW8270	11/21/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	390	1800
15 B19 0-2	BK26750	SW8270	11/21/15	1	Dibenz(a,h)anthracene		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Benz(a)anthracene		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	2,6-Dinitrotoluene		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Aniline		ug/Kg	U	290	290
15 B19 0-2	BK26750	SW8270	11/21/15	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Benzoic acid		ug/Kg	R	720	1800
15 B19 0-2	BK26750	SW8270	11/21/15	1	Hexachloroethane		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Hexachlorocyclopentadiene		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Isophorone		ug/Kg	U	100	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Pentachloronitrobenzene		ug/Kg	U	130	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Acenaphthene		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Diethyl phthalate		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Di-n-butylphthalate		ug/Kg	U	96	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Phenanthrene		ug/Kg	U	100	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Benzyl butyl phthalate		ug/Kg	U	93	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Fluorene		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
15 B19 0-2	BK26750	SW8270	11/21/15	1	Carbazole		ug/Kg	U	270	1800
15 B19 0-2	BK26750	SW8270	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	130	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Pentachlorophenol		ug/Kg	U	140	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	2,4,6-Trichlorophenol		ug/Kg	U	120	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	2-Nitroaniline		ug/Kg	U	360	720
15 B19 0-2	BK26750	SW8270	11/21/15	1	2-Nitrophenol		ug/Kg	U	230	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Naphthalene		ug/Kg	U	100	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	2-Methylnaphthalene		ug/Kg	UJ	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	2-Chloronaphthalene		ug/Kg	U	100	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	720
15 B19 0-2	BK26750	SW8270	11/21/15	1	Benzidine		ug/Kg	UJ	210	720
15 B19 0-2	BK26750	SW8270	11/21/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	2-Chlorophenol		ug/Kg	U	100	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Acetophenone		ug/Kg	U	110	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	Nitrobenzene		ug/Kg	U	130	250
15 B19 0-2	BK26750	SW8270	11/21/15	1	3-Nitroaniline		ug/Kg	U	720	720
15 B19 0-2	BK26750	SW8270	11/21/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15 B19 0-2	BK26750	SW9012	11/23/15	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.28	0.56
15 B19 6-8	BK26751	E160.3	11/21/15	1	SOLIDS, PERCENT	88	%			
15 B19 6-8	BK26751	SW6010	11/23/15	10	Aluminum	13500	mg/Kg		6.9	35
15 B19 6-8	BK26751	SW6010	11/23/15	10	Iron	16300	mg/Kg		35	35
15 B19 6-8	BK26751	SW6010	11/23/15	10	Magnesium	14200	mg/Kg		35	35
15 B19 6-8	BK26751	SW6010	11/23/15	10	Manganese	244	mg/Kg		3.5	3.5
15 B19 6-8	BK26751	SW6010	11/24/15	1	Lead	4.8	mg/Kg		0.35	0.7
15 B19 6-8	BK26751	SW6010	11/24/15	1	Nickel	16.4	mg/Kg		0.35	0.35
15 B19 6-8	BK26751	SW6010	11/24/15	1	Potassium	1870	mg/Kg	J+	2.7	7
15 B19 6-8	BK26751	SW6010	11/24/15	1	Silver		mg/Kg	U	0.35	0.35
15 B19 6-8	BK26751	SW6010	11/24/15	1	Sodium	1170	mg/Kg		3.0	7
15 B19 6-8	BK26751	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.4	1.4
15 B19 6-8	BK26751	SW6010	11/24/15	1	Antimony		mg/Kg	U	1.7	1.7
15 B19 6-8	BK26751	SW6010	11/24/15	1	Arsenic	1.0	mg/Kg		0.69	0.7
15 B19 6-8	BK26751	SW6010	11/24/15	1	Barium	10.7	mg/Kg		0.35	0.7
15 B19 6-8	BK26751	SW6010	11/24/15	1	Beryllium	0.53	mg/Kg		0.14	0.28
15 B19 6-8	BK26751	SW6010	11/24/15	1	Cadmium		mg/Kg	U	0.14	0.35



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B19 6-8	BK26751	SW6010	11/24/15	1	Chromium	28.7	mg/Kg		0.35	0.35
15 B19 6-8	BK26751	SW6010	11/24/15	1	Cobalt	9.31	mg/Kg		0.35	0.35
15 B19 6-8	BK26751	SW6010	11/24/15	1	Copper	18.0	mg/Kg		0.35	0.35
15 B19 6-8	BK26751	SW6010	11/24/15	1	Vanadium	36.8	mg/Kg		0.35	0.3
15 B19 6-8	BK26751	SW6010	11/24/15	1	Calcium	1450	mg/Kg		3.2	3.5
15 B19 6-8	BK26751	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.2	1.4
15 B19 6-8	BK26751	SW6010	11/24/15	1	Zinc	51.4	mg/Kg		0.35	0.7
15 B19 6-8	BK26751	SW7471	11/23/15	1	Mercury		mg/Kg	U	0.02	0.03
15 B19 6-8	BK26751	SW8081	11/21/15	2	Heptachlor epoxide		ug/Kg	U	7.4	7.4
15 B19 6-8	BK26751	SW8081	11/21/15	2	Endosulfan sulfate		ug/Kg	U	7.4	7.4
15 B19 6-8	BK26751	SW8081	11/21/15	2	Aldrin		ug/Kg	U	3.7	3.7
15 B19 6-8	BK26751	SW8081	11/21/15	2	a-BHC		ug/Kg	U	7.4	7.4
15 B19 6-8	BK26751	SW8081	11/21/15	2	b-BHC		ug/Kg	U	7.4	7.4
15 B19 6-8	BK26751	SW8081	11/21/15	2	d-BHC		ug/Kg	U	7.4	7.4
15 B19 6-8	BK26751	SW8081	11/21/15	2	Endosulfan II		ug/Kg	U	7.4	7.4
15 B19 6-8	BK26751	SW8081	11/21/15	2	4,4' -DDT		ug/Kg	U	2.2	2.2
15 B19 6-8	BK26751	SW8081	11/21/15	2	a-Chlordane		ug/Kg	U	3.7	3.7
15 B19 6-8	BK26751	SW8081	11/21/15	2	g-Chlordane		ug/Kg	U	3.7	3.7
15 B19 6-8	BK26751	SW8081	11/21/15	2	Endrin ketone		ug/Kg	U	7.4	7.4
15 B19 6-8	BK26751	SW8081	11/21/15	2	Chlordane		ug/Kg	U	37	37
15 B19 6-8	BK26751	SW8081	11/21/15	2	g-BHC		ug/Kg	U	1.5	1.5
15 B19 6-8	BK26751	SW8081	11/21/15	2	Dieldrin		ug/Kg	U	3.7	3.7
15 B19 6-8	BK26751	SW8081	11/21/15	2	Endrin		ug/Kg	U	7.4	7.4
15 B19 6-8	BK26751	SW8081	11/21/15	2	Methoxychlor		ug/Kg	U	37	37
15 B19 6-8	BK26751	SW8081	11/21/15	2	4,4' -DDD		ug/Kg	U	2.2	2.2
15 B19 6-8	BK26751	SW8081	11/21/15	2	4,4' -DDE		ug/Kg	U	2.2	2.2
15 B19 6-8	BK26751	SW8081	11/21/15	2	Endrin aldehyde		ug/Kg	U	7.4	7.4
15 B19 6-8	BK26751	SW8081	11/21/15	2	Heptachlor		ug/Kg	U	7.4	7.4
15 B19 6-8	BK26751	SW8081	11/21/15	2	Toxaphene		ug/Kg	U	150	150
15 B19 6-8	BK26751	SW8081	11/21/15	2	Endosulfan I		ug/Kg	U	7.4	7.4
15 B19 6-8	BK26751	SW8082	11/21/15	2	PCB-1260		ug/Kg	U	37	37
15 B19 6-8	BK26751	SW8082	11/21/15	2	PCB-1254		ug/Kg	U	37	37
15 B19 6-8	BK26751	SW8082	11/21/15	2	PCB-1268		ug/Kg	U	37	37
15 B19 6-8	BK26751	SW8082	11/21/15	2	PCB-1221		ug/Kg	U	37	37
15 B19 6-8	BK26751	SW8082	11/21/15	2	PCB-1232		ug/Kg	U	37	37
15 B19 6-8	BK26751	SW8082	11/21/15	2	PCB-1248		ug/Kg	U	37	37
15 B19 6-8	BK26751	SW8082	11/21/15	2	PCB-1262		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
15 B19 6-8	BK26751	SW8082	11/21/15	2	PCB-1242		ug/Kg	U	37	37
15 B19 6-8	BK26751	SW8082	11/21/15	2	PCB-1016		ug/Kg	U	37	37
15 B19 6-8	BK26751	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	0.79	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Acrolein		ug/Kg	UJ	2.2	18
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.44	18
15 B19 6-8	BK26751	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	4.4	22
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.2	8.8
15 B19 6-8	BK26751	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.2	8.8
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	35	88
15 B19 6-8	BK26751	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.88	8.8
15 B19 6-8	BK26751	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	4.4	22
15 B19 6-8	BK26751	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.44	4.4



**2401 3RD AVENUE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.88	18
15 B19 6-8	BK26751	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Benzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	1.8	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	4.4	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Carbon Disulfide		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Bromoform		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	18	88
15 B19 6-8	BK26751	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	4.4	26
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	UJ	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Naphthalene		ug/Kg	UJ	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.88	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.44	4.4
15 B19 6-8	BK26751	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.44	4.4



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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
15 B19 6-8	BK26751	SW8260	11/21/15	1	Acetone		ug/Kg	UJ	4.4	44
15 B19 6-8	BK26751	SW8270	11/21/15	1	4-Nitroaniline		ug/Kg	U	120	750
15 B19 6-8	BK26751	SW8270	11/21/15	1	4-Nitrophenol		ug/Kg	U	170	370
15 B19 6-8	BK26751	SW8270	11/21/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	2,4-Dimethylphenol		ug/Kg	U	93	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	4-Chloroaniline		ug/Kg	U	170	300
15 B19 6-8	BK26751	SW8270	11/21/15	1	Phenol		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Pyridine		ug/Kg	UJ	92	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Di-n-octylphthalate		ug/Kg	U	96	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Hexachlorobenzene		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Anthracene		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	2,4-Dichlorophenol		ug/Kg	U	130	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	2,4-Dinitrotoluene		ug/Kg	U	150	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Pyrene		ug/Kg	U	130	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Dimethylphthalate		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Dibenzofuran		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Benzo(ghi)perylene		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Fluoranthene		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Acenaphthylene		ug/Kg	U	100	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Chrysene		ug/Kg	U	130	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Benzo(a)pyrene		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	2,4-Dinitrophenol		ug/Kg	R	260	750
15 B19 6-8	BK26751	SW8270	11/21/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	400	1900
15 B19 6-8	BK26751	SW8270	11/21/15	1	Dibenz(a,h)anthracene		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Benz(a)anthracene		ug/Kg	U	130	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260



**2401 3RD AVENUE
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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
15 B19 6-8	BK26751	SW8270	11/21/15	1	2,6-Dinitrotoluene		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Aniline		ug/Kg	U	300	300
15 B19 6-8	BK26751	SW8270	11/21/15	1	N-Nitrosodimethylamine		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Benzoic acid		ug/Kg	R	750	1900
15 B19 6-8	BK26751	SW8270	11/21/15	1	Hexachloroethane		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Hexachlorocyclopentadiene		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Isophorone		ug/Kg	U	100	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Pentachloronitrobenzene		ug/Kg	U	140	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Acenaphthene		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Diethyl phthalate		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Di-n-butylphthalate		ug/Kg	U	99	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Phenanthrene		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Benzyl butyl phthalate		ug/Kg	U	96	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Fluorene		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Carbazole		ug/Kg	U	280	1900
15 B19 6-8	BK26751	SW8270	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	140	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Pentachlorophenol		ug/Kg	U	140	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	2,4,6-Trichlorophenol		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	2-Nitroaniline		ug/Kg	U	380	750
15 B19 6-8	BK26751	SW8270	11/21/15	1	2-Nitrophenol		ug/Kg	U	240	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Naphthalene		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	2-Methylnaphthalene		ug/Kg	UJ	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	2-Chloronaphthalene		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	750
15 B19 6-8	BK26751	SW8270	11/21/15	1	Benzidine		ug/Kg	UJ	220	750
15 B19 6-8	BK26751	SW8270	11/21/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	2-Chlorophenol		ug/Kg	U	110	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Acetophenone		ug/Kg	U	120	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	Nitrobenzene		ug/Kg	U	130	260
15 B19 6-8	BK26751	SW8270	11/21/15	1	3-Nitroaniline		ug/Kg	U	750	750
15 B19 6-8	BK26751	SW8270	11/21/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260



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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
15 B19 6-8	BK26751	SW9012	11/23/15	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.26	0.52
15 B20 8-10	BK26752	E160.3	11/21/15	1	SOLIDS, PERCENT	86	%			
15 B20 8-10	BK26752	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	0.63	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Acrolein		ug/Kg	U	1.7	14
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.35	14
15 B20 8-10	BK26752	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	3.5	17
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	1.7	7.0
15 B20 8-10	BK26752	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	1.7	7.0
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	28	70
15 B20 8-10	BK26752	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.70	7.0
15 B20 8-10	BK26752	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	3.5	17
15 B20 8-10	BK26752	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.35	3.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.70	14
15 B20 8-10	BK26752	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Benzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	1.4	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	3.5	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Carbon Disulfide	5.4	ug/Kg		0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Bromoform		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	14	70
15 B20 8-10	BK26752	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	3.5	21
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.70	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.35	3.5
15 B20 8-10	BK26752	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.35	3.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B20 8-10	BK26752	SW8260	11/21/15	1	Acetone	10	ug/Kg	J	3.5	35
15 B20 8-10	BK26752	SW8270	11/23/15	1	4-Nitroaniline		ug/Kg	U	130	770
15 B20 8-10	BK26752	SW8270	11/23/15	1	4-Nitrophenol		ug/Kg	U	170	380
15 B20 8-10	BK26752	SW8270	11/23/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	2,4-Dimethylphenol		ug/Kg	U	95	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	1,4-Dichlorobenzene		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	4-Chloroaniline		ug/Kg	UJ	180	310
15 B20 8-10	BK26752	SW8270	11/23/15	1	Phenol		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Pyridine		ug/Kg	U	94	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Di-n-octylphthalate		ug/Kg	U	99	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Hexachlorobenzene		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Anthracene		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	2,4-Dichlorophenol		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	2,4-Dinitrotoluene		ug/Kg	U	150	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	1,2-Diphenylhydrazine		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Pyrene		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Dimethylphthalate		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Dibenzofuran		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Benzo(ghi)perylene		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Fluoranthene		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Acenaphthylene		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Chrysene		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Benzo(a)pyrene		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	2,4-Dinitrophenol		ug/Kg	U	270	770
15 B20 8-10	BK26752	SW8270	11/23/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	410	1900
15 B20 8-10	BK26752	SW8270	11/23/15	1	Dibenz(a,h)anthracene		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	1,3-Dichlorobenzene		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Benz(a)anthracene		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	4-Chloro-3-methylphenol		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
15 B20 8-10	BK26752	SW8270	11/23/15	1	2,6-Dinitrotoluene		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Aniline		ug/Kg	U	310	310
15 B20 8-10	BK26752	SW8270	11/23/15	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Benzoic acid		ug/Kg	UJ	770	1900
15 B20 8-10	BK26752	SW8270	11/23/15	1	Hexachloroethane		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Hexachlorocyclopentadiene		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Isophorone		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Pentachloronitrobenzene		ug/Kg	U	140	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Acenaphthene		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Diethyl phthalate		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Di-n-butylphthalate		ug/Kg	U	100	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Phenanthrene		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Benzyl butyl phthalate		ug/Kg	U	99	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Fluorene		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Carbazole		ug/Kg	U	290	1900
15 B20 8-10	BK26752	SW8270	11/23/15	1	Hexachlorobutadiene		ug/Kg	U	140	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Pentachlorophenol		ug/Kg	U	140	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	2,4,6-Trichlorophenol		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	2-Nitroaniline		ug/Kg	U	390	770
15 B20 8-10	BK26752	SW8270	11/23/15	1	2-Nitrophenol		ug/Kg	U	240	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Naphthalene		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	2-Methylnaphthalene		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	2-Chloronaphthalene		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	770
15 B20 8-10	BK26752	SW8270	11/23/15	1	Benzidine		ug/Kg	U	230	770
15 B20 8-10	BK26752	SW8270	11/23/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	2-Chlorophenol		ug/Kg	U	110	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Acetophenone		ug/Kg	U	120	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	Nitrobenzene		ug/Kg	U	130	270
15 B20 8-10	BK26752	SW8270	11/23/15	1	3-Nitroaniline		ug/Kg	U	770	770
15 B20 8-10	BK26752	SW8270	11/23/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B15 6-8	BK26753	E160.3	11/21/15	1	SOLIDS, PERCENT	83	%			
15 B15 6-8	BK26753	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	0.83	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Acrolein		ug/Kg	U	2.3	19
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.46	19
15 B15 6-8	BK26753	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	4.6	23
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.3	9.3
15 B15 6-8	BK26753	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.3	9.3
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	37	93
15 B15 6-8	BK26753	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.93	9.3
15 B15 6-8	BK26753	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	4.6	23
15 B15 6-8	BK26753	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.93	19



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B15 6-8	BK26753	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Benzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	1.9	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	4.6	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Carbon Disulfide	4.0	ug/Kg	J	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Bromoform		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	19	93
15 B15 6-8	BK26753	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	4.6	28
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.93	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.46	4.6
15 B15 6-8	BK26753	SW8260	11/21/15	1	Acetone	18	ug/Kg	J	4.6	46



**2401 3RD AVENUE
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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
15 B15 6-8	BK26753	SW8270	11/23/15	1	4-Nitroaniline		ug/Kg	U	130	800
15 B15 6-8	BK26753	SW8270	11/23/15	1	4-Nitrophenol		ug/Kg	U	180	400
15 B15 6-8	BK26753	SW8270	11/23/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	2,4-Dimethylphenol		ug/Kg	U	99	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	1,4-Dichlorobenzene		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	4-Chloroaniline		ug/Kg	UJ	190	320
15 B15 6-8	BK26753	SW8270	11/23/15	1	Phenol		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Pyridine		ug/Kg	U	98	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Di-n-octylphthalate		ug/Kg	U	100	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Hexachlorobenzene		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Anthracene		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	2,4-Dichlorophenol		ug/Kg	U	140	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	2,4-Dinitrotoluene		ug/Kg	U	160	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Pyrene		ug/Kg	U	140	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Dimethylphthalate		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Dibenzofuran		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Fluoranthene		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Acenaphthylene		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Chrysene		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Benzo(a)pyrene		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	2,4-Dinitrophenol		ug/Kg	U	280	800
15 B15 6-8	BK26753	SW8270	11/23/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	430	2000
15 B15 6-8	BK26753	SW8270	11/23/15	1	Dibenz(a,h)anthracene		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	1,3-Dichlorobenzene		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Benz(a)anthracene		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	2,6-Dinitrotoluene		ug/Kg	U	130	280



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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
15 B15 6-8	BK26753	SW8270	11/23/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Aniline		ug/Kg	U	320	320
15 B15 6-8	BK26753	SW8270	11/23/15	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Benzoic acid		ug/Kg	UJ	800	2000
15 B15 6-8	BK26753	SW8270	11/23/15	1	Hexachloroethane		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Hexachlorocyclopentadiene		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Isophorone		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Acenaphthene		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Diethyl phthalate		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Di-n-butylphthalate		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Phenanthrene		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Fluorene		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Carbazole		ug/Kg	U	300	2000
15 B15 6-8	BK26753	SW8270	11/23/15	1	Hexachlorobutadiene		ug/Kg	U	140	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Pentachlorophenol		ug/Kg	U	150	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	2,4,6-Trichlorophenol		ug/Kg	U	130	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	2-Nitroaniline		ug/Kg	U	400	800
15 B15 6-8	BK26753	SW8270	11/23/15	1	2-Nitrophenol		ug/Kg	U	250	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Naphthalene		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	2-Methylnaphthalene		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	2-Chloronaphthalene		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	800
15 B15 6-8	BK26753	SW8270	11/23/15	1	Benzidine		ug/Kg	U	230	800
15 B15 6-8	BK26753	SW8270	11/23/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	1,2-Dichlorobenzene		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	2-Chlorophenol		ug/Kg	U	110	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Acetophenone		ug/Kg	U	120	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	Nitrobenzene		ug/Kg	U	140	280
15 B15 6-8	BK26753	SW8270	11/23/15	1	3-Nitroaniline		ug/Kg	U	800	800
15 B15 6-8	BK26753	SW8270	11/23/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15 B23 2-4	BK26754	E160.3	11/21/15	1	SOLIDS, PERCENT	90	%			



**2401 3RD AVENUE
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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
15 B23 2-4	BK26754	SW6010	11/23/15	10	Aluminum	5950	mg/Kg		7.5	38
15 B23 2-4	BK26754	SW6010	11/23/15	10	Lead	155	mg/Kg		3.8	7.5
15 B23 2-4	BK26754	SW6010	11/23/15	10	Manganese	853	mg/Kg		3.8	3.8
15 B23 2-4	BK26754	SW6010	11/23/15	100	Iron	122000	mg/Kg		380	380
15 B23 2-4	BK26754	SW6010	11/24/15	1	Magnesium	1580	mg/Kg		3.8	3.8
15 B23 2-4	BK26754	SW6010	11/24/15	1	Nickel	24.9	mg/Kg		0.38	0.38
15 B23 2-4	BK26754	SW6010	11/24/15	1	Potassium	674	mg/Kg	J+	2.9	8
15 B23 2-4	BK26754	SW6010	11/24/15	1	Silver		mg/Kg	U	0.38	0.38
15 B23 2-4	BK26754	SW6010	11/24/15	1	Sodium	165	mg/Kg		3.2	8
15 B23 2-4	BK26754	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.5	1.5
15 B23 2-4	BK26754	SW6010	11/24/15	1	Antimony		mg/Kg	U	1.9	1.9
15 B23 2-4	BK26754	SW6010	11/24/15	1	Arsenic	9.2	mg/Kg		0.75	0.8
15 B23 2-4	BK26754	SW6010	11/24/15	1	Barium	35.8	mg/Kg		0.38	0.8
15 B23 2-4	BK26754	SW6010	11/24/15	1	Beryllium	0.27	mg/Kg	J	0.15	0.30
15 B23 2-4	BK26754	SW6010	11/24/15	1	Cadmium	2.54	mg/Kg		0.15	0.38
15 B23 2-4	BK26754	SW6010	11/24/15	1	Chromium	22.7	mg/Kg		0.38	0.38
15 B23 2-4	BK26754	SW6010	11/24/15	1	Cobalt	21.1	mg/Kg		0.38	0.38
15 B23 2-4	BK26754	SW6010	11/24/15	1	Copper	13.6	mg/Kg		0.38	0.38
15 B23 2-4	BK26754	SW6010	11/24/15	1	Vanadium	66.1	mg/Kg		0.38	0.4
15 B23 2-4	BK26754	SW6010	11/24/15	1	Calcium	2490	mg/Kg		3.5	3.8
15 B23 2-4	BK26754	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.3	1.5
15 B23 2-4	BK26754	SW6010	11/24/15	1	Zinc	22.9	mg/Kg		0.38	0.8
15 B23 2-4	BK26754	SW7471	11/23/15	1	Mercury		mg/Kg	U	0.02	0.03
15 B23 2-4	BK26754	SW8081	11/23/15	2	Heptachlor epoxide		ug/Kg	U	7.3	7.3
15 B23 2-4	BK26754	SW8081	11/23/15	2	Endosulfan sulfate		ug/Kg	U	7.3	7.3
15 B23 2-4	BK26754	SW8081	11/23/15	2	Aldrin		ug/Kg	U	3.7	3.7
15 B23 2-4	BK26754	SW8081	11/23/15	2	a-BHC		ug/Kg	U	7.3	7.3
15 B23 2-4	BK26754	SW8081	11/23/15	2	b-BHC		ug/Kg	U	7.3	7.3
15 B23 2-4	BK26754	SW8081	11/23/15	2	d-BHC		ug/Kg	U	7.3	7.3
15 B23 2-4	BK26754	SW8081	11/23/15	2	Endosulfan II		ug/Kg	U	7.3	7.3
15 B23 2-4	BK26754	SW8081	11/23/15	2	4,4' -DDT		ug/Kg	U	2.2	2.2
15 B23 2-4	BK26754	SW8081	11/23/15	2	a-Chlordane		ug/Kg	U	3.7	3.7
15 B23 2-4	BK26754	SW8081	11/23/15	2	g-Chlordane		ug/Kg	U	3.7	3.7
15 B23 2-4	BK26754	SW8081	11/23/15	2	Endrin ketone		ug/Kg	U	7.3	7.3
15 B23 2-4	BK26754	SW8081	11/23/15	2	Chlordane		ug/Kg	U	37	37
15 B23 2-4	BK26754	SW8081	11/23/15	2	g-BHC		ug/Kg	U	1.5	1.5
15 B23 2-4	BK26754	SW8081	11/23/15	2	Dieldrin		ug/Kg	U	3.7	3.7



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B23 2-4	BK26754	SW8081	11/23/15	2	Endrin		ug/Kg	U	7.3	7.3
15 B23 2-4	BK26754	SW8081	11/23/15	2	Methoxychlor		ug/Kg	U	37	37
15 B23 2-4	BK26754	SW8081	11/23/15	2	4,4' -DDD		ug/Kg	U	2.2	2.2
15 B23 2-4	BK26754	SW8081	11/23/15	2	4,4' -DDE		ug/Kg	U	2.2	2.2
15 B23 2-4	BK26754	SW8081	11/23/15	2	Endrin aldehyde		ug/Kg	U	7.3	7.3
15 B23 2-4	BK26754	SW8081	11/23/15	2	Heptachlor		ug/Kg	U	7.3	7.3
15 B23 2-4	BK26754	SW8081	11/23/15	2	Toxaphene		ug/Kg	U	150	150
15 B23 2-4	BK26754	SW8081	11/23/15	2	Endosulfan I		ug/Kg	U	7.3	7.3
15 B23 2-4	BK26754	SW8082	11/23/15	2	PCB-1260		ug/Kg	U	37	37
15 B23 2-4	BK26754	SW8082	11/23/15	2	PCB-1254		ug/Kg	U	37	37
15 B23 2-4	BK26754	SW8082	11/23/15	2	PCB-1268		ug/Kg	U	37	37
15 B23 2-4	BK26754	SW8082	11/23/15	2	PCB-1221		ug/Kg	U	37	37
15 B23 2-4	BK26754	SW8082	11/23/15	2	PCB-1232		ug/Kg	U	37	37
15 B23 2-4	BK26754	SW8082	11/23/15	2	PCB-1248		ug/Kg	U	37	37
15 B23 2-4	BK26754	SW8082	11/23/15	2	PCB-1262		ug/Kg	U	37	37
15 B23 2-4	BK26754	SW8082	11/23/15	2	PCB-1242		ug/Kg	U	37	37
15 B23 2-4	BK26754	SW8082	11/23/15	2	PCB-1016		ug/Kg	U	37	37
15 B23 2-4	BK26754	SW8260	11/21/15	50	Ethylbenzene	67	ug/Kg	J	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Styrene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	cis-1,3-Dichloropropene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	trans-1,3-Dichloropropene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	n-Propylbenzene		ug/Kg	U	41	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	n-Butylbenzene	29	ug/Kg	J	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	4-Chlorotoluene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,4-Dichlorobenzene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,2-Dibromoethane		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Acrolein		ug/Kg	U	110	910
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,2-Dichloroethane		ug/Kg	U	20	20
15 B23 2-4	BK26754	SW8260	11/21/15	50	Acrylonitrile		ug/Kg	U	23	910
15 B23 2-4	BK26754	SW8260	11/21/15	50	4-Methyl-2-pentanone		ug/Kg	U	230	1100
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,3,5-Trimethylbenzene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Bromobenzene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Toluene	60	ug/Kg	J	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Chlorobenzene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Tetrahydrofuran (THF)		ug/Kg	U	110	450
15 B23 2-4	BK26754	SW8260	11/21/15	50	trans-1,4-dichloro-2-butene		ug/Kg	U	110	450
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,2,4-Trichlorobenzene		ug/Kg	U	45	230



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SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,4-dioxane		ug/Kg	U	1800	1800
15 B23 2-4	BK26754	SW8260	11/21/15	50	Dibromochloromethane		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Tetrachloroethene		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	sec-Butylbenzene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,3-Dichloropropane		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	cis-1,2-Dichloroethene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	trans-1,2-Dichloroethene		ug/Kg	U	23	190
15 B23 2-4	BK26754	SW8260	11/21/15	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	45	450
15 B23 2-4	BK26754	SW8260	11/21/15	50	m&p-Xylene	58	ug/Kg	J	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	2-Isopropyltoluene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,3-Dichlorobenzene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Carbon tetrachloride		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,1-Dichloropropene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	2-Hexanone		ug/Kg	U	230	1100
15 B23 2-4	BK26754	SW8260	11/21/15	50	2,2-Dichloropropane		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Chloroform		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Benzene	29	ug/Kg	J	23	59
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,1,1-Trichloroethane		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Bromomethane		ug/Kg	U	91	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Chloromethane	120	ug/Kg	J	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Dibromomethane		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Bromochloromethane		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Chloroethane		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Vinyl chloride		ug/Kg	U	20	20
15 B23 2-4	BK26754	SW8260	11/21/15	50	Methylene chloride		ug/Kg	U	230	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Carbon Disulfide		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Bromoform		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Bromodichloromethane		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,1-Dichloroethane		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,1-Dichloroethene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Tert-butyl alcohol		ug/Kg	U	910	4500
15 B23 2-4	BK26754	SW8260	11/21/15	50	Trichlorofluoromethane		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Dichlorodifluoromethane		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Trichlorotrifluoroethane		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,2-Dichloropropane		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Methyl Ethyl Ketone		ug/Kg	U	230	230



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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
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,1,2-Trichloroethane		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Trichloroethene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,2,3-Trichlorobenzene		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Hexachlorobutadiene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Naphthalene		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	o-Xylene		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	2-Chlorotoluene		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,2-Dichlorobenzene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,2,4-Trimethylbenzene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	45	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	1,2,3-Trichloropropane		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	tert-Butylbenzene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Isopropylbenzene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	p-Isopropyltoluene		ug/Kg	U	23	230
15 B23 2-4	BK26754	SW8260	11/21/15	50	Acetone	510	ug/Kg	J	230	2300
15 B23 2-4	BK26754	SW8270	11/23/15	2	4-Nitroaniline		ug/Kg	U	1200	7200
15 B23 2-4	BK26754	SW8270	11/23/15	2	4-Nitrophenol		ug/Kg	U	1600	3600
15 B23 2-4	BK26754	SW8270	11/23/15	2	4-Bromophenyl phenyl ether		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	2,4-Dimethylphenol		ug/Kg	U	890	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	1,4-Dichlorobenzene		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	4-Chloroaniline		ug/Kg	UJ	1700	2900
15 B23 2-4	BK26754	SW8270	11/23/15	2	Phenol		ug/Kg	U	720	720
15 B23 2-4	BK26754	SW8270	11/23/15	2	Pyridine		ug/Kg	U	890	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Bis(2-chloroethyl)ether		ug/Kg	U	970	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Bis(2-chloroethoxy)methane		ug/Kg	U	990	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Bis(2-ethylhexyl)phthalate		ug/Kg	U	1000	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Di-n-octylphthalate		ug/Kg	U	930	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Hexachlorobenzene		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Anthracene		ug/Kg	U	1200	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	1,2,4-Trichlorobenzene		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	2,4-Dichlorophenol		ug/Kg	U	1300	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	2,4-Dinitrotoluene		ug/Kg	U	1400	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	1,2-Diphenylhydrazine		ug/Kg	U	1200	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Pyrene	2100	ug/Kg	J	1200	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Dimethylphthalate		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Dibenzofuran		ug/Kg	U	1100	2500



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B23 2-4	BK26754	SW8270	11/23/15	2	Benzo(ghi)perylene		ug/Kg	U	1200	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Indeno(1,2,3-cd)pyrene		ug/Kg	U	720	720
15 B23 2-4	BK26754	SW8270	11/23/15	2	Benzo(b)fluoranthene		ug/Kg	U	1000	1000
15 B23 2-4	BK26754	SW8270	11/23/15	2	Fluoranthene	2200	ug/Kg	J	1200	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Benzo(k)fluoranthene	730	ug/Kg		720	720
15 B23 2-4	BK26754	SW8270	11/23/15	2	Acenaphthylene		ug/Kg	U	1000	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Chrysene	1200	ug/Kg		1100	1100
15 B23 2-4	BK26754	SW8270	11/23/15	2	Bis(2-chloroisopropyl)ether		ug/Kg	U	1000	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Benzo(a)pyrene		ug/Kg	U	1000	1000
15 B23 2-4	BK26754	SW8270	11/23/15	2	2,4-Dinitrophenol		ug/Kg	U	2500	7200
15 B23 2-4	BK26754	SW8270	11/23/15	2	4,6-Dinitro-2-methylphenol		ug/Kg	U	3900	18000
15 B23 2-4	BK26754	SW8270	11/23/15	2	Dibenz(a,h)anthracene		ug/Kg	U	720	720
15 B23 2-4	BK26754	SW8270	11/23/15	2	1,3-Dichlorobenzene		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Benz(a)anthracene	1300	ug/Kg	J	1200	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	4-Chloro-3-methylphenol		ug/Kg	U	1300	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	2,6-Dinitrotoluene		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	N-Nitrosodi-n-propylamine		ug/Kg	U	1200	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Aniline		ug/Kg	U	2900	2900
15 B23 2-4	BK26754	SW8270	11/23/15	2	N-Nitrosodimethylamine		ug/Kg	U	1000	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Benzoic acid		ug/Kg	UJ	7200	18000
15 B23 2-4	BK26754	SW8270	11/23/15	2	Hexachloroethane		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	4-Chlorophenyl phenyl ether		ug/Kg	U	1200	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Hexachlorocyclopentadiene		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Isophorone		ug/Kg	U	1000	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Pentachloronitrobenzene		ug/Kg	U	1300	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Acenaphthene		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Diethyl phthalate		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Di-n-butylphthalate		ug/Kg	U	960	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Phenanthrene	3000	ug/Kg		1000	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Benzyl butyl phthalate		ug/Kg	U	930	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	N-Nitrosodiphenylamine		ug/Kg	U	1400	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Fluorene		ug/Kg	U	1200	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Carbazole		ug/Kg	U	2700	18000
15 B23 2-4	BK26754	SW8270	11/23/15	2	Hexachlorobutadiene		ug/Kg	U	1300	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Pentachlorophenol		ug/Kg	U	720	720
15 B23 2-4	BK26754	SW8270	11/23/15	2	2,4,6-Trichlorophenol		ug/Kg	U	1200	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	2-Nitroaniline		ug/Kg	U	3600	7200



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B23 2-4	BK26754	SW8270	11/23/15	2	2-Nitrophenol		ug/Kg	U	2300	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Naphthalene		ug/Kg	U	1000	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	2-Methylnaphthalene		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	2-Chloronaphthalene		ug/Kg	U	1000	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	3,3'-Dichlorobenzidine		ug/Kg	U	1700	7200
15 B23 2-4	BK26754	SW8270	11/23/15	2	Benzidine		ug/Kg	U	2100	7200
15 B23 2-4	BK26754	SW8270	11/23/15	2	2-Methylphenol (o-cresol)		ug/Kg	U	720	720
15 B23 2-4	BK26754	SW8270	11/23/15	2	1,2-Dichlorobenzene		ug/Kg	U	1000	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	2-Chlorophenol		ug/Kg	U	1000	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	1300	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	2,4,5-Trichlorophenol		ug/Kg	U	2000	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Acetophenone		ug/Kg	U	1100	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	Nitrobenzene		ug/Kg	U	1300	2500
15 B23 2-4	BK26754	SW8270	11/23/15	2	3-Nitroaniline		ug/Kg	U	7200	7200
15 B23 2-4	BK26754	SW8270	11/23/15	2	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	1400	2500
15 B23 2-4	BK26754	SW9012	11/23/15	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.25	0.51
15 B23 6-8	BK26755	E160.3	11/21/15	1	SOLIDS, PERCENT	66	%			
15 B23 6-8	BK26755	SW6010	11/23/15	10	Aluminum	17100	mg/Kg		9.7	49
15 B23 6-8	BK26755	SW6010	11/23/15	10	Iron	33000	mg/Kg		49	49
15 B23 6-8	BK26755	SW6010	11/23/15	10	Magnesium	9100	mg/Kg		49	49
15 B23 6-8	BK26755	SW6010	11/23/15	10	Manganese	407	mg/Kg		4.9	4.9
15 B23 6-8	BK26755	SW6010	11/23/15	10	Potassium	4990	mg/Kg	J+	38	97
15 B23 6-8	BK26755	SW6010	11/24/15	1	Lead	18.0	mg/Kg		0.49	1.0
15 B23 6-8	BK26755	SW6010	11/24/15	1	Nickel	23.8	mg/Kg		0.49	0.49
15 B23 6-8	BK26755	SW6010	11/24/15	1	Silver		mg/Kg	U	0.49	0.49
15 B23 6-8	BK26755	SW6010	11/24/15	1	Sodium	2460	mg/Kg		4.2	10
15 B23 6-8	BK26755	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.9	1.9
15 B23 6-8	BK26755	SW6010	11/24/15	1	Antimony		mg/Kg	U	2.4	2.4
15 B23 6-8	BK26755	SW6010	11/24/15	1	Arsenic	8.7	mg/Kg		0.97	1.0
15 B23 6-8	BK26755	SW6010	11/24/15	1	Barium	57.5	mg/Kg		0.49	1.0
15 B23 6-8	BK26755	SW6010	11/24/15	1	Beryllium	0.79	mg/Kg		0.19	0.39
15 B23 6-8	BK26755	SW6010	11/24/15	1	Cadmium	0.35	mg/Kg	J	0.19	0.49
15 B23 6-8	BK26755	SW6010	11/24/15	1	Chromium	35.4	mg/Kg		0.49	0.49
15 B23 6-8	BK26755	SW6010	11/24/15	1	Cobalt	12.0	mg/Kg		0.49	0.49
15 B23 6-8	BK26755	SW6010	11/24/15	1	Copper	14.3	mg/Kg		0.49	0.49
15 B23 6-8	BK26755	SW6010	11/24/15	1	Vanadium	42.7	mg/Kg		0.49	0.5
15 B23 6-8	BK26755	SW6010	11/24/15	1	Calcium	6830	mg/Kg		4.5	4.9



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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
15 B23 6-8	BK26755	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.7	1.9
15 B23 6-8	BK26755	SW6010	11/24/15	1	Zinc	69.5	mg/Kg		0.49	1.0
15 B23 6-8	BK26755	SW7471	11/23/15	1	Mercury	0.03	mg/Kg	J	0.02	0.04
15 B23 6-8	BK26755	SW8081	11/21/15	2	Heptachlor epoxide		ug/Kg	U	9.9	9.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	Endosulfan sulfate		ug/Kg	U	9.9	9.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	Aldrin		ug/Kg	U	4.9	4.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	a-BHC		ug/Kg	U	9.9	9.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	b-BHC		ug/Kg	U	9.9	9.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	d-BHC		ug/Kg	U	9.9	9.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	Endosulfan II		ug/Kg	U	9.9	9.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	4,4' -DDT		ug/Kg	U	3.0	3.0
15 B23 6-8	BK26755	SW8081	11/21/15	2	a-Chlordane		ug/Kg	U	4.9	4.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	g-Chlordane		ug/Kg	U	4.9	4.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	Endrin ketone		ug/Kg	U	9.9	9.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	Chlordane		ug/Kg	U	49	49
15 B23 6-8	BK26755	SW8081	11/21/15	2	g-BHC		ug/Kg	U	2.0	2.0
15 B23 6-8	BK26755	SW8081	11/21/15	2	Dieldrin		ug/Kg	U	4.9	4.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	Endrin		ug/Kg	U	9.9	9.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	Methoxychlor		ug/Kg	U	49	49
15 B23 6-8	BK26755	SW8081	11/21/15	2	4,4' -DDD		ug/Kg	U	3.0	3.0
15 B23 6-8	BK26755	SW8081	11/21/15	2	4,4' -DDE		ug/Kg	U	3.0	3.0
15 B23 6-8	BK26755	SW8081	11/21/15	2	Endrin aldehyde		ug/Kg	U	9.9	9.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	Heptachlor		ug/Kg	U	9.9	9.9
15 B23 6-8	BK26755	SW8081	11/21/15	2	Toxaphene		ug/Kg	U	200	200
15 B23 6-8	BK26755	SW8081	11/21/15	2	Endosulfan I		ug/Kg	U	9.9	9.9
15 B23 6-8	BK26755	SW8082	11/21/15	2	PCB-1260		ug/Kg	U	49	49
15 B23 6-8	BK26755	SW8082	11/21/15	2	PCB-1254		ug/Kg	U	49	49
15 B23 6-8	BK26755	SW8082	11/21/15	2	PCB-1268		ug/Kg	U	49	49
15 B23 6-8	BK26755	SW8082	11/21/15	2	PCB-1221		ug/Kg	U	49	49
15 B23 6-8	BK26755	SW8082	11/21/15	2	PCB-1232		ug/Kg	U	49	49
15 B23 6-8	BK26755	SW8082	11/21/15	2	PCB-1248		ug/Kg	U	49	49
15 B23 6-8	BK26755	SW8082	11/21/15	2	PCB-1262		ug/Kg	U	49	49
15 B23 6-8	BK26755	SW8082	11/21/15	2	PCB-1242		ug/Kg	U	49	49
15 B23 6-8	BK26755	SW8082	11/21/15	2	PCB-1016		ug/Kg	U	49	49
15 B23 6-8	BK26755	SW8260	11/21/15	1	Ethylbenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Styrene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.73	7.3



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B23 6-8	BK26755	SW8260	11/21/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	n-Propylbenzene		ug/Kg	U	1.3	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	n-Butylbenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	4-Chlorotoluene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,2-Dibromoethane		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Acrolein		ug/Kg	U	3.6	29
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,2-Dichloroethane		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Acrylonitrile		ug/Kg	U	0.73	29
15 B23 6-8	BK26755	SW8260	11/21/15	1	4-Methyl-2-pentanone		ug/Kg	U	7.3	36
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Bromobenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Toluene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Chlorobenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Tetrahydrofuran (THF)		ug/Kg	U	3.6	15
15 B23 6-8	BK26755	SW8260	11/21/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	3.6	15
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,4-dioxane		ug/Kg	U	58	100
15 B23 6-8	BK26755	SW8260	11/21/15	1	Dibromochloromethane		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Tetrachloroethene		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	sec-Butylbenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,3-Dichloropropane		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.5	15
15 B23 6-8	BK26755	SW8260	11/21/15	1	m&p-Xylene		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	2-Isopropyltoluene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Carbon tetrachloride		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,1-Dichloropropene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	2-Hexanone		ug/Kg	U	7.3	36
15 B23 6-8	BK26755	SW8260	11/21/15	1	2,2-Dichloropropane		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.5	29
15 B23 6-8	BK26755	SW8260	11/21/15	1	Chloroform		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Benzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Bromomethane		ug/Kg	U	2.9	7.3



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B23 6-8	BK26755	SW8260	11/21/15	1	Chloromethane		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Dibromomethane		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Bromochloromethane		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Chloroethane		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Vinyl chloride		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Methylene chloride		ug/Kg	U	7.3	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Carbon Disulfide	6.2	ug/Kg	J	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Bromoform		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Bromodichloromethane		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,1-Dichloroethane		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,1-Dichloroethene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Tert-butyl alcohol		ug/Kg	U	29	150
15 B23 6-8	BK26755	SW8260	11/21/15	1	Trichlorofluoromethane		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Dichlorodifluoromethane		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,2-Dichloropropane		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Methyl Ethyl Ketone		ug/Kg	U	7.3	44
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Trichloroethene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Naphthalene		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	o-Xylene		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	2-Chlorotoluene		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.5	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	tert-Butylbenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Isopropylbenzene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	p-Isopropyltoluene		ug/Kg	U	0.73	7.3
15 B23 6-8	BK26755	SW8260	11/21/15	1	Acetone	23	ug/Kg	J	7.3	50
15 B23 6-8	BK26755	SW8270	11/21/15	1	4-Nitroaniline		ug/Kg	U	170	990
15 B23 6-8	BK26755	SW8270	11/21/15	1	4-Nitrophenol		ug/Kg	U	220	500
15 B23 6-8	BK26755	SW8270	11/21/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	150	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	2,4-Dimethylphenol		ug/Kg	U	120	350



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B23 6-8	BK26755	SW8270	11/21/15	1	1,4-Dichlorobenzene		ug/Kg	U	150	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	4-Chloroaniline		ug/Kg	U	230	400
15 B23 6-8	BK26755	SW8270	11/21/15	1	Phenol		ug/Kg	U	160	330
15 B23 6-8	BK26755	SW8270	11/21/15	1	Pyridine		ug/Kg	UJ	120	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	130	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Di-n-octylphthalate		ug/Kg	U	130	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Hexachlorobenzene		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Anthracene		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	150	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	2,4-Dichlorophenol		ug/Kg	U	170	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	2,4-Dinitrotoluene		ug/Kg	U	200	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	1,2-Diphenylhydrazine		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Pyrene		ug/Kg	U	170	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Dimethylphthalate		ug/Kg	U	150	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Dibenzofuran		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Benzo(ghi)perylene		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Benzo(b)fluoranthene		ug/Kg	U	170	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Fluoranthene		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Benzo(k)fluoranthene		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Acenaphthylene		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Chrysene		ug/Kg	U	170	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Benzo(a)pyrene		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	2,4-Dinitrophenol		ug/Kg	R	350	990
15 B23 6-8	BK26755	SW8270	11/21/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	U	530	2500
15 B23 6-8	BK26755	SW8270	11/21/15	1	Dibenz(a,h)anthracene		ug/Kg	U	160	330
15 B23 6-8	BK26755	SW8270	11/21/15	1	1,3-Dichlorobenzene		ug/Kg	U	150	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Benz(a)anthracene		ug/Kg	U	170	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	4-Chloro-3-methylphenol		ug/Kg	U	170	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	2,6-Dinitrotoluene		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Aniline		ug/Kg	U	400	400
15 B23 6-8	BK26755	SW8270	11/21/15	1	N-Nitrosodimethylamine		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Benzoic acid		ug/Kg	R	990	2500



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK26739**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B23 6-8	BK26755	SW8270	11/21/15	1	Hexachloroethane		ug/Kg	U	150	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	170	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Hexachlorocyclopentadiene		ug/Kg	U	150	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Isophorone		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Pentachloronitrobenzene		ug/Kg	U	180	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Acenaphthene		ug/Kg	U	150	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Diethyl phthalate		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Di-n-butylphthalate		ug/Kg	U	130	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Phenanthrene		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Benzyl butyl phthalate		ug/Kg	U	130	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	N-Nitrosodiphenylamine		ug/Kg	U	190	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Fluorene		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Carbazole		ug/Kg	U	380	2500
15 B23 6-8	BK26755	SW8270	11/21/15	1	Hexachlorobutadiene		ug/Kg	U	180	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Pentachlorophenol		ug/Kg	U	190	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	2,4,6-Trichlorophenol		ug/Kg	U	160	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	2-Nitroaniline		ug/Kg	U	500	990
15 B23 6-8	BK26755	SW8270	11/21/15	1	2-Nitrophenol		ug/Kg	U	310	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Naphthalene		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	2-Methylnaphthalene		ug/Kg	UJ	150	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	2-Chloronaphthalene		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	230	990
15 B23 6-8	BK26755	SW8270	11/21/15	1	Benzidine		ug/Kg	UJ	290	990
15 B23 6-8	BK26755	SW8270	11/21/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	230	330
15 B23 6-8	BK26755	SW8270	11/21/15	1	1,2-Dichlorobenzene		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	2-Chlorophenol		ug/Kg	U	140	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	170	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	2,4,5-Trichlorophenol		ug/Kg	U	270	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Acetophenone		ug/Kg	U	150	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	Nitrobenzene		ug/Kg	U	170	350
15 B23 6-8	BK26755	SW8270	11/21/15	1	3-Nitroaniline		ug/Kg	U	990	990
15 B23 6-8	BK26755	SW8270	11/21/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	200	350
15 B23 6-8	BK26755	SW9012	11/23/15	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.38	0.76

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK28661
Client: Environmental Business Consultants
Date: 1/27/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for ten (10) soil samples analyzed for Semi-volatiles by SW-846 Method 8270D in accordance with the NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/24/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/25/2015 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 B1 0-2	BK28661	11/24/15	SVO	Soil	
15 B1 5-7	BK28662	11/24/15	SVO	Soil	
15 B2 6-8	BK28663	11/24/15	SVO	Soil	
15 B3 0-2	BK28664	11/24/15	SVO	Soil	
15 B3 5-7	BK28665	11/24/15	SVO	Soil	
15 B3 13-15	BK28666	11/24/15	SVO	Soil	
15 B4 0-2	BK28667	11/24/15	SVO	Soil	
15 B4 6-8	BK28668	11/24/15	SVO	Soil	
15 B4 10-12	BK28669	11/24/15	SVO	Soil	
15 B5 6-8	BK28670	11/24/15	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 11/23/2015 (CHEM12) 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.

- Initial calibration curve analyzed on 11/11/2015 (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) with the following exception(s):

Compound	Ave RRF	%RSD
Benzoic Acid	A	21.8

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B1 0-2	BK28661	Benzoic Acid	UJ
15 B3 13-15	BK28666	Benzoic Acid	UJ

Continuing Calibration Verification (CCV):

- CCV analyzed on 11/25/2015 @ 23:33 (CHEM12) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.
- CCV analyzed on 11/26/2015 @ 08:53 (CHEM12) 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	88.4
2,4-Dinitrophenol	95.5
4,6-Dinitro-2-methylphenol	93.0

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B1 5-7	BK28662	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15 B2 6-8	BK28663	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15 B3 0-2	BK28664	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15 B3 5-7	BK28665	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15 B4 0-2	BK28667	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15 B4 6-8	BK28668	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B4 10-12	BK28669	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15 B5 6-8	BK28670	Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ

(1) Results for this compound were qualified as rejected due to low LCS recovery.

3. CCV analyzed on 11/25/2015 @ 23:33 (CHEM12) 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	-26.3
Benzoic Acid	-73.3
3,3'-Dichlorobenzidine	22.5

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B1 0-2	BK28661	Bis(2-chloroisopropyl)ether, Benzoic Acid, 3,3'-Dichlorobenzidine	UJ
15 B3 13-15	BK28666	Bis(2-chloroisopropyl)ether, Benzoic Acid, 3,3'-Dichlorobenzidine	UJ

4. CCV analyzed on 11/26/2015 @ 08:53 (CHEM12) 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	-64.0
Hexachlorocyclopentadiene	76.9
2,4-Dinitrophenol	77.8
4,6-Dinitro-2-methylphenol	62.9

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B1 0-2	BK28661	Benzoic Acid, Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ
15 B3 13-15	BK28666	Benzoic Acid, Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol	UJ

(1) Results for this compound were qualified as rejected due to low LCS recovery.

Surrogates:

1. Surrogate %REC values were within the QC acceptance limits. No qualifications were required.

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 (BK28676 BLANK) associated with the soil samples extracted on 11/25/2015 and analyzed on 11/25/2015.

Laboratory Sample ID	Compound	Results (µg/Kg)	Action Level (PQL) (µg/Kg)	Sample Affected	Action
BLANK BK28676	Di-n-butylphthalate	110	230	15 B1 0-2	None
				15 B1 5-7	None
				15 B2 6-8	U
				15 B3 0-2	U
				15 B3 5-7	U
				15 B3 13-15	None
				15 B4 0-2	None
				15 B4 6-8	None
				15 B4 10-12	U
				15 B5 6-8	None

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) associated with Batch ID: BK28676 were analyzed on 11/25/2015. 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 B1 0-2, 15 B1 5-7, 15 B2 6-8, 15 B3 0-2, 15 B3 5-7, 15 B3 13-15, 15 B4 0-2, 15 B4 6-8, 15 B4 10-12, 15 B5 6-8	R
2,4-Dinitrophenol	8/9/A	15 B1 0-2, 15 B1 5-7, 15 B2 6-8, 15 B3 0-2, 15 B3 5-7, 15 B3 13-15, 15 B4 0-2, 15 B4 6-8, 15 B4 10-12, 15 B5 6-8	R

Compound	%R/%R/RPD	Sample Affected	Action
4,6-Dinitro-2-methylphenol	26/A/A	15 B1 0-2, 15 B1 5-7, 15 B2 6-8, 15 B3 0-2, 15 B3 5-7, 15 B3 13-15, 15 B4 0-2, 15 B4 6-8, 15 B4 10-12, 15 B5 6-8	UJ

A= Acceptable NC=Not calculated

Field Duplicate:

1. A field duplicate pair was not submitted with this SDG.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

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

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

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

C_x = concentration of analyte as ug/kg

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

VE= final volume of concentrated extract

Sample: LCS (BK28676)

Pyrene

Sample weight= 15g

Volume purged=1.0ml

DF = 1

%Solids=NA

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{2940158 \times 40 \times 1 \times 1000}{2377959 \times 1.175 \times 15} = 2806.061 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Pyrene	2806	2806	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: GBK28661.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK28661.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK28661
Client: Environmental Business Consultants
Date: 01/27/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for ten (10) 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 11/24/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/25/2015 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 B1 0-2	BK28661	11/24/15	VOA	Soil	
15 B1 5-7	BK28662	11/24/15	VOA	Soil	
15 B2 6-8	BK28663	11/24/15	VOA	Soil	
15 B3 0-2	BK28664	11/24/15	VOA	Soil	
15 B3 5-7	BK28665	11/24/15	VOA	Soil	
15 B3 13-15	BK28666	11/24/15	VOA	Soil	
15 B4 0-2	BK28667	11/24/15	VOA	Soil	
15 B4 6-8	BK28668	11/24/15	VOA	Soil	
15 B4 10-12	BK28669	11/24/15	VOA	Soil	
15 B5 6-8	BK28670	11/24/15	VOA	Soil	

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within 14 days from sample collection. No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/22/2015 (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
Acrolein	0.044	A
Acetone	A	20.5
Methyl Ethyl Ketone	A	23.0
Naphthalene	A	21.3

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B1 0-2	BK28661	Naphthalene Acetone, Acrolein, Methyl Ethyl Ketone,	J UJ
15 B3 0-2	BK28664	Naphthalene Acetone, Acrolein, Methyl Ethyl Ketone,	J UJ

2. Initial calibration curve analyzed on 11/26/2015 (Chem14) 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	26.8

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B1 5-7	BK28662	Acetone	J
15 B2 6-8	BK28663	Acetone	UJ
15 B3 5-7	BK28665	Acetone	UJ
15 B4 0-2	BK28667	Acetone	UJ
15 B4 6-8	BK28668	Acetone	UJ
15 B4 10-12	BK28669	Acetone	UJ

3. Initial calibration curve analyzed on 11/30/2015 (Chem18) 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). No qualifications were required.

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/30/2015 @ 09:47 (CHEM03) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.

2. CCV analyzed on 11/30/2015 @ 19:19 (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	23.9
Methyl Ethyl Ketone ⁽¹⁾	22.9
Naphthalene ⁽¹⁾	-21.6
Tert-butyl alcohol	-21.9

A= Acceptable

(1) Results were previously qualified due to ICV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B1 0-2	BK28661	Dichlorodifluoromethane, Methyl Ethyl Ketone, Tert-butyl alcohol Naphthalene	UJ UJ J
15 B3 0-2	BK28664	Dichlorodifluoromethane, Methyl Ethyl Ketone, Tert-butyl alcohol Naphthalene	UJ UJ J

3. CCV analyzed on 11/27/2015 @ 23:59 (CHEM14) 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 11/28/2015 @ 10:57 (CHEM14) 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 11/30/2015 @ 16:19 (CHEM18) 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 12/01/2015 @ 03:49 (CHEM18) 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
Bromomethane	-22.8
Chloroethane	-25.4
Trichlorofluoromethane	-21.3
1,1-Dichloroethene	-20.3

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B3 13-15	BK28666	Bromomethane, Chloroethane, Trichlorofluoromethane, 1,1-Dichloroethene	UJ
15 B5 6-8	BK28670	Bromomethane, Chloroethane, Trichlorofluoromethane, 1,1-Dichloroethene	UJ

Surrogates:

1. All surrogates %RECs values for all soil samples. No qualifications were required.

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BK28669 Blank) analyzed on 11/28/2015 was free of contamination. No qualifications were required.
2. Method Blank (BK28739 Blank) analyzed on 11/30/2015 was free of contamination. No qualifications were required.
3. Method Blank (BK28962 Blank) analyzed on 11/30/2015 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: BK28669 were analyzed on 11/28/2015. 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: BK28739 were analyzed on 11/30/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Naphthalene	142/139/A	15 B1 5-7, 15 B2 6-8, 15 B3 5-7, 15 B4 0-2, 15 B4 6-8, 15 B4 10-12	None

A= Acceptable

- Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK28962 were analyzed on 11/30/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Dichlorodifluoromethane	131/A/A	15 B3 13-15, 15 B5 6-8	None
Naphthalene	142/139/A	15 B3 13-15, 15 B5 6-8	None

A= Acceptable

Field Duplicate:

- A field duplicate pair was not submitted with this SDG.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

- Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 B4 10-12 (BK28669). All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Bromomethane	64/65/A	15 B4 10-12	UJ
Chloroethane	21/16/A	15 B4 10-12	UJ
Trichlorofluoromethane	64/53/A	15 B4 10-12	UJ
Acrolein	63/64/A	15 B4 10-12	UJ
Acetone	A/66/A	15 B4 10-12	UJ ⁽¹⁾

A= Acceptable

(1) Results for this compound were previously qualified due to ICV/CCV criteria.

Target Compound Identification:

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

2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range. No qualifications were required.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

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

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 6-8 (BK28663)

Carbon Disulfide

Sample weight: 6.79g

Final volume: 5ml

%Solids: 72%

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{27130 \times 50 \times 5\text{ml} \times 1}{130742 \times 3.859 \times 6.79\text{g} \times 0.72} = 2.75\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Carbon Disulfide	2.8	2.8	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: GBK28661.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK28661.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK28661
Client: Environmental Business Consultants
Date: 01/28/2016
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 11/24/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/25/2015 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 B1 0-2	BK28661	11/24/15	Pesticides	Soil	
15 B1 5-7	BK28662	11/24/15	Pesticides	Soil	
15 B3 0-2	BK28664	11/24/15	Pesticides	Soil	
15 B3 5-7	BK28665	11/24/15	Pesticides	Soil	
15 B4 0-2	BK28667	11/24/15	Pesticides	Soil	
15 B4 6-8	BK28668	11/24/15	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 11/17/2015 (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 11/05/2015 (ECD04) 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 B.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/30 & 12/01-02/2015 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds with the following exception(s):

Instrument ID: ECD 4: 11/30/15; 12:50

Compound	Column	%D
Methoxychlor	A	26

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B1 5-7	BK28662	Methoxychlor (Reported from column B)	None

Instrument ID: ECD 13: 12/02/15; 3:15

Compound	Column	%D
Endosulfan Sulfate	A	24
Endosulfan Sulfate	B	24
4,4'-DDT	B	24
Endrin Ketone	B	22
Endrin Aldehyde	B	22

A= Acceptable

Sample results were reported from the A Column.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B1 0-2	BK28661	Endosulfan Sulfate	UJ
15 B3 0-2	BK28664	Endosulfan Sulfate	UJ
15 B3 5-7	BK28665	Endosulfan Sulfate	UJ
15 B4 0-2	BK28667	Endosulfan Sulfate	UJ
15 B4 6-8	BK28668	Endosulfan Sulfate	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 (BK28662 BL) associated with the soil samples extracted on 11/25/2015 and analyzed on 11/30/2015 was free of contamination. No qualifications were required.
2. Method Blank (BK28718 BL) associated with the soil samples extracted on 11/25/2015 and analyzed on 12/01/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BK28662 LCS was analyzed on 11/30/2015. All %RECs were within the laboratory control limits. No qualifications were required.
2. Laboratory Control Sample associated with ID: BK28718 LCS was analyzed on 12/01/2015. 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 B1 5-7 (BK28662). 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:

BK28662 LCS

Alpha-Chlordane

On Column concentration (B) = 34.7059ng
Sample Weight= 15.0g
DF = 2
Vi= 5ml
%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{34.7059\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 23.13\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-Chlordane	23.1	23.1	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: GBK28661.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK28661.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK28661
Client: Environmental Business Consultants
Date: 01/28/2016
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 11/24/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/25/2015 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 B1 0-2	BK28661	11/24/15	PCBs	Soil	
15 B1 5-7	BK28662	11/24/15	PCBs	Soil	
15 B3 0-2	BK28664	11/24/15	PCBs	Soil	
15 B3 5-7	BK28665	11/24/15	PCBs	Soil	
15 B4 0-2	BK28667	11/24/15	PCBs	Soil	
15 B4 6-8	BK28668	11/24/15	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 11/06/2015 (ECD5) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/30/2015 and 12/01/2015 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 (BK28677 BL) associated with the soil samples extracted on 11/25/2015 and analyzed on 11/30/2015 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: BK28677 were analyzed on 11/30/2015. 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. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

BK28677 LCS

Aroclor-1016

On Column concentration (B)= 466.014ng
Sample weight= 15.0g
DF= 10
Vi= 5ml
%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{466.014\text{ng} \times 5\text{ml} \times 10}{15.0\text{g}} = 1553.38\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1550	1550	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: GBK28661.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK28661.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK28661
Client: Environmental Business Consultants
Date: 01/28/2016
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 11/24/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/25/2015 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 B1 0-2	BK28661	11/24/15	ICP, CVAA, Cyanide	Soil	
15 B1 5-7	BK28662	11/24/15	ICP, CVAA, Cyanide	Soil	
15 B3 0-2	BK28664	11/24/15	ICP, CVAA, Cyanide	Soil	
15 B3 5-7	BK28665	11/24/15	ICP, CVAA, Cyanide	Soil	
15 B4 0-2	BK28667	11/24/15	ICP, CVAA, Cyanide	Soil	
15 B4 6-8	BK28668	11/24/15	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). No qualifications were required.

Mercury:

- 1 All correlation coefficient for Mercury calibration curve analyzed were ≥ 0.995 . No qualifications were required.
- 2 All ICVs and CCVs %REC values were within the QC limits (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 11/28 & 12/1/2015 %RECs were within the control limits (70-130%). No qualifications were required.

ICP-AES Interference Check Sample:

- 1 All %REC values were within the QC limits (80-120%) for ICSA and ICSAB. No qualifications were required.

Blanks (Method Blank, ICB and CCB):**ICP-AES:**

- 1 Method Blank-Soil (BK28661) digested on 11/25/2015 was free of contamination. No qualifications were required.
- 2 All ICB and CCBs were free of contamination with the exception of lead (7 ug/L). Lead concentration in Sample 15 B3 0-2 associated with the contaminated CCB contained lead greater than 10x the concentration of the CCB, therefore no qualifications were required.

Mercury:

1. All ICB and CCBs were free of contamination. No qualifications were required.
2. Method Blank (BK28676) digested on 12/01/2015 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 (BK27758) digested on 11/25/2015 was free of contamination. No qualifications were required.
3. Method Blank (BK28665) digested on 11/30/2015 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. A field duplicate pair was 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 B1 0-2 (BK28661). All %RECs were within the laboratory control limits. No qualifications were required.

Cyanide:

1. Matrix Spike (MS) was performed on sample 15 B3 5-7 (BK28665). All RPDs 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 B1 0-2 (BK28661). All RPDs were within the laboratory control limits with the following exception(s):

Element	%R	Sample Affected	Action
Aluminum	163.6	15 B1 0-2	J+
Calcium	135.2	15 B1 0-2	J+
Iron	170.3	15 B1 0-2	J+
Magnesium	135.8	15 B1 0-2	J+
Manganese	158.8	15 B1 0-2	J+
Lead	36.4	15 B1 0-2	J-

2. Sample Duplicate was performed on sample 15 B3 5-7 (BK28665) for total cyanide. All RPDs were within the laboratory control limits. No qualifications were required.

ICP-AES Serial Dilution:

1. ICP serial dilution was performed on sample 15 B1 0-2 (BK28661). For all results for which the concentration in the original sample is $\geq 50\times$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$) with the following exception(s):

Element	%D	Sample Affected	Action
Potassium	16.4	15 B1 0-2	J

Verification of Instrumental Parameters:

1. The following Forms were present in the data package:
 - 1.1 Method Detection Limits, Form- X.
 - 1.2 ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
 - 1.3 ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual calculation:

Sample: 15 B1 0-2 (BK28661)

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= 0.80g

%Solids =87.0

DF=1.0

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{529.2384ug/L \times 50 \times 1.0 \times 1L \times 1000g \times 1mg}{0.80 \times 0.87 \times 1000ml \times 1 kg \times 1000ug} = 38.02 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Barium	38.0	38.0	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: GBK28661.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK28661.



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK28661**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B1 0-2	BK28661	E160.3	11/25/2015	1	SOLIDS, PERCENT	87	%			
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Lead	76.0	mg/Kg	J-	0.36	0.7
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Nickel	26.5	mg/Kg		0.36	0.36
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Potassium	766	mg/Kg	J	2.8	7
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Silver		mg/Kg	U	0.36	0.36
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Sodium	1480	mg/Kg		3.1	7
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Thallium		mg/Kg	U	1.4	1.4
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Antimony		mg/Kg	U	1.8	1.8
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Arsenic	3.7	mg/Kg		0.72	0.7
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Barium	38.0	mg/Kg		0.36	0.7
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Beryllium	0.23	mg/Kg	J	0.14	0.29
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Cadmium	1.23	mg/Kg		0.14	0.36
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Chromium	14.7	mg/Kg		0.36	0.36
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Cobalt	22.1	mg/Kg		0.36	0.36
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Copper	36.6	mg/Kg		0.36	0.36
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Vanadium	29.8	mg/Kg		0.36	0.4
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Zinc	29.6	mg/Kg		0.36	0.7
15 B1 0-2	BK28661	SW6010	11/28/2015	1	Selenium		mg/Kg	U	1.2	1.4
15 B1 0-2	BK28661	SW6010	12/1/2015	100	Aluminum	4390	mg/Kg	J+	72	360
15 B1 0-2	BK28661	SW6010	12/1/2015	100	Iron	73700	mg/Kg	J+	360	360
15 B1 0-2	BK28661	SW6010	12/1/2015	100	Magnesium	11300	mg/Kg	J+	360	360
15 B1 0-2	BK28661	SW6010	12/1/2015	100	Manganese	522	mg/Kg	J+	36	36
15 B1 0-2	BK28661	SW6010	12/1/2015	100	Calcium	20500	mg/Kg	J+	330	360
15 B1 0-2	BK28661	SW7471	12/1/2015	1	Mercury	0.04	mg/Kg		0.02	0.03
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Heptachlor epoxide		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Endosulfan sulfate		ug/Kg	UJ	38	38
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Aldrin		ug/Kg	U	4.9	4.9
15 B1 0-2	BK28661	SW8081	12/2/2015	10	a-BHC		ug/Kg	U	9.5	9.5
15 B1 0-2	BK28661	SW8081	12/2/2015	10	b-BHC		ug/Kg	U	9.5	9.5
15 B1 0-2	BK28661	SW8081	12/2/2015	10	d-BHC		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Endosulfan II		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8081	12/2/2015	10	4,4' -DDT		ug/Kg	U	9.5	9.5
15 B1 0-2	BK28661	SW8081	12/2/2015	10	a-Chlordane		ug/Kg	U	19	19
15 B1 0-2	BK28661	SW8081	12/2/2015	10	g-Chlordane		ug/Kg	U	19	19
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Endrin ketone		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Chlordane		ug/Kg	U	190	190
15 B1 0-2	BK28661	SW8081	12/2/2015	10	g-BHC		ug/Kg	U	7.6	7.6
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Dieldrin		ug/Kg	U	4.9	4.9



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK28661**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Endrin		ug/Kg	U	9.5	9.5
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Methoxychlor		ug/Kg	U	190	190
15 B1 0-2	BK28661	SW8081	12/2/2015	10	4,4' -DDD		ug/Kg	U	9.5	9.5
15 B1 0-2	BK28661	SW8081	12/2/2015	10	4,4' -DDE		ug/Kg	U	9.5	9.5
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Endrin aldehyde		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Heptachlor		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Toxaphene		ug/Kg	U	760	760
15 B1 0-2	BK28661	SW8081	12/2/2015	10	Endosulfan I		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8082	11/30/2015	2	PCB-1260		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8082	11/30/2015	2	PCB-1254		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8082	11/30/2015	2	PCB-1268		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8082	11/30/2015	2	PCB-1221		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8082	11/30/2015	2	PCB-1232		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8082	11/30/2015	2	PCB-1248		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8082	11/30/2015	2	PCB-1016		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8082	11/30/2015	2	PCB-1262		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8082	11/30/2015	2	PCB-1242		ug/Kg	U	38	38
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Ethylbenzene	60	ug/Kg	J	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Styrene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	cis-1,3-Dichloropropene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	trans-1,3-Dichloropropene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	n-Propylbenzene		ug/Kg	U	49	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	n-Butylbenzene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	4-Chlorotoluene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,4-Dichlorobenzene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,2-Dibromoethane		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Acrolein		ug/Kg	UJ	140	1100
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,2-Dichloroethane		ug/Kg	U	27	27
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Acrylonitrile		ug/Kg	U	27	1100
15 B1 0-2	BK28661	SW8260	11/30/2015	50	4-Methyl-2-pentanone		ug/Kg	U	270	1400
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,3,5-Trimethylbenzene	62	ug/Kg	J	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Bromobenzene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Toluene	400	ug/Kg		27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Chlorobenzene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Tetrahydrofuran (THF)		ug/Kg	U	140	550
15 B1 0-2	BK28661	SW8260	11/30/2015	50	trans-1,4-dichloro-2-butene		ug/Kg	U	140	550
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,2,4-Trichlorobenzene		ug/Kg	U	55	270



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK28661**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,4-dioxane		ug/Kg	U	2200	2200
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Dibromochloromethane		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Tetrachloroethene		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	sec-Butylbenzene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,3-Dichloropropane		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	cis-1,2-Dichloroethene		ug/Kg	U	27	140
15 B1 0-2	BK28661	SW8260	11/30/2015	50	trans-1,2-Dichloroethene		ug/Kg	U	27	140
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	55	550
15 B1 0-2	BK28661	SW8260	11/30/2015	50	m&p-Xylene	250	ug/Kg	J	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	2-Isopropyltoluene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,3-Dichlorobenzene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Carbon tetrachloride		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,1-Dichloropropene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	2-Hexanone		ug/Kg	U	270	1400
15 B1 0-2	BK28661	SW8260	11/30/2015	50	2,2-Dichloropropane		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	55	1100
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Acetone		ug/Kg	UJ	270	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Chloroform		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Benzene		ug/Kg	U	27	55
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,1,1-Trichloroethane		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Bromomethane		ug/Kg	U	110	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Chloromethane		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Dibromomethane		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Bromochloromethane		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Chloroethane		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Vinyl chloride		ug/Kg	U	27	27
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Methylene chloride		ug/Kg	U	270	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Carbon Disulfide		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Bromoform		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Bromodichloromethane		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,1-Dichloroethane		ug/Kg	U	55	140
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,1-Dichloroethene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Tert-butyl alcohol		ug/Kg	UJ	1100	5500
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Trichlorofluoromethane		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Dichlorodifluoromethane		ug/Kg	UJ	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Trichlorotrifluoroethane		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,2-Dichloropropane		ug/Kg	U	55	270



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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
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Methyl Ethyl Ketone		ug/Kg	UJ	270	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,1,2-Trichloroethane		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Trichloroethene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,2,3-Trichlorobenzene		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Hexachlorobutadiene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Naphthalene	2900	ug/Kg	J	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	o-Xylene	55	ug/Kg	J	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	2-Chlorotoluene		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,2-Dichlorobenzene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,2,4-Trimethylbenzene	100	ug/Kg	J	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	55	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	1,2,3-Trichloropropane		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	tert-Butylbenzene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	Isopropylbenzene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8260	11/30/2015	50	p-Isopropyltoluene		ug/Kg	U	27	270
15 B1 0-2	BK28661	SW8270	11/30/2015	1	4-Nitroaniline		ug/Kg	U	130	760
15 B1 0-2	BK28661	SW8270	11/30/2015	1	4-Nitrophenol		ug/Kg	U	170	380
15 B1 0-2	BK28661	SW8270	11/30/2015	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2,4-Dimethylphenol		ug/Kg	U	94	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	4-Chloroaniline		ug/Kg	U	180	300
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Phenol		ug/Kg	U	120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Pyridine		ug/Kg	U	93	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Di-n-octylphthalate		ug/Kg	U	97	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Hexachlorobenzene		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Anthracene	1600	ug/Kg		120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2,4-Dichlorophenol		ug/Kg	U	130	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2,4-Dinitrotoluene		ug/Kg	U	150	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Pyrene	2800	ug/Kg		130	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Dimethylphthalate		ug/Kg	U	120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Dibenzofuran	990	ug/Kg		110	260



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Benzo(ghi)perylene	800	ug/Kg		120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Indeno(1,2,3-cd)pyrene	680	ug/Kg		130	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Benzo(b)fluoranthene	330	ug/Kg		130	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Fluoranthene	3200	ug/Kg		120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Benzo(k)fluoranthene	180	ug/Kg	J	130	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Acenaphthylene		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Chrysene	710	ug/Kg		130	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Bis(2-chloroisopropyl)ether		ug/Kg	UJ	100	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Benzo(a)pyrene	300	ug/Kg		120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2,4-Dinitrophenol		ug/Kg	R	260	760
15 B1 0-2	BK28661	SW8270	11/30/2015	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	410	1900
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Dibenz(a,h)anthracene		ug/Kg	U	120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Benz(a)anthracene	630	ug/Kg		130	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2,6-Dinitrotoluene		ug/Kg	U	120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Aniline		ug/Kg	U	300	300
15 B1 0-2	BK28661	SW8270	11/30/2015	1	N-Nitrosodimethylamine		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Benzoic acid		ug/Kg	R	760	1900
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Hexachloroethane		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Isophorone		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Pentachloronitrobenzene		ug/Kg	U	140	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Acenaphthene	2200	ug/Kg		110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Diethyl phthalate		ug/Kg	U	120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Di-n-butylphthalate		ug/Kg	U	100	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Phenanthrene	5400	ug/Kg		110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Benzyl butyl phthalate		ug/Kg	U	97	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Fluorene	1400	ug/Kg		120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Carbazole		ug/Kg	U	290	1900
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Hexachlorobutadiene		ug/Kg	U	140	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Pentachlorophenol		ug/Kg	U	140	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2,4,6-Trichlorophenol		ug/Kg	U	120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2-Nitroaniline		ug/Kg	U	380	760



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2-Nitrophenol		ug/Kg	U	240	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Naphthalene		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2-Methylnaphthalene	1900	ug/Kg		110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2-Chloronaphthalene		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	180	760
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Benzidine		ug/Kg	U	220	760
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	1,2-Dichlorobenzene		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2-Chlorophenol		ug/Kg	U	110	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	2,4,5-Trichlorophenol		ug/Kg	U	210	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Acetophenone		ug/Kg	U	120	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	Nitrobenzene		ug/Kg	U	130	260
15 B1 0-2	BK28661	SW8270	11/30/2015	1	3-Nitroaniline		ug/Kg	U	760	760
15 B1 0-2	BK28661	SW8270	11/30/2015	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
15 B1 0-2	BK28661	SW9012	11/25/2015	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.29	0.57
15 B1 5-7	BK28662	E160.3	11/25/2015	1	SOLIDS, PERCENT	83	%			
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Lead	60.8	mg/Kg		0.39	0.8
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Nickel	36.0	mg/Kg		0.39	0.39
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Potassium	3160	mg/Kg		3.1	8
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Silver		mg/Kg	U	0.39	0.39
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Sodium	3150	mg/Kg		3.4	8
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Thallium		mg/Kg	U	1.6	1.6
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Antimony		mg/Kg	U	2.0	2.0
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Arsenic	7.7	mg/Kg		0.78	0.8
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Barium	33.9	mg/Kg		0.39	0.8
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Beryllium	0.50	mg/Kg		0.16	0.31
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Cadmium	1.00	mg/Kg		0.16	0.39
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Chromium	22.5	mg/Kg		0.39	0.39
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Cobalt	34.3	mg/Kg		0.39	0.39
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Copper	33.8	mg/Kg		0.39	0.39
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Vanadium	36.9	mg/Kg		0.39	0.4
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Zinc	50.6	mg/Kg		0.39	0.8
15 B1 5-7	BK28662	SW6010	11/28/2015	1	Selenium		mg/Kg	U	1.3	1.6
15 B1 5-7	BK28662	SW6010	11/28/2015	10	Aluminum	10300	mg/Kg		7.8	39
15 B1 5-7	BK28662	SW6010	11/28/2015	10	Iron	69000	mg/Kg		39	39
15 B1 5-7	BK28662	SW6010	11/28/2015	10	Magnesium	19600	mg/Kg		39	39



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B1 5-7	BK28662	SW6010	11/28/2015	10	Manganese	970	mg/Kg		3.9	3.9
15 B1 5-7	BK28662	SW6010	11/28/2015	10	Calcium	26800	mg/Kg		36	39
15 B1 5-7	BK28662	SW7471	12/1/2015	1	Mercury	0.04	mg/Kg		0.02	0.03
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Heptachlor epoxide		ug/Kg	U	7.9	7.9
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Endosulfan sulfate		ug/Kg	U	7.9	7.9
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Aldrin		ug/Kg	U	4.0	4.0
15 B1 5-7	BK28662	SW8081	11/30/2015	2	a-BHC		ug/Kg	U	7.9	7.9
15 B1 5-7	BK28662	SW8081	11/30/2015	2	b-BHC		ug/Kg	U	7.9	7.9
15 B1 5-7	BK28662	SW8081	11/30/2015	2	d-BHC		ug/Kg	U	7.9	7.9
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Endosulfan II		ug/Kg	U	7.9	7.9
15 B1 5-7	BK28662	SW8081	11/30/2015	2	4,4' -DDT		ug/Kg	U	2.4	2.4
15 B1 5-7	BK28662	SW8081	11/30/2015	2	a-Chlordane		ug/Kg	U	4.0	4.0
15 B1 5-7	BK28662	SW8081	11/30/2015	2	g-Chlordane		ug/Kg	U	4.0	4.0
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Endrin ketone		ug/Kg	U	7.9	7.9
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Chlordane		ug/Kg	U	40	40
15 B1 5-7	BK28662	SW8081	11/30/2015	2	g-BHC		ug/Kg	U	3.0	3.0
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Dieldrin		ug/Kg	U	4.0	4.0
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Endrin		ug/Kg	U	7.9	7.9
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Methoxychlor		ug/Kg	U	40	40
15 B1 5-7	BK28662	SW8081	11/30/2015	2	4,4' -DDD		ug/Kg	U	2.4	2.4
15 B1 5-7	BK28662	SW8081	11/30/2015	2	4,4' -DDE		ug/Kg	U	2.4	2.4
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Endrin aldehyde		ug/Kg	U	7.9	7.9
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Heptachlor		ug/Kg	U	7.9	7.9
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Toxaphene		ug/Kg	U	160	160
15 B1 5-7	BK28662	SW8081	11/30/2015	2	Endosulfan I		ug/Kg	U	7.9	7.9
15 B1 5-7	BK28662	SW8082	11/30/2015	2	PCB-1260		ug/Kg	U	40	40
15 B1 5-7	BK28662	SW8082	11/30/2015	2	PCB-1254		ug/Kg	U	40	40
15 B1 5-7	BK28662	SW8082	11/30/2015	2	PCB-1268		ug/Kg	U	40	40
15 B1 5-7	BK28662	SW8082	11/30/2015	2	PCB-1221		ug/Kg	U	40	40
15 B1 5-7	BK28662	SW8082	11/30/2015	2	PCB-1232		ug/Kg	U	40	40
15 B1 5-7	BK28662	SW8082	11/30/2015	2	PCB-1248		ug/Kg	U	40	40
15 B1 5-7	BK28662	SW8082	11/30/2015	2	PCB-1016		ug/Kg	U	40	40
15 B1 5-7	BK28662	SW8082	11/30/2015	2	PCB-1262		ug/Kg	U	40	40
15 B1 5-7	BK28662	SW8082	11/30/2015	2	PCB-1242		ug/Kg	U	40	40
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Ethylbenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Styrene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	cis-1,3-Dichloropropene		ug/Kg	U	0.53	5.3



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B1 5-7	BK28662	SW8260	11/28/2015	1	trans-1,3-Dichloropropene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	n-Propylbenzene		ug/Kg	U	0.95	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	n-Butylbenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	4-Chlorotoluene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,4-Dichlorobenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,2-Dibromoethane		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Acrolein		ug/Kg	U	2.7	21
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,2-Dichloroethane		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Acrylonitrile		ug/Kg	U	0.53	21
15 B1 5-7	BK28662	SW8260	11/28/2015	1	4-Methyl-2-pentanone		ug/Kg	U	5.3	27
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Bromobenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Toluene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Chlorobenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Tetrahydrofuran (THF)		ug/Kg	U	2.7	11
15 B1 5-7	BK28662	SW8260	11/28/2015	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.7	11
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,4-dioxane		ug/Kg	U	42	100
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Dibromochloromethane		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Tetrachloroethene		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	sec-Butylbenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,3-Dichloropropane		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	cis-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	trans-1,2-Dichloroethene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.1	11
15 B1 5-7	BK28662	SW8260	11/28/2015	1	m&p-Xylene		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	2-Isopropyltoluene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,3-Dichlorobenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Carbon tetrachloride		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,1-Dichloropropene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	2-Hexanone		ug/Kg	U	5.3	27
15 B1 5-7	BK28662	SW8260	11/28/2015	1	2,2-Dichloropropane		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.1	21
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Acetone	10	ug/Kg	J	5.3	50
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Chloroform		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Benzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,1,1-Trichloroethane		ug/Kg	U	0.53	5.3



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Bromomethane		ug/Kg	U	2.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Chloromethane		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Dibromomethane		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Bromochloromethane		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Chloroethane		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Vinyl chloride		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Methylene chloride		ug/Kg	U	5.3	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Carbon Disulfide		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Bromoform		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Bromodichloromethane		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,1-Dichloroethane		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,1-Dichloroethene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Tert-butyl alcohol		ug/Kg	U	21	110
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Trichlorofluoromethane		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Dichlorodifluoromethane		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Trichlorotrifluoroethane		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,2-Dichloropropane		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Methyl Ethyl Ketone		ug/Kg	U	5.3	32
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,1,2-Trichloroethane		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Trichloroethene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Hexachlorobutadiene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Naphthalene		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	o-Xylene		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	2-Chlorotoluene		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,2-Dichlorobenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.1	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	1,2,3-Trichloropropane		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	tert-Butylbenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	Isopropylbenzene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8260	11/28/2015	1	p-Isopropyltoluene		ug/Kg	U	0.53	5.3
15 B1 5-7	BK28662	SW8270	11/26/2015	1	4-Nitroaniline		ug/Kg	U	130	790
15 B1 5-7	BK28662	SW8270	11/26/2015	1	4-Nitrophenol		ug/Kg	U	180	390
15 B1 5-7	BK28662	SW8270	11/26/2015	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2,4-Dimethylphenol		ug/Kg	U	98	280



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B1 5-7	BK28662	SW8270	11/26/2015	1	1,4-Dichlorobenzene		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	4-Chloroaniline		ug/Kg	U	180	320
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Phenol		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Pyridine		ug/Kg	U	97	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Di-n-octylphthalate		ug/Kg	U	100	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Hexachlorobenzene		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Anthracene		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2,4-Dichlorophenol		ug/Kg	U	140	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2,4-Dinitrotoluene		ug/Kg	U	160	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Pyrene		ug/Kg	U	140	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Dimethylphthalate		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Dibenzofuran		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Benzo(b)fluoranthene		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Fluoranthene		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Acenaphthylene		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Chrysene		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Benzo(a)pyrene		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2,4-Dinitrophenol		ug/Kg	R	280	790
15 B1 5-7	BK28662	SW8270	11/26/2015	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	420	2000
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Dibenz(a,h)anthracene		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	1,3-Dichlorobenzene		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Benz(a)anthracene		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2,6-Dinitrotoluene		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Aniline		ug/Kg	U	320	320
15 B1 5-7	BK28662	SW8270	11/26/2015	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Benzoic acid		ug/Kg	R	790	2000



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Hexachloroethane		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Isophorone		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Acenaphthene		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Diethyl phthalate		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Di-n-butylphthalate		ug/Kg	U	100	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Phenanthrene		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Fluorene		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Carbazole		ug/Kg	U	300	2000
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Hexachlorobutadiene		ug/Kg	U	140	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Pentachlorophenol		ug/Kg	U	150	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2,4,6-Trichlorophenol		ug/Kg	U	130	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2-Nitroaniline		ug/Kg	U	400	790
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2-Nitrophenol		ug/Kg	U	250	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Naphthalene		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2-Methylnaphthalene		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2-Chloronaphthalene		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	790
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Benzidine		ug/Kg	U	230	790
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	1,2-Dichlorobenzene		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2-Chlorophenol		ug/Kg	U	110	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Acetophenone		ug/Kg	U	120	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	Nitrobenzene		ug/Kg	U	140	280
15 B1 5-7	BK28662	SW8270	11/26/2015	1	3-Nitroaniline		ug/Kg	U	790	790
15 B1 5-7	BK28662	SW8270	11/26/2015	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15 B1 5-7	BK28662	SW9012	11/25/2015	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.30	0.60
15 B2 6-8	BK28663	E160.3	11/25/2015	1	SOLIDS, PERCENT	72	%			
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Ethylbenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Styrene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	cis-1,3-Dichloropropene		ug/Kg	U	0.51	5.1



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B2 6-8	BK28663	SW8260	11/28/2015	1	trans-1,3-Dichloropropene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	n-Propylbenzene		ug/Kg	U	0.93	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	n-Butylbenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	4-Chlorotoluene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,4-Dichlorobenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,2-Dibromoethane		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Acrolein		ug/Kg	U	2.6	21
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,2-Dichloroethane		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Acrylonitrile		ug/Kg	U	0.51	21
15 B2 6-8	BK28663	SW8260	11/28/2015	1	4-Methyl-2-pentanone		ug/Kg	U	5.1	26
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Bromobenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Toluene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Chlorobenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Tetrahydrofuran (THF)		ug/Kg	U	2.6	10
15 B2 6-8	BK28663	SW8260	11/28/2015	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.6	10
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,4-dioxane		ug/Kg	U	41	100
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Dibromochloromethane		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Tetrachloroethene		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	sec-Butylbenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	cis-1,2-Dichloroethene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	trans-1,2-Dichloroethene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
15 B2 6-8	BK28663	SW8260	11/28/2015	1	m&p-Xylene		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	2-Isopropyltoluene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,3-Dichlorobenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Carbon tetrachloride		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,1-Dichloropropene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	2-Hexanone		ug/Kg	U	5.1	26
15 B2 6-8	BK28663	SW8260	11/28/2015	1	2,2-Dichloropropane		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	21
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Acetone		ug/Kg	UJ	5.1	50
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Chloroform		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Benzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,1,1-Trichloroethane		ug/Kg	U	0.51	5.1



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Bromomethane		ug/Kg	U	2.1	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Chloromethane		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Dibromomethane		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Bromochloromethane		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Chloroethane		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Vinyl chloride		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Methylene chloride		ug/Kg	U	5.1	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Carbon Disulfide	2.8	ug/Kg	J	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Bromoform		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Bromodichloromethane		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,1-Dichloroethene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Tert-butyl alcohol	35	ug/Kg	J	21	100
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Dichlorodifluoromethane		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Trichlorotrifluoroethane		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Methyl Ethyl Ketone		ug/Kg	U	5.1	31
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Trichloroethene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Hexachlorobutadiene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Naphthalene		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	o-Xylene		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	2-Chlorotoluene		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,2-Dichlorobenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.0	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	1,2,3-Trichloropropane		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	tert-Butylbenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	Isopropylbenzene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8260	11/28/2015	1	p-Isopropyltoluene		ug/Kg	U	0.51	5.1
15 B2 6-8	BK28663	SW8270	11/26/2015	1	4-Nitroaniline		ug/Kg	U	150	900
15 B2 6-8	BK28663	SW8270	11/26/2015	1	4-Nitrophenol		ug/Kg	U	200	450
15 B2 6-8	BK28663	SW8270	11/26/2015	1	4-Bromophenyl phenyl ether		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2,4-Dimethylphenol		ug/Kg	U	110	320



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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
15 B2 6-8	BK28663	SW8270	11/26/2015	1	1,4-Dichlorobenzene		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	4-Chloroaniline		ug/Kg	U	210	360
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Phenol		ug/Kg	U	140	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Pyridine		ug/Kg	U	110	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Bis(2-chloroethyl)ether		ug/Kg	U	120	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Bis(2-chloroethoxy)methane		ug/Kg	U	120	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Di-n-octylphthalate		ug/Kg	U	120	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Hexachlorobenzene		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Anthracene		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	140	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2,4-Dichlorophenol		ug/Kg	U	160	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2,4-Dinitrotoluene		ug/Kg	U	180	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	1,2-Diphenylhydrazine		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Pyrene		ug/Kg	U	160	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Dimethylphthalate		ug/Kg	U	140	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Dibenzofuran		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Benzo(ghi)perylene		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Benzo(b)fluoranthene		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Fluoranthene		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Benzo(k)fluoranthene		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Acenaphthylene		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Chrysene		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Benzo(a)pyrene		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2,4-Dinitrophenol		ug/Kg	R	320	900
15 B2 6-8	BK28663	SW8270	11/26/2015	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	490	2300
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Dibenz(a,h)anthracene		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	1,3-Dichlorobenzene		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Benz(a)anthracene		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	4-Chloro-3-methylphenol		ug/Kg	U	160	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2,6-Dinitrotoluene		ug/Kg	U	140	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	N-Nitrosodi-n-propylamine		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Aniline		ug/Kg	U	360	360
15 B2 6-8	BK28663	SW8270	11/26/2015	1	N-Nitrosodimethylamine		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Benzoic acid		ug/Kg	R	900	2300



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Hexachloroethane		ug/Kg	U	140	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	4-Chlorophenyl phenyl ether		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Hexachlorocyclopentadiene		ug/Kg	UJ	140	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Isophorone		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Pentachloronitrobenzene		ug/Kg	U	170	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Acenaphthene		ug/Kg	U	140	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Diethyl phthalate		ug/Kg	U	140	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Di-n-butylphthalate	130	ug/Kg	U	120	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Phenanthrene		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Benzyl butyl phthalate		ug/Kg	U	120	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	N-Nitrosodiphenylamine		ug/Kg	U	170	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Fluorene		ug/Kg	U	150	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Carbazole		ug/Kg	U	340	2300
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Hexachlorobutadiene		ug/Kg	U	160	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Pentachlorophenol		ug/Kg	U	170	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2,4,6-Trichlorophenol		ug/Kg	U	140	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2-Nitroaniline		ug/Kg	U	460	900
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2-Nitrophenol		ug/Kg	U	290	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Naphthalene		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2-Methylnaphthalene		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2-Chloronaphthalene		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	3,3'-Dichlorobenzidine		ug/Kg	U	210	900
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Benzidine		ug/Kg	U	270	900
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2-Methylphenol (o-cresol)		ug/Kg	U	210	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	1,2-Dichlorobenzene		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2-Chlorophenol		ug/Kg	U	130	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	160	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	2,4,5-Trichlorophenol		ug/Kg	U	250	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Acetophenone		ug/Kg	U	140	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	Nitrobenzene		ug/Kg	U	160	320
15 B2 6-8	BK28663	SW8270	11/26/2015	1	3-Nitroaniline		ug/Kg	U	900	900
15 B2 6-8	BK28663	SW8270	11/26/2015	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	180	320
15 B3 0-2	BK28664	E160.3	11/25/2015	1	SOLIDS, PERCENT	92	%			
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Magnesium	1110	mg/Kg		3.4	3.4
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Nickel	36.8	mg/Kg		0.34	0.34
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Potassium	647	mg/Kg		2.7	7
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Silver		mg/Kg	U	0.34	0.34



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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
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Sodium	144	mg/Kg		3.0	7
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Thallium		mg/Kg	U	1.4	1.4
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Antimony		mg/Kg	U	1.7	1.7
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Arsenic	19.5	mg/Kg		0.69	0.7
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Barium	43.4	mg/Kg		0.34	0.7
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Beryllium	0.18	mg/Kg	J	0.14	0.28
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Cadmium	3.41	mg/Kg		0.14	0.34
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Chromium	25.3	mg/Kg		0.34	0.34
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Cobalt	37.2	mg/Kg		0.34	0.34
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Copper	72.6	mg/Kg		0.34	0.34
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Vanadium	73.3	mg/Kg		0.34	0.3
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Zinc	89.1	mg/Kg		0.34	0.7
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Calcium	3000	mg/Kg		3.2	3.4
15 B3 0-2	BK28664	SW6010	11/28/2015	1	Selenium		mg/Kg	U	1.2	1.4
15 B3 0-2	BK28664	SW6010	11/28/2015	10	Aluminum	5030	mg/Kg		6.9	34
15 B3 0-2	BK28664	SW6010	11/28/2015	10	Lead	282	mg/Kg		3.4	6.9
15 B3 0-2	BK28664	SW6010	11/28/2015	10	Manganese	1030	mg/Kg		3.4	3.4
15 B3 0-2	BK28664	SW6010	12/1/2015	100	Iron	193000	mg/Kg		340	340
15 B3 0-2	BK28664	SW7471	12/1/2015	1	Mercury	0.31	mg/Kg		0.02	0.03
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Heptachlor epoxide		ug/Kg	U	7.1	7.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Endosulfan sulfate		ug/Kg	UJ	7.1	7.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Aldrin		ug/Kg	U	3.6	3.6
15 B3 0-2	BK28664	SW8081	12/2/2015	2	a-BHC		ug/Kg	U	7.1	7.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	b-BHC		ug/Kg	U	7.1	7.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	d-BHC		ug/Kg	U	7.1	7.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Endosulfan II		ug/Kg	U	7.1	7.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	4,4' -DDT		ug/Kg	U	2.1	2.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	a-Chlordane		ug/Kg	U	3.6	3.6
15 B3 0-2	BK28664	SW8081	12/2/2015	2	g-Chlordane		ug/Kg	U	3.6	3.6
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Endrin ketone		ug/Kg	U	7.1	7.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Chlordane		ug/Kg	U	36	36
15 B3 0-2	BK28664	SW8081	12/2/2015	2	g-BHC		ug/Kg	U	1.4	1.4
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Dieldrin		ug/Kg	U	3.6	3.6
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Endrin		ug/Kg	U	7.1	7.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Methoxychlor		ug/Kg	U	36	36
15 B3 0-2	BK28664	SW8081	12/2/2015	2	4,4' -DDD		ug/Kg	U	2.1	2.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	4,4' -DDE		ug/Kg	U	2.1	2.1



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Endrin aldehyde		ug/Kg	U	7.1	7.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Heptachlor		ug/Kg	U	7.1	7.1
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Toxaphene		ug/Kg	U	140	140
15 B3 0-2	BK28664	SW8081	12/2/2015	2	Endosulfan I		ug/Kg	U	7.1	7.1
15 B3 0-2	BK28664	SW8082	12/1/2015	2	PCB-1260		ug/Kg	U	36	36
15 B3 0-2	BK28664	SW8082	12/1/2015	2	PCB-1254		ug/Kg	U	36	36
15 B3 0-2	BK28664	SW8082	12/1/2015	2	PCB-1268		ug/Kg	U	36	36
15 B3 0-2	BK28664	SW8082	12/1/2015	2	PCB-1221		ug/Kg	U	36	36
15 B3 0-2	BK28664	SW8082	12/1/2015	2	PCB-1232		ug/Kg	U	36	36
15 B3 0-2	BK28664	SW8082	12/1/2015	2	PCB-1248		ug/Kg	U	36	36
15 B3 0-2	BK28664	SW8082	12/1/2015	2	PCB-1016		ug/Kg	U	36	36
15 B3 0-2	BK28664	SW8082	12/1/2015	2	PCB-1262		ug/Kg	U	36	36
15 B3 0-2	BK28664	SW8082	12/1/2015	2	PCB-1242		ug/Kg	U	36	36
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Ethylbenzene	39	ug/Kg	J	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Styrene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	cis-1,3-Dichloropropene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	trans-1,3-Dichloropropene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	n-Propylbenzene		ug/Kg	U	32	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	n-Butylbenzene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	4-Chlorotoluene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,4-Dichlorobenzene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,2-Dibromoethane		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Acrolein		ug/Kg	UJ	90	720
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,2-Dichloroethane		ug/Kg	U	18	18
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Acrylonitrile		ug/Kg	U	18	720
15 B3 0-2	BK28664	SW8260	11/30/2015	50	4-Methyl-2-pentanone		ug/Kg	U	180	900
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,3,5-Trimethylbenzene	50	ug/Kg	J	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Bromobenzene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Toluene	54	ug/Kg	J	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Chlorobenzene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Tetrahydrofuran (THF)		ug/Kg	U	90	360
15 B3 0-2	BK28664	SW8260	11/30/2015	50	trans-1,4-dichloro-2-butene		ug/Kg	U	90	360
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,2,4-Trichlorobenzene		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,4-dioxane		ug/Kg	U	1400	1400
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Dibromochloromethane		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Tetrachloroethene		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	sec-Butylbenzene		ug/Kg	U	18	180



**2401 3RD AVENUE
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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
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,3-Dichloropropane		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	cis-1,2-Dichloroethene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	trans-1,2-Dichloroethene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	36	360
15 B3 0-2	BK28664	SW8260	11/30/2015	50	m&p-Xylene	60	ug/Kg	J	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	2-Isopropyltoluene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,3-Dichlorobenzene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Carbon tetrachloride		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,1-Dichloropropene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	2-Hexanone		ug/Kg	U	180	900
15 B3 0-2	BK28664	SW8260	11/30/2015	50	2,2-Dichloropropane		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Acetone		ug/Kg	UJ	180	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Chloroform		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Benzene	23	ug/Kg	J	18	58
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,1,1-Trichloroethane		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Bromomethane		ug/Kg	U	72	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Chloromethane		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Dibromomethane		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Bromochloromethane		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Chloroethane		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Vinyl chloride		ug/Kg	U	18	18
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Methylene chloride		ug/Kg	U	180	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Carbon Disulfide		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Bromoform		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Bromodichloromethane		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,1-Dichloroethane		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,1-Dichloroethene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Tert-butyl alcohol		ug/Kg	UJ	720	3600
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Trichlorofluoromethane		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Dichlorodifluoromethane		ug/Kg	UJ	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Trichlorotrifluoroethane		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,2-Dichloropropane		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Methyl Ethyl Ketone		ug/Kg	UJ	180	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,1,2-Trichloroethane		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Trichloroethene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	36	180



**2401 3RD AVENUE
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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
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,2,3-Trichlorobenzene		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Hexachlorobutadiene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Naphthalene	56	ug/Kg	J	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	o-Xylene		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	2-Chlorotoluene		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,2-Dichlorobenzene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,2,4-Trimethylbenzene	63	ug/Kg	J	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	36	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	1,2,3-Trichloropropane		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	tert-Butylbenzene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	Isopropylbenzene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8260	11/30/2015	50	p-Isopropyltoluene		ug/Kg	U	18	180
15 B3 0-2	BK28664	SW8270	11/26/2015	1	4-Nitroaniline		ug/Kg	U	120	720
15 B3 0-2	BK28664	SW8270	11/26/2015	1	4-Nitrophenol		ug/Kg	U	160	360
15 B3 0-2	BK28664	SW8270	11/26/2015	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2,4-Dimethylphenol		ug/Kg	U	89	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	4-Chloroaniline		ug/Kg	U	170	290
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Phenol		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Pyridine		ug/Kg	U	88	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Bis(2-chloroethyl)ether		ug/Kg	U	97	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Bis(2-chloroethoxy)methane		ug/Kg	U	99	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Di-n-octylphthalate		ug/Kg	U	92	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Hexachlorobenzene		ug/Kg	U	100	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Anthracene	220	ug/Kg	J	120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2,4-Dichlorophenol		ug/Kg	U	130	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2,4-Dinitrotoluene		ug/Kg	U	140	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Pyrene	970	ug/Kg		120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Dimethylphthalate		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Dibenzofuran		ug/Kg	U	100	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Benzo(ghi)perylene	220	ug/Kg	J	120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Indeno(1,2,3-cd)pyrene	230	ug/Kg	J	120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Benzo(b)fluoranthene	330	ug/Kg		120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Fluoranthene	1100	ug/Kg		120	250



**2401 3RD AVENUE
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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
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Benzo(k)fluoranthene	330	ug/Kg		120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Acenaphthylene		ug/Kg	U	100	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Chrysene	470	ug/Kg		120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	99	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Benzo(a)pyrene	400	ug/Kg		120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2,4-Dinitrophenol		ug/Kg	R	250	720
15 B3 0-2	BK28664	SW8270	11/26/2015	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	380	1800
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Dibenz(a,h)anthracene		ug/Kg	U	120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Benz(a)anthracene	480	ug/Kg		120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2,6-Dinitrotoluene		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Aniline		ug/Kg	U	290	290
15 B3 0-2	BK28664	SW8270	11/26/2015	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Benzoic acid		ug/Kg	R	720	1800
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Hexachloroethane		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Isophorone		ug/Kg	U	100	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Pentachloronitrobenzene		ug/Kg	U	130	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Acenaphthene		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Diethyl phthalate		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Di-n-butylphthalate	110	ug/Kg	U	95	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Phenanthrene	790	ug/Kg		100	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Benzyl butyl phthalate		ug/Kg	U	92	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Fluorene		ug/Kg	U	120	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Carbazole		ug/Kg	U	270	1800
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Hexachlorobutadiene		ug/Kg	U	130	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Pentachlorophenol		ug/Kg	U	140	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2,4,6-Trichlorophenol		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2-Nitroaniline		ug/Kg	U	360	720
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2-Nitrophenol		ug/Kg	U	230	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Naphthalene		ug/Kg	U	100	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2-Methylnaphthalene		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2-Chloronaphthalene		ug/Kg	U	100	250



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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
15 B3 0-2	BK28664	SW8270	11/26/2015	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	720
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Benzidine		ug/Kg	U	210	720
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	1,2-Dichlorobenzene		ug/Kg	U	100	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2-Chlorophenol		ug/Kg	U	100	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Acetophenone		ug/Kg	U	110	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	Nitrobenzene		ug/Kg	U	130	250
15 B3 0-2	BK28664	SW8270	11/26/2015	1	3-Nitroaniline		ug/Kg	U	720	720
15 B3 0-2	BK28664	SW8270	11/26/2015	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15 B3 0-2	BK28664	SW9012	11/25/2015	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.23	0.46
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Di-n-butylphthalate	110	ug/Kg	U	110	280
15 B3 5-7	BK28665	E160.3	11/25/2015	1	SOLIDS, PERCENT	82	%			
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Lead	16.1	mg/Kg		0.41	0.8
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Magnesium	2250	mg/Kg		4.1	4.1
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Nickel	143	mg/Kg		0.41	0.41
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Potassium	376	mg/Kg		3.2	8
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Silver		mg/Kg	U	0.41	0.41
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Sodium	889	mg/Kg		3.5	8
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Thallium		mg/Kg	U	1.6	1.6
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Antimony		mg/Kg	U	2.1	2.1
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Arsenic	33.5	mg/Kg		0.82	0.8
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Barium	21.0	mg/Kg		0.41	0.8
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Beryllium		mg/Kg	U	0.16	0.33
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Cadmium	4.01	mg/Kg		0.16	0.41
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Chromium	69.6	mg/Kg		0.41	0.41
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Cobalt	92.7	mg/Kg		0.41	0.41
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Vanadium	92.8	mg/Kg		0.41	0.4
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Calcium	5910	mg/Kg		3.8	4.1
15 B3 5-7	BK28665	SW6010	11/28/2015	1	Selenium		mg/Kg	U	1.4	1.6
15 B3 5-7	BK28665	SW6010	11/28/2015	10	Aluminum	3260	mg/Kg		8.2	41
15 B3 5-7	BK28665	SW6010	11/28/2015	10	Copper	194	mg/Kg		4.1	4.1
15 B3 5-7	BK28665	SW6010	11/28/2015	10	Zinc		mg/Kg	U	4.1	8.2
15 B3 5-7	BK28665	SW6010	12/1/2015	100	Iron	222000	mg/Kg		410	410
15 B3 5-7	BK28665	SW6010	12/1/2015	100	Manganese	2750	mg/Kg		41	41
15 B3 5-7	BK28665	SW7471	12/1/2015	1	Mercury		mg/Kg	U	0.02	0.03



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Heptachlor epoxide		ug/Kg	U	7.9	7.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Endosulfan sulfate		ug/Kg	UJ	7.9	7.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Aldrin		ug/Kg	U	3.9	3.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	a-BHC		ug/Kg	U	7.9	7.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	b-BHC		ug/Kg	U	7.9	7.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	d-BHC		ug/Kg	U	7.9	7.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Endosulfan II		ug/Kg	U	7.9	7.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	4,4' -DDT		ug/Kg	U	2.4	2.4
15 B3 5-7	BK28665	SW8081	12/2/2015	2	a-Chlordane		ug/Kg	U	3.9	3.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	g-Chlordane		ug/Kg	U	3.9	3.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Endrin ketone		ug/Kg	U	7.9	7.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Chlordane		ug/Kg	U	39	39
15 B3 5-7	BK28665	SW8081	12/2/2015	2	g-BHC		ug/Kg	U	1.6	1.6
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Dieldrin		ug/Kg	U	3.9	3.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Endrin		ug/Kg	U	7.9	7.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Methoxychlor		ug/Kg	U	39	39
15 B3 5-7	BK28665	SW8081	12/2/2015	2	4,4' -DDD		ug/Kg	U	2.4	2.4
15 B3 5-7	BK28665	SW8081	12/2/2015	2	4,4' -DDE		ug/Kg	U	2.4	2.4
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Endrin aldehyde		ug/Kg	U	7.9	7.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Heptachlor		ug/Kg	U	7.9	7.9
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Toxaphene		ug/Kg	U	160	160
15 B3 5-7	BK28665	SW8081	12/2/2015	2	Endosulfan I		ug/Kg	U	7.9	7.9
15 B3 5-7	BK28665	SW8082	11/30/2015	2	PCB-1260		ug/Kg	U	39	39
15 B3 5-7	BK28665	SW8082	11/30/2015	2	PCB-1254		ug/Kg	U	39	39
15 B3 5-7	BK28665	SW8082	11/30/2015	2	PCB-1268		ug/Kg	U	39	39
15 B3 5-7	BK28665	SW8082	11/30/2015	2	PCB-1221		ug/Kg	U	39	39
15 B3 5-7	BK28665	SW8082	11/30/2015	2	PCB-1232		ug/Kg	U	39	39
15 B3 5-7	BK28665	SW8082	11/30/2015	2	PCB-1248		ug/Kg	U	39	39
15 B3 5-7	BK28665	SW8082	11/30/2015	2	PCB-1016		ug/Kg	U	39	39
15 B3 5-7	BK28665	SW8082	11/30/2015	2	PCB-1262		ug/Kg	U	39	39
15 B3 5-7	BK28665	SW8082	11/30/2015	2	PCB-1242		ug/Kg	U	39	39
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Ethylbenzene	65	ug/Kg	J	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Styrene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	cis-1,3-Dichloropropene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	trans-1,3-Dichloropropene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	n-Propylbenzene	68	ug/Kg	J	42	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	n-Butylbenzene		ug/Kg	U	23	230



**2401 3RD AVENUE
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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
15 B3 5-7	BK28665	SW8260	11/28/2015	50	4-Chlorotoluene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,4-Dichlorobenzene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,2-Dibromoethane		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Acrolein		ug/Kg	U	120	920
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,2-Dichloroethane		ug/Kg	U	20	20
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Acrylonitrile		ug/Kg	U	23	920
15 B3 5-7	BK28665	SW8260	11/28/2015	50	4-Methyl-2-pentanone		ug/Kg	U	230	1200
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,3,5-Trimethylbenzene	42	ug/Kg	J	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Bromobenzene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Toluene	99	ug/Kg	J	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Chlorobenzene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Tetrahydrofuran (THF)		ug/Kg	U	120	460
15 B3 5-7	BK28665	SW8260	11/28/2015	50	trans-1,4-dichloro-2-butene		ug/Kg	U	120	460
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,2,4-Trichlorobenzene		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,4-dioxane		ug/Kg	U	1800	1800
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Dibromochloromethane		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Tetrachloroethene		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	sec-Butylbenzene	75	ug/Kg	J	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,3-Dichloropropane		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	cis-1,2-Dichloroethene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	trans-1,2-Dichloroethene		ug/Kg	U	23	120
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	46	460
15 B3 5-7	BK28665	SW8260	11/28/2015	50	m&p-Xylene	140	ug/Kg	J	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	2-Isopropyltoluene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,3-Dichlorobenzene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Carbon tetrachloride		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,1-Dichloropropene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	2-Hexanone		ug/Kg	U	230	1200
15 B3 5-7	BK28665	SW8260	11/28/2015	50	2,2-Dichloropropane		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Acetone		ug/Kg	UJ	230	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Chloroform		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Benzene	65	ug/Kg	J	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,1,1-Trichloroethane		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Bromomethane		ug/Kg	U	92	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Chloromethane		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Dibromomethane		ug/Kg	U	46	230



**2401 3RD AVENUE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Bromochloromethane		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Chloroethane		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Vinyl chloride		ug/Kg	U	20	20
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Methylene chloride		ug/Kg	U	230	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Carbon Disulfide		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Bromoform		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Bromodichloromethane		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,1-Dichloroethane		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,1-Dichloroethene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Tert-butyl alcohol		ug/Kg	U	920	4600
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Trichlorofluoromethane		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Dichlorodifluoromethane		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Trichlorotrifluoroethane		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,2-Dichloropropane		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Methyl Ethyl Ketone		ug/Kg	U	230	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,1,2-Trichloroethane		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Trichloroethene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,2,3-Trichlorobenzene		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Hexachlorobutadiene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Naphthalene		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	o-Xylene	58	ug/Kg	J	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	2-Chlorotoluene		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,2-Dichlorobenzene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,2,4-Trimethylbenzene	110	ug/Kg	J	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	46	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	1,2,3-Trichloropropane		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	tert-Butylbenzene	41	ug/Kg	J	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	Isopropylbenzene	72	ug/Kg	J	23	230
15 B3 5-7	BK28665	SW8260	11/28/2015	50	p-Isopropyltoluene		ug/Kg	U	23	230
15 B3 5-7	BK28665	SW8270	11/26/2015	1	4-Nitroaniline		ug/Kg	U	130	790
15 B3 5-7	BK28665	SW8270	11/26/2015	1	4-Nitrophenol		ug/Kg	U	180	400
15 B3 5-7	BK28665	SW8270	11/26/2015	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2,4-Dimethylphenol		ug/Kg	U	98	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	1,4-Dichlorobenzene		ug/Kg	U	120	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	4-Chloroaniline		ug/Kg	U	180	320
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Phenol		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
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Pyridine		ug/Kg	U	97	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Di-n-octylphthalate		ug/Kg	U	100	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Hexachlorobenzene		ug/Kg	U	120	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Anthracene		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2,4-Dichlorophenol		ug/Kg	U	140	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2,4-Dinitrotoluene		ug/Kg	U	160	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Pyrene		ug/Kg	U	140	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Dimethylphthalate		ug/Kg	U	120	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Dibenzofuran		ug/Kg	U	120	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Fluoranthene		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Acenaphthylene		ug/Kg	U	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Chrysene		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Benzo(a)pyrene		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2,4-Dinitrophenol		ug/Kg	R	280	790
15 B3 5-7	BK28665	SW8270	11/26/2015	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	430	2000
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Dibenz(a,h)anthracene		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	1,3-Dichlorobenzene		ug/Kg	U	120	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Benz(a)anthracene		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2,6-Dinitrotoluene		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Aniline		ug/Kg	U	320	320
15 B3 5-7	BK28665	SW8270	11/26/2015	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Benzoic acid		ug/Kg	R	790	2000
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Hexachloroethane		ug/Kg	U	120	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	280



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Isophorone		ug/Kg	U	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Acenaphthene		ug/Kg	U	120	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Diethyl phthalate		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Phenanthrene		ug/Kg	U	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Fluorene		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Carbazole		ug/Kg	U	300	2000
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Hexachlorobutadiene		ug/Kg	U	140	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Pentachlorophenol		ug/Kg	U	150	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2,4,6-Trichlorophenol		ug/Kg	U	130	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2-Nitroaniline		ug/Kg	U	400	790
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2-Nitrophenol		ug/Kg	U	250	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Naphthalene	190	ug/Kg	J	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2-Methylnaphthalene		ug/Kg	U	120	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2-Chloronaphthalene		ug/Kg	U	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	790
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Benzidine		ug/Kg	U	230	790
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	1,2-Dichlorobenzene		ug/Kg	U	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2-Chlorophenol		ug/Kg	U	110	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Acetophenone		ug/Kg	U	120	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	Nitrobenzene		ug/Kg	U	140	280
15 B3 5-7	BK28665	SW8270	11/26/2015	1	3-Nitroaniline		ug/Kg	U	790	790
15 B3 5-7	BK28665	SW8270	11/26/2015	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15 B3 5-7	BK28665	SW9012	11/30/2015	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.28	0.55
15 B3 13-15	BK28666	E160.3	11/25/2015	1	SOLIDS, PERCENT	88	%			
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Ethylbenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Styrene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	cis-1,3-Dichloropropene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	trans-1,3-Dichloropropene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	n-Propylbenzene		ug/Kg	U	0.63	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	n-Butylbenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	4-Chlorotoluene		ug/Kg	U	0.35	3.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,4-Dichlorobenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,2-Dibromoethane		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Acrolein		ug/Kg	U	1.8	14
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,2-Dichloroethane		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Acrylonitrile		ug/Kg	U	0.35	14
15 B3 13-15	BK28666	SW8260	11/30/2015	1	4-Methyl-2-pentanone		ug/Kg	U	3.5	18
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Bromobenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Toluene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Chlorobenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Tetrahydrofuran (THF)		ug/Kg	U	1.8	7.0
15 B3 13-15	BK28666	SW8260	11/30/2015	1	trans-1,4-dichloro-2-butene		ug/Kg	U	1.8	7.0
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,4-dioxane		ug/Kg	U	28	70
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Dibromochloromethane		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Tetrachloroethene		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	sec-Butylbenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,3-Dichloropropane		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	cis-1,2-Dichloroethene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	trans-1,2-Dichloroethene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	0.70	7.0
15 B3 13-15	BK28666	SW8260	11/30/2015	1	m&p-Xylene		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	2-Isopropyltoluene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,3-Dichlorobenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Carbon tetrachloride		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,1-Dichloropropene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	2-Hexanone		ug/Kg	U	3.5	18
15 B3 13-15	BK28666	SW8260	11/30/2015	1	2,2-Dichloropropane		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	0.70	14
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Acetone	3.8	ug/Kg	J	3.5	35
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Chloroform		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Benzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,1,1-Trichloroethane		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Bromomethane		ug/Kg	UJ	1.4	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Chloromethane		ug/Kg	UJ	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Dibromomethane		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Bromochloromethane		ug/Kg	U	0.35	3.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Chloroethane		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Vinyl chloride		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Methylene chloride		ug/Kg	U	3.5	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Carbon Disulfide		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Bromoform		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Bromodichloromethane		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,1-Dichloroethane		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,1-Dichloroethene		ug/Kg	UJ	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Tert-butyl alcohol		ug/Kg	U	14	70
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Trichlorofluoromethane		ug/Kg	UJ	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Dichlorodifluoromethane		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Trichlorotrifluoroethane		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,2-Dichloropropane		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Methyl Ethyl Ketone		ug/Kg	U	3.5	21
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,1,2-Trichloroethane		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Trichloroethene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,2,3-Trichlorobenzene		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Hexachlorobutadiene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Naphthalene		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	o-Xylene		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	2-Chlorotoluene		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,2-Dichlorobenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	0.70	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	1,2,3-Trichloropropane		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	tert-Butylbenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	Isopropylbenzene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8260	11/30/2015	1	p-Isopropyltoluene		ug/Kg	U	0.35	3.5
15 B3 13-15	BK28666	SW8270	11/30/2015	1	4-Nitroaniline		ug/Kg	U	120	740
15 B3 13-15	BK28666	SW8270	11/30/2015	1	4-Nitrophenol		ug/Kg	U	170	370
15 B3 13-15	BK28666	SW8270	11/30/2015	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2,4-Dimethylphenol		ug/Kg	U	91	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	4-Chloroaniline		ug/Kg	U	170	290
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Phenol		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Pyridine		ug/Kg	U	91	260



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Bis(2-chloroethyl)ether		ug/Kg	U	99	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Di-n-octylphthalate		ug/Kg	U	95	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Hexachlorobenzene		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Anthracene		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2,4-Dichlorophenol		ug/Kg	U	130	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2,4-Dinitrotoluene		ug/Kg	U	140	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Pyrene		ug/Kg	U	130	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Dimethylphthalate		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Dibenzofuran		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Benzo(ghi)perylene		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Fluoranthene		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Acenaphthylene		ug/Kg	U	100	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Chrysene		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Bis(2-chloroisopropyl)ether		ug/Kg	UJ	100	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Benzo(a)pyrene		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2,4-Dinitrophenol		ug/Kg	R	260	740
15 B3 13-15	BK28666	SW8270	11/30/2015	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	400	1800
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Dibenz(a,h)anthracene		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Benz(a)anthracene		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2,6-Dinitrotoluene		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Aniline		ug/Kg	U	290	290
15 B3 13-15	BK28666	SW8270	11/30/2015	1	N-Nitrosodimethylamine		ug/Kg	U	100	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Benzoic acid		ug/Kg	R	740	1800
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Hexachloroethane		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Isophorone		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
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Pentachloronitrobenzene		ug/Kg	U	140	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Acenaphthene		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Diethyl phthalate		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Phenanthrene		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Benzyl butyl phthalate		ug/Kg	U	95	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Fluorene		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Carbazole		ug/Kg	U	280	1800
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Hexachlorobutadiene		ug/Kg	U	130	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Pentachlorophenol		ug/Kg	U	140	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2,4,6-Trichlorophenol		ug/Kg	U	120	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2-Nitroaniline		ug/Kg	U	370	740
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2-Nitrophenol		ug/Kg	U	230	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Naphthalene		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2-Methylnaphthalene		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2-Chloronaphthalene		ug/Kg	U	100	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	170	740
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Benzidine		ug/Kg	U	220	740
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	1,2-Dichlorobenzene		ug/Kg	U	100	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2-Chlorophenol		ug/Kg	U	100	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Acetophenone		ug/Kg	U	110	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Nitrobenzene		ug/Kg	U	130	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	3-Nitroaniline		ug/Kg	U	740	740
15 B3 13-15	BK28666	SW8270	11/30/2015	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	260
15 B3 13-15	BK28666	SW8270	11/30/2015	1	Di-n-butylphthalate		ug/Kg	U	98	260
15 B4 0-2	BK28667	E160.3	11/25/2015	1	SOLIDS, PERCENT	91	%			
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Magnesium	3660	mg/Kg		3.5	3.5
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Nickel	35.7	mg/Kg		0.35	0.35
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Potassium	1090	mg/Kg		2.7	7
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Silver		mg/Kg	U	0.35	0.35
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Sodium	204	mg/Kg		3.0	7
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Thallium		mg/Kg	U	1.4	1.4
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Antimony		mg/Kg	U	1.8	1.8
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Arsenic	19.5	mg/Kg		0.70	0.7



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Barium	48.9	mg/Kg		0.35	0.7
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Beryllium	0.28	mg/Kg	J	0.14	0.28
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Cadmium	1.58	mg/Kg		0.14	0.35
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Chromium	27.5	mg/Kg		0.35	0.35
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Cobalt	24.9	mg/Kg		0.35	0.35
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Copper	100	mg/Kg		0.35	0.35
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Vanadium	57.4	mg/Kg		0.35	0.4
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Zinc	95.5	mg/Kg		0.35	0.7
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Calcium	7990	mg/Kg		3.2	3.5
15 B4 0-2	BK28667	SW6010	11/28/2015	1	Selenium		mg/Kg	U	1.2	1.4
15 B4 0-2	BK28667	SW6010	11/28/2015	10	Aluminum	6980	mg/Kg		7.0	35
15 B4 0-2	BK28667	SW6010	11/28/2015	10	Manganese	1020	mg/Kg		3.5	3.5
15 B4 0-2	BK28667	SW6010	12/1/2015	100	Iron	97500	mg/Kg		350	350
15 B4 0-2	BK28667	SW6010	12/1/2015	100	Lead	2280	mg/Kg		35	70
15 B4 0-2	BK28667	SW7471	12/1/2015	1	Mercury	0.92	mg/Kg		0.02	0.03
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Heptachlor epoxide		ug/Kg	U	7.2	7.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Endosulfan sulfate		ug/Kg	UJ	7.2	7.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Aldrin		ug/Kg	U	3.6	3.6
15 B4 0-2	BK28667	SW8081	12/2/2015	2	a-BHC		ug/Kg	U	7.2	7.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	b-BHC		ug/Kg	U	7.2	7.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	d-BHC		ug/Kg	U	7.2	7.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Endosulfan II		ug/Kg	U	7.2	7.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	4,4' -DDT		ug/Kg	U	2.2	2.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	a-Chlordane		ug/Kg	U	3.6	3.6
15 B4 0-2	BK28667	SW8081	12/2/2015	2	g-Chlordane		ug/Kg	U	3.6	3.6
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Endrin ketone		ug/Kg	U	7.2	7.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Chlordane		ug/Kg	U	36	36
15 B4 0-2	BK28667	SW8081	12/2/2015	2	g-BHC		ug/Kg	U	1.4	1.4
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Dieldrin		ug/Kg	U	3.6	3.6
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Endrin		ug/Kg	U	7.2	7.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Methoxychlor		ug/Kg	U	36	36
15 B4 0-2	BK28667	SW8081	12/2/2015	2	4,4' -DDD		ug/Kg	U	2.2	2.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	4,4' -DDE		ug/Kg	U	2.2	2.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Endrin aldehyde		ug/Kg	U	7.2	7.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Heptachlor		ug/Kg	U	7.2	7.2
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Toxaphene		ug/Kg	U	140	140
15 B4 0-2	BK28667	SW8081	12/2/2015	2	Endosulfan I		ug/Kg	U	7.2	7.2



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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
15 B4 0-2	BK28667	SW8082	12/1/2015	2	PCB-1260		ug/Kg	U	36	36
15 B4 0-2	BK28667	SW8082	12/1/2015	2	PCB-1254		ug/Kg	U	36	36
15 B4 0-2	BK28667	SW8082	12/1/2015	2	PCB-1268		ug/Kg	U	36	36
15 B4 0-2	BK28667	SW8082	12/1/2015	2	PCB-1221		ug/Kg	U	36	36
15 B4 0-2	BK28667	SW8082	12/1/2015	2	PCB-1232		ug/Kg	U	36	36
15 B4 0-2	BK28667	SW8082	12/1/2015	2	PCB-1248		ug/Kg	U	36	36
15 B4 0-2	BK28667	SW8082	12/1/2015	2	PCB-1016		ug/Kg	U	36	36
15 B4 0-2	BK28667	SW8082	12/1/2015	2	PCB-1262		ug/Kg	U	36	36
15 B4 0-2	BK28667	SW8082	12/1/2015	2	PCB-1242		ug/Kg	U	36	36
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Ethylbenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Styrene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	cis-1,3-Dichloropropene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	trans-1,3-Dichloropropene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	n-Propylbenzene		ug/Kg	U	40	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	n-Butylbenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	4-Chlorotoluene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,4-Dichlorobenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,2-Dibromoethane		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Acrolein		ug/Kg	U	110	880
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,2-Dichloroethane		ug/Kg	U	20	20
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Acrylonitrile		ug/Kg	U	22	880
15 B4 0-2	BK28667	SW8260	11/28/2015	50	4-Methyl-2-pentanone		ug/Kg	U	220	1100
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,3,5-Trimethylbenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Bromobenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Toluene	55	ug/Kg	J	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Chlorobenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Tetrahydrofuran (THF)		ug/Kg	U	110	440
15 B4 0-2	BK28667	SW8260	11/28/2015	50	trans-1,4-dichloro-2-butene		ug/Kg	U	110	440
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,2,4-Trichlorobenzene		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,4-dioxane		ug/Kg	U	1800	1800
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Dibromochloromethane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Tetrachloroethene		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	sec-Butylbenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,3-Dichloropropane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	cis-1,2-Dichloroethene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	trans-1,2-Dichloroethene		ug/Kg	U	22	110
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	44	440



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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
15 B4 0-2	BK28667	SW8260	11/28/2015	50	m&p-Xylene		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	2-Isopropyltoluene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,3-Dichlorobenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Carbon tetrachloride		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,1-Dichloropropene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	2-Hexanone		ug/Kg	U	220	1100
15 B4 0-2	BK28667	SW8260	11/28/2015	50	2,2-Dichloropropane		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Acetone		ug/Kg	UJ	220	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Chloroform		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Benzene	43	ug/Kg	J	22	57
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,1,1-Trichloroethane		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Bromomethane		ug/Kg	U	88	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Chloromethane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Dibromomethane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Bromochloromethane		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Chloroethane		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Vinyl chloride		ug/Kg	U	20	20
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Methylene chloride		ug/Kg	U	220	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Carbon Disulfide		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Bromoform		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Bromodichloromethane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,1-Dichloroethane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,1-Dichloroethene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Tert-butyl alcohol		ug/Kg	U	880	4400
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Trichlorofluoromethane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Dichlorodifluoromethane		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Trichlorotrifluoroethane		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,2-Dichloropropane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Methyl Ethyl Ketone		ug/Kg	U	220	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,1,2-Trichloroethane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Trichloroethene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,2,3-Trichlorobenzene		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Hexachlorobutadiene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Naphthalene		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	o-Xylene		ug/Kg	U	44	220



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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
15 B4 0-2	BK28667	SW8260	11/28/2015	50	2-Chlorotoluene		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,2-Dichlorobenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,2,4-Trimethylbenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	44	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	1,2,3-Trichloropropane		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	tert-Butylbenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	Isopropylbenzene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8260	11/28/2015	50	p-Isopropyltoluene		ug/Kg	U	22	220
15 B4 0-2	BK28667	SW8270	11/26/2015	1	4-Nitroaniline		ug/Kg	U	120	730
15 B4 0-2	BK28667	SW8270	11/26/2015	1	4-Nitrophenol		ug/Kg	U	160	360
15 B4 0-2	BK28667	SW8270	11/26/2015	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2,4-Dimethylphenol		ug/Kg	U	90	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	1,4-Dichlorobenzene		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	4-Chloroaniline		ug/Kg	U	170	290
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Phenol		ug/Kg	U	120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Pyridine		ug/Kg	U	90	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Bis(2-chloroethyl)ether		ug/Kg	U	98	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	100	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Di-n-octylphthalate		ug/Kg	U	94	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Hexachlorobenzene		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Anthracene	450	ug/Kg		120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2,4-Dichlorophenol		ug/Kg	U	130	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2,4-Dinitrotoluene		ug/Kg	U	140	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	1,2-Diphenylhydrazine		ug/Kg	U	120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Pyrene	2700	ug/Kg		130	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Dimethylphthalate		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Dibenzofuran		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Benzo(ghi)perylene	700	ug/Kg		120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Indeno(1,2,3-cd)pyrene	820	ug/Kg		120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Benzo(b)fluoranthene	1100	ug/Kg		120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Fluoranthene	3100	ug/Kg		120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Benzo(k)fluoranthene	1100	ug/Kg		120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Acenaphthylene	110	ug/Kg	J	100	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Chrysene	1500	ug/Kg		120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	250



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Benzo(a)pyrene	1300	ug/Kg		120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2,4-Dinitrophenol		ug/Kg	R	250	730
15 B4 0-2	BK28667	SW8270	11/26/2015	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	390	1800
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Dibenz(a,h)anthracene	180	ug/Kg	J	120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	1,3-Dichlorobenzene		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Benz(a)anthracene	1600	ug/Kg		120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	4-Chloro-3-methylphenol		ug/Kg	U	130	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2,6-Dinitrotoluene		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Aniline		ug/Kg	U	290	290
15 B4 0-2	BK28667	SW8270	11/26/2015	1	N-Nitrosodimethylamine		ug/Kg	U	100	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Benzoic acid		ug/Kg	R	730	1800
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Hexachloroethane		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	4-Chlorophenyl phenyl ether		ug/Kg	U	120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Isophorone		ug/Kg	U	100	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Pentachloronitrobenzene		ug/Kg	U	140	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Acenaphthene		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Diethyl phthalate		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Di-n-butylphthalate		ug/Kg	U	97	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Phenanthrene	1400	ug/Kg		100	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Benzyl butyl phthalate		ug/Kg	U	94	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	N-Nitrosodiphenylamine		ug/Kg	U	140	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Fluorene		ug/Kg	U	120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Carbazole		ug/Kg	U	280	1800
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Hexachlorobutadiene		ug/Kg	U	130	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Pentachlorophenol		ug/Kg	U	140	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2,4,6-Trichlorophenol		ug/Kg	U	120	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2-Nitroaniline		ug/Kg	U	370	730
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2-Nitrophenol		ug/Kg	U	230	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Naphthalene		ug/Kg	U	100	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2-Methylnaphthalene		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2-Chloronaphthalene		ug/Kg	U	100	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	3,3'-Dichlorobenzidine		ug/Kg	U	170	730
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Benzidine		ug/Kg	U	210	730
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2-Methylphenol (o-cresol)		ug/Kg	U	170	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	1,2-Dichlorobenzene		ug/Kg	U	100	250



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2-Chlorophenol		ug/Kg	U	100	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	2,4,5-Trichlorophenol		ug/Kg	U	200	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Acetophenone		ug/Kg	U	110	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	Nitrobenzene		ug/Kg	U	130	250
15 B4 0-2	BK28667	SW8270	11/26/2015	1	3-Nitroaniline		ug/Kg	U	730	730
15 B4 0-2	BK28667	SW8270	11/26/2015	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	140	250
15 B4 0-2	BK28667	SW9012	11/30/2015	1	Total Cyanide (SW9010C Distill.)	0.956	mg/Kg		0.27	0.55
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Di-n-butylphthalate		ug/Kg	U	100	280
15 B4 6-8	BK28668	E160.3	11/25/2015	1	SOLIDS, PERCENT	83	%			
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Lead	37.6	mg/Kg		0.41	0.8
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Nickel	22.7	mg/Kg		0.41	0.41
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Potassium	1750	mg/Kg		3.2	8
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Silver		mg/Kg	U	0.41	0.41
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Sodium	810	mg/Kg		3.5	8
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Thallium		mg/Kg	U	1.6	1.6
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Antimony		mg/Kg	U	2.0	2.0
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Arsenic	2.1	mg/Kg		0.81	0.8
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Barium	33.4	mg/Kg		0.41	0.8
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Beryllium	0.40	mg/Kg		0.16	0.33
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Cadmium	0.61	mg/Kg		0.16	0.41
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Chromium	20.2	mg/Kg		0.41	0.41
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Cobalt	19.0	mg/Kg		0.41	0.41
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Copper	21.1	mg/Kg		0.41	0.41
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Vanadium	25.7	mg/Kg		0.41	0.4
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Zinc	34.1	mg/Kg		0.41	0.8
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Calcium	10400	mg/Kg		3.7	4.1
15 B4 6-8	BK28668	SW6010	11/28/2015	1	Selenium		mg/Kg	U	1.4	1.6
15 B4 6-8	BK28668	SW6010	11/28/2015	10	Aluminum	8910	mg/Kg		8.1	41
15 B4 6-8	BK28668	SW6010	11/28/2015	10	Iron	47700	mg/Kg		41	41
15 B4 6-8	BK28668	SW6010	11/28/2015	10	Magnesium	6310	mg/Kg		41	41
15 B4 6-8	BK28668	SW6010	11/28/2015	10	Manganese	741	mg/Kg		4.1	4.1
15 B4 6-8	BK28668	SW7471	12/1/2015	1	Mercury		mg/Kg	U	0.02	0.03
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Heptachlor epoxide		ug/Kg	U	7.9	7.9
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Endosulfan sulfate		ug/Kg	UJ	7.9	7.9
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Aldrin		ug/Kg	U	4.0	4.0
15 B4 6-8	BK28668	SW8081	12/2/2015	2	a-BHC		ug/Kg	U	7.9	7.9



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B4 6-8	BK28668	SW8081	12/2/2015	2	b-BHC		ug/Kg	U	7.9	7.9
15 B4 6-8	BK28668	SW8081	12/2/2015	2	d-BHC		ug/Kg	U	7.9	7.9
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Endosulfan II		ug/Kg	U	7.9	7.9
15 B4 6-8	BK28668	SW8081	12/2/2015	2	4,4' -DDT		ug/Kg	U	2.4	2.4
15 B4 6-8	BK28668	SW8081	12/2/2015	2	a-Chlordane		ug/Kg	U	4.0	4.0
15 B4 6-8	BK28668	SW8081	12/2/2015	2	g-Chlordane		ug/Kg	U	4.0	4.0
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Endrin ketone		ug/Kg	U	7.9	7.9
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Chlordane		ug/Kg	U	40	40
15 B4 6-8	BK28668	SW8081	12/2/2015	2	g-BHC		ug/Kg	U	1.6	1.6
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Dieldrin		ug/Kg	U	4.0	4.0
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Endrin		ug/Kg	U	7.9	7.9
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Methoxychlor		ug/Kg	U	40	40
15 B4 6-8	BK28668	SW8081	12/2/2015	2	4,4' -DDD		ug/Kg	U	2.4	2.4
15 B4 6-8	BK28668	SW8081	12/2/2015	2	4,4' -DDE		ug/Kg	U	2.4	2.4
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Endrin aldehyde		ug/Kg	U	7.9	7.9
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Heptachlor		ug/Kg	U	7.9	7.9
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Toxaphene		ug/Kg	U	160	160
15 B4 6-8	BK28668	SW8081	12/2/2015	2	Endosulfan I		ug/Kg	U	7.9	7.9
15 B4 6-8	BK28668	SW8082	12/1/2015	2	PCB-1260		ug/Kg	U	40	40
15 B4 6-8	BK28668	SW8082	12/1/2015	2	PCB-1254		ug/Kg	U	40	40
15 B4 6-8	BK28668	SW8082	12/1/2015	2	PCB-1268		ug/Kg	U	40	40
15 B4 6-8	BK28668	SW8082	12/1/2015	2	PCB-1221		ug/Kg	U	40	40
15 B4 6-8	BK28668	SW8082	12/1/2015	2	PCB-1232		ug/Kg	U	40	40
15 B4 6-8	BK28668	SW8082	12/1/2015	2	PCB-1248		ug/Kg	U	40	40
15 B4 6-8	BK28668	SW8082	12/1/2015	2	PCB-1016		ug/Kg	U	40	40
15 B4 6-8	BK28668	SW8082	12/1/2015	2	PCB-1262		ug/Kg	U	40	40
15 B4 6-8	BK28668	SW8082	12/1/2015	2	PCB-1242		ug/Kg	U	40	40
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Ethylbenzene	61	ug/Kg	J	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Styrene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	cis-1,3-Dichloropropene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	trans-1,3-Dichloropropene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	n-Propylbenzene		ug/Kg	U	61	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	n-Butylbenzene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	4-Chlorotoluene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,4-Dichlorobenzene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,2-Dibromoethane		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Acrolein		ug/Kg	U	170	1300



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,2-Dichloroethane		ug/Kg	U	34	34
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Acrylonitrile		ug/Kg	U	34	1300
15 B4 6-8	BK28668	SW8260	11/28/2015	50	4-Methyl-2-pentanone		ug/Kg	U	340	1700
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,3,5-Trimethylbenzene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Bromobenzene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Toluene	87	ug/Kg	J	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Chlorobenzene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Tetrahydrofuran (THF)		ug/Kg	U	170	670
15 B4 6-8	BK28668	SW8260	11/28/2015	50	trans-1,4-dichloro-2-butene		ug/Kg	U	170	670
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,2,4-Trichlorobenzene		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,4-dioxane		ug/Kg	U	2700	2700
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Dibromochloromethane		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Tetrachloroethene		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	sec-Butylbenzene	44	ug/Kg	J	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,3-Dichloropropane		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	cis-1,2-Dichloroethene		ug/Kg	U	34	170
15 B4 6-8	BK28668	SW8260	11/28/2015	50	trans-1,2-Dichloroethene		ug/Kg	U	34	170
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	67	670
15 B4 6-8	BK28668	SW8260	11/28/2015	50	m&p-Xylene	140	ug/Kg	J	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	2-Isopropyltoluene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,3-Dichlorobenzene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Carbon tetrachloride		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,1-Dichloropropene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	2-Hexanone		ug/Kg	U	340	1700
15 B4 6-8	BK28668	SW8260	11/28/2015	50	2,2-Dichloropropane		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	67	1300
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Acetone		ug/Kg	UJ	340	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Chloroform		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Benzene	140	ug/Kg	J	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,1,1-Trichloroethane		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Bromomethane		ug/Kg	U	130	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Chloromethane		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Dibromomethane		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Bromochloromethane		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Chloroethane		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Vinyl chloride		ug/Kg	U	34	34
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Methylene chloride		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
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Carbon Disulfide		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Bromoform		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Bromodichloromethane		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,1-Dichloroethane		ug/Kg	U	67	170
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,1-Dichloroethene		ug/Kg	U	34	170
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Tert-butyl alcohol		ug/Kg	U	1300	6700
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Trichlorofluoromethane		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Dichlorodifluoromethane		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Trichlorotrifluoroethane		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,2-Dichloropropane		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Methyl Ethyl Ketone		ug/Kg	U	340	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,1,2-Trichloroethane		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Trichloroethene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,2,3-Trichlorobenzene		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Hexachlorobutadiene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Naphthalene		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	o-Xylene		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	2-Chlorotoluene		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,2-Dichlorobenzene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,2,4-Trimethylbenzene	91	ug/Kg	J	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	67	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	1,2,3-Trichloropropane		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	tert-Butylbenzene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	Isopropylbenzene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8260	11/28/2015	50	p-Isopropyltoluene		ug/Kg	U	34	340
15 B4 6-8	BK28668	SW8270	11/26/2015	1	4-Nitroaniline		ug/Kg	U	130	790
15 B4 6-8	BK28668	SW8270	11/26/2015	1	4-Nitrophenol		ug/Kg	U	180	390
15 B4 6-8	BK28668	SW8270	11/26/2015	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2,4-Dimethylphenol		ug/Kg	U	98	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	1,4-Dichlorobenzene		ug/Kg	U	120	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	4-Chloroaniline		ug/Kg	U	180	310
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Phenol		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Pyridine		ug/Kg	U	97	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Di-n-octylphthalate		ug/Kg	U	100	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Hexachlorobenzene		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Anthracene		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2,4-Dichlorophenol		ug/Kg	U	140	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2,4-Dinitrotoluene		ug/Kg	U	160	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Pyrene		ug/Kg	U	140	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Dimethylphthalate		ug/Kg	U	120	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Dibenzofuran		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Benzo(b)fluoranthene		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Fluoranthene		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Acenaphthylene		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Chrysene		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Benzo(a)pyrene		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2,4-Dinitrophenol		ug/Kg	R	280	790
15 B4 6-8	BK28668	SW8270	11/26/2015	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	420	2000
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Dibenz(a,h)anthracene		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	1,3-Dichlorobenzene		ug/Kg	U	120	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Benz(a)anthracene		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2,6-Dinitrotoluene		ug/Kg	U	120	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Aniline		ug/Kg	U	310	310
15 B4 6-8	BK28668	SW8270	11/26/2015	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Benzoic acid		ug/Kg	R	790	2000
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Hexachloroethane		ug/Kg	U	120	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Isophorone		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Acenaphthene		ug/Kg	U	120	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Diethyl phthalate		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
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Phenanthrene		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Fluorene		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Carbazole		ug/Kg	U	300	2000
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Hexachlorobutadiene		ug/Kg	U	140	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Pentachlorophenol		ug/Kg	U	150	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2,4,6-Trichlorophenol		ug/Kg	U	130	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2-Nitroaniline		ug/Kg	U	400	790
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2-Nitrophenol		ug/Kg	U	250	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Naphthalene		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2-Methylnaphthalene		ug/Kg	U	120	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2-Chloronaphthalene		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	790
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Benzidine		ug/Kg	U	230	790
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	1,2-Dichlorobenzene		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2-Chlorophenol		ug/Kg	U	110	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Acetophenone		ug/Kg	U	120	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	Nitrobenzene		ug/Kg	U	140	280
15 B4 6-8	BK28668	SW8270	11/26/2015	1	3-Nitroaniline		ug/Kg	U	790	790
15 B4 6-8	BK28668	SW8270	11/26/2015	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280
15 B4 6-8	BK28668	SW9012	11/30/2015	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.27	0.55
15 B4 10-12	BK28669	E160.3	11/25/2015	1	SOLIDS, PERCENT	87	%			
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Ethylbenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Styrene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	cis-1,3-Dichloropropene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	trans-1,3-Dichloropropene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	n-Propylbenzene		ug/Kg	U	40	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	n-Butylbenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	4-Chlorotoluene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,4-Dichlorobenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,2-Dibromoethane		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Acrolein		ug/Kg	UJ	110	890
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,2-Dichloroethane		ug/Kg	U	20	20



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Acrylonitrile		ug/Kg	U	22	890
15 B4 10-12	BK28669	SW8260	11/28/2015	50	4-Methyl-2-pentanone		ug/Kg	U	220	1100
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,3,5-Trimethylbenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Bromobenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Toluene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Chlorobenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Tetrahydrofuran (THF)		ug/Kg	U	110	450
15 B4 10-12	BK28669	SW8260	11/28/2015	50	trans-1,4-dichloro-2-butene		ug/Kg	U	110	450
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,2,4-Trichlorobenzene		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,4-dioxane		ug/Kg	U	1800	4500
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Dibromochloromethane		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Tetrachloroethene		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	sec-Butylbenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,3-Dichloropropane		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	cis-1,2-Dichloroethene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	trans-1,2-Dichloroethene		ug/Kg	U	22	110
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	45	450
15 B4 10-12	BK28669	SW8260	11/28/2015	50	m&p-Xylene		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	2-Isopropyltoluene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,3-Dichlorobenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Carbon tetrachloride		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,1-Dichloropropene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	2-Hexanone		ug/Kg	U	220	1100
15 B4 10-12	BK28669	SW8260	11/28/2015	50	2,2-Dichloropropane		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Acetone		ug/Kg	UJ	220	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Chloroform		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Benzene		ug/Kg	U	22	58
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,1,1-Trichloroethane		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Bromomethane		ug/Kg	UJ	89	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Chloromethane		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Dibromomethane		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Bromochloromethane		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Chloroethane		ug/Kg	UJ	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Vinyl chloride		ug/Kg	U	20	20
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Methylene chloride		ug/Kg	U	220	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Carbon Disulfide		ug/Kg	U	45	220



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Bromoform		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Bromodichloromethane		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,1-Dichloroethane		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,1-Dichloroethene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Tert-butyl alcohol		ug/Kg	U	890	4500
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Trichlorofluoromethane		ug/Kg	UJ	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Dichlorodifluoromethane		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Trichlorotrifluoroethane		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,2-Dichloropropane		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Methyl Ethyl Ketone		ug/Kg	U	220	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,1,2-Trichloroethane		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Trichloroethene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,2,3-Trichlorobenzene		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Hexachlorobutadiene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Naphthalene		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	o-Xylene		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	2-Chlorotoluene		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,2-Dichlorobenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,2,4-Trimethylbenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	45	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	1,2,3-Trichloropropane		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	tert-Butylbenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	Isopropylbenzene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8260	11/28/2015	50	p-Isopropyltoluene		ug/Kg	U	22	220
15 B4 10-12	BK28669	SW8270	11/26/2015	1	4-Nitroaniline		ug/Kg	U	120	750
15 B4 10-12	BK28669	SW8270	11/26/2015	1	4-Nitrophenol		ug/Kg	U	170	370
15 B4 10-12	BK28669	SW8270	11/26/2015	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2,4-Dimethylphenol		ug/Kg	U	93	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	4-Chloroaniline		ug/Kg	U	170	300
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Phenol		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Pyridine		ug/Kg	U	92	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Di-n-octylphthalate		ug/Kg	U	96	260



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Hexachlorobenzene		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Anthracene		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2,4-Dichlorophenol		ug/Kg	U	130	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2,4-Dinitrotoluene		ug/Kg	U	150	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Pyrene		ug/Kg	U	130	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Dimethylphthalate		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Dibenzofuran		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Benzo(ghi)perylene		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Benzo(b)fluoranthene		ug/Kg	U	130	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Fluoranthene		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Benzo(k)fluoranthene		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Acenaphthylene		ug/Kg	U	100	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Chrysene		ug/Kg	U	130	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Benzo(a)pyrene		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2,4-Dinitrophenol		ug/Kg	R	260	750
15 B4 10-12	BK28669	SW8270	11/26/2015	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	400	1900
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Dibenz(a,h)anthracene		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Benz(a)anthracene		ug/Kg	U	130	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2,6-Dinitrotoluene		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Aniline		ug/Kg	U	300	300
15 B4 10-12	BK28669	SW8270	11/26/2015	1	N-Nitrosodimethylamine		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Benzoic acid		ug/Kg	R	750	1900
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Hexachloroethane		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Hexachlorocyclopentadiene		ug/Kg	UJ	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Isophorone		ug/Kg	U	100	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Pentachloronitrobenzene		ug/Kg	U	140	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Acenaphthene		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Diethyl phthalate		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Phenanthrene		ug/Kg	U	110	260



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Benzyl butyl phthalate		ug/Kg	U	96	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Fluorene		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Carbazole		ug/Kg	U	280	1900
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Hexachlorobutadiene		ug/Kg	U	140	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Pentachlorophenol		ug/Kg	U	140	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2,4,6-Trichlorophenol		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2-Nitroaniline		ug/Kg	U	380	750
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2-Nitrophenol		ug/Kg	U	240	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Naphthalene		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2-Methylnaphthalene		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2-Chloronaphthalene		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	750
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Benzidine		ug/Kg	U	220	750
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	1,2-Dichlorobenzene		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2-Chlorophenol		ug/Kg	U	110	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	2,4,5-Trichlorophenol		ug/Kg	U	200	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Acetophenone		ug/Kg	U	120	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Nitrobenzene		ug/Kg	U	130	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	3-Nitroaniline		ug/Kg	U	750	750
15 B4 10-12	BK28669	SW8270	11/26/2015	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
15 B4 10-12	BK28669	SW8270	11/26/2015	1	Di-n-butylphthalate	110	ug/Kg	U	99	260
15 B5 6-8	BK28670	E160.3	11/25/2015	1	SOLIDS, PERCENT	83	%			
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Ethylbenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Styrene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	cis-1,3-Dichloropropene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	trans-1,3-Dichloropropene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	n-Propylbenzene		ug/Kg	U	1.1	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	n-Butylbenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	4-Chlorotoluene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,4-Dichlorobenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,2-Dibromoethane		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Acrolein		ug/Kg	U	3.0	24
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,2-Dichloroethane		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Acrylonitrile		ug/Kg	U	0.59	24



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK28661**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B5 6-8	BK28670	SW8260	11/30/2015	1	4-Methyl-2-pentanone		ug/Kg	U	5.9	30
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Bromobenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Toluene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Chlorobenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Tetrahydrofuran (THF)		ug/Kg	U	3.0	12
15 B5 6-8	BK28670	SW8260	11/30/2015	1	trans-1,4-dichloro-2-butene		ug/Kg	U	3.0	12
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,4-dioxane		ug/Kg	U	47	94
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Dibromochloromethane		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Tetrachloroethene		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	sec-Butylbenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,3-Dichloropropane		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	cis-1,2-Dichloroethene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	trans-1,2-Dichloroethene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Methyl t-butyl ether (MTBE)	2.1	ug/Kg	J	1.2	12
15 B5 6-8	BK28670	SW8260	11/30/2015	1	m&p-Xylene		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	2-Isopropyltoluene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,3-Dichlorobenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Carbon tetrachloride		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,1-Dichloropropene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	2-Hexanone		ug/Kg	U	5.9	30
15 B5 6-8	BK28670	SW8260	11/30/2015	1	2,2-Dichloropropane		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.2	24
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Acetone	29	ug/Kg	J	5.9	47
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Chloroform		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Benzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,1,1-Trichloroethane		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Bromomethane		ug/Kg	UJ	2.4	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Chloromethane		ug/Kg	UJ	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Dibromomethane		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Bromochloromethane		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Chloroethane		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Vinyl chloride		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Methylene chloride		ug/Kg	U	5.9	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Carbon Disulfide		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Bromoform		ug/Kg	U	1.2	5.9



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK28661**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Bromodichloromethane		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,1-Dichloroethane		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,1-Dichloroethene		ug/Kg	UJ	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Tert-butyl alcohol		ug/Kg	U	24	120
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Trichlorofluoromethane		ug/Kg	UJ	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Dichlorodifluoromethane		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Trichlorotrifluoroethane		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,2-Dichloropropane		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Methyl Ethyl Ketone		ug/Kg	U	5.9	35
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,1,2-Trichloroethane		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Trichloroethene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Hexachlorobutadiene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Naphthalene		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	o-Xylene		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	2-Chlorotoluene		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,2-Dichlorobenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	1.2	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	1,2,3-Trichloropropane		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	tert-Butylbenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	Isopropylbenzene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8260	11/30/2015	1	p-Isopropyltoluene		ug/Kg	U	0.59	5.9
15 B5 6-8	BK28670	SW8270	11/26/2015	1	4-Nitroaniline		ug/Kg	U	130	800
15 B5 6-8	BK28670	SW8270	11/26/2015	1	4-Nitrophenol		ug/Kg	U	180	400
15 B5 6-8	BK28670	SW8270	11/26/2015	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2,4-Dimethylphenol		ug/Kg	U	99	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	1,4-Dichlorobenzene		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	4-Chloroaniline		ug/Kg	U	190	320
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Phenol		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Pyridine		ug/Kg	U	99	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Di-n-octylphthalate		ug/Kg	U	100	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Hexachlorobenzene		ug/Kg	U	120	280



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK28661**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Anthracene		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2,4-Dichlorophenol		ug/Kg	U	140	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2,4-Dinitrotoluene		ug/Kg	U	160	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Pyrene		ug/Kg	U	140	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Dimethylphthalate		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Dibenzofuran		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Benzo(ghi)perylene		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Benzo(b)fluoranthene		ug/Kg	U	140	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Fluoranthene		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Benzo(k)fluoranthene		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Acenaphthylene		ug/Kg	U	110	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Chrysene		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Benzo(a)pyrene		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2,4-Dinitrophenol		ug/Kg	R	280	800
15 B5 6-8	BK28670	SW8270	11/26/2015	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	430	2000
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Dibenz(a,h)anthracene		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	1,3-Dichlorobenzene		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Benz(a)anthracene		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2,6-Dinitrotoluene		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Aniline		ug/Kg	U	320	320
15 B5 6-8	BK28670	SW8270	11/26/2015	1	N-Nitrosodimethylamine		ug/Kg	U	110	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Benzoic acid		ug/Kg	R	800	2000
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Hexachloroethane		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Isophorone		ug/Kg	U	110	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Acenaphthene		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Diethyl phthalate		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Di-n-butylphthalate		ug/Kg	U	110	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Phenanthrene		ug/Kg	U	110	280



2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK28661

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Fluorene		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Carbazole		ug/Kg	U	300	2000
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Hexachlorobutadiene		ug/Kg	U	140	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Pentachlorophenol		ug/Kg	U	150	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2,4,6-Trichlorophenol		ug/Kg	U	130	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2-Nitroaniline		ug/Kg	U	400	800
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2-Nitrophenol		ug/Kg	U	250	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Naphthalene		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2-Methylnaphthalene		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2-Chloronaphthalene		ug/Kg	U	110	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	800
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Benzidine		ug/Kg	U	240	800
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2-Methylphenol (o-cresol)		ug/Kg	U	190	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	1,2-Dichlorobenzene		ug/Kg	U	110	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2-Chlorophenol		ug/Kg	U	110	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Acetophenone		ug/Kg	U	120	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	Nitrobenzene		ug/Kg	U	140	280
15 B5 6-8	BK28670	SW8270	11/26/2015	1	3-Nitroaniline		ug/Kg	U	800	800
15 B5 6-8	BK28670	SW8270	11/26/2015	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	160	280

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK27464
Client: Environmental Business Consultants
Date: 1/20/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seven (7) soil samples analyzed for Semi-volatiles by SW-846 Method 8270D in accordance with the NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/23/2015 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
15 B13 0-2	BK27464	11/20/15	SVO	Soil	
15 B13 6-8	BK27465	11/20/15	SVO	Soil	
15 B14 5-7	BK27466	11/20/15	SVO	Soil	
15 B21 6-8	BK27467	11/20/15	SVO	Soil	
15 B22 0-2	BK27468	11/20/15	SVO	Soil	
15 B22 6-8	BK27469	11/20/15	SVO	Soil	
SOIL DUPLICATE	BK27470	11/20/15	SVO	Soil	Field Duplicate for Sample 15 B13 0-2

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/MS Tuning:

1. All of the DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/23/2015 (CHEM12) 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.
2. Initial calibration curve analyzed on 11/11/2015 (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) with the following exception(s):

Compound	%RSD
Benzoic Acid	21.8

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B13 0-2	BK27464	Benzoic Acid	R ⁽¹⁾
15 B13 6-8	BK27465	Benzoic Acid	R ⁽¹⁾
15 B14 5-7	BK27466	Benzoic Acid	R ⁽¹⁾
15 B22 0-2	BK27468	Benzoic Acid	R ⁽¹⁾
15 B22 6-8	BK27469	Benzoic Acid	R ⁽¹⁾
SOIL DUPLICATE	BK27470	Benzoic Acid	R ⁽¹⁾

(1) Results for this compound were qualified as rejected due to low LCS recovery.

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/24/2015 @ 03:04 (CHEM12) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.
2. CCV analyzed on 11/23/2015 @ 23:26 (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
Benzoid Acid	-54.7

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B13 0-2	BK27464	Benzoid Acid	R ⁽¹⁾
15 B13 6-8	BK27465	Benzoid Acid	R ⁽¹⁾
15 B14 5-7	BK27466	Benzoid Acid	R ⁽¹⁾
15 B22 0-2	BK27468	Benzoid Acid	R ⁽¹⁾
15 B22 6-8	BK27469	Benzoid Acid	R ⁽¹⁾
SOIL DUPLICATE	BK27470	Benzoid Acid	R ⁽¹⁾

(1) Results for this compound were qualified as rejected due to low LCS recovery.

3. CCV analyzed on 11/24/2015 @ 09:10 (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
Benzoic Acid ⁽¹⁾	-70.0
Hexachlorocyclopentadiene	77.8
2,4-Dinitrophenol ⁽¹⁾	91.9
4,6-Dinitro-2-methylphenol	85.6
Benzidine	78.4

(1) Results for this compound were qualified as rejected due to low LCS recovery.

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B13 0-2	BK27464	Benzoic Acid, 2,4-Dinitrophenol, Benzidine ⁽²⁾ Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol,	R UJ
15 B13 6-8	BK27465	Benzoic Acid, 2,4-Dinitrophenol Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol Benzidine	R UJ UJ
15 B14 5-7	BK27466	Benzoic Acid, 2,4-Dinitrophenol Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol Benzidine	R UJ UJ
15 B22 0-2	BK27468	Benzoic Acid, 2,4-Dinitrophenol Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol Benzidine	R UJ UJ
15 B22 6-8	BK27469	Benzoic Acid, 2,4-Dinitrophenol Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol Benzidine	R UJ UJ
SOIL DUPLICATE	BK27470	Benzoic Acid, 2,4-Dinitrophenol Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol Benzidine	R UJ UJ

(2) Results for this compound were qualified as rejected due to low LCS recovery.

Surrogates:

1. Surrogate %REC values were within the QC acceptance limits with the following exception(s):

Client Sample ID	Laboratory Sample ID	Surrogate(s)	Compound	Action
15 B14 5-7	BK27466	2-Fluorophenol (27%)	N-Nitrosodimethylamine Pyridine	UJ UJ

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 (BK27464 BLANK) associated with the soil samples extracted on 11/23/2015 and analyzed on 11/23/2015 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 associated with Batch ID: BK27464 were analyzed on 11/23/2015. All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Benzoic Acid	0/0/NC	15 B13 0-2, 15 B13 6-8, 15 B14 5-7, 15 B21 6-8, 15 B22 0-2, 15 B22 6-8, SOIL DUPLICATE	R
2,4-Dinitrophenol	0/0/NC	15 B13 0-2, 15 B13 6-8, 15 B14 5-7, 15 B21 6-8, 15 B22 0-2, 15 B22 6-8, SOIL DUPLICATE	R
4,6-Dinitro-2-methylphenol	17/18/A	15 B13 0-2, 15 B13 6-8, 15 B14 5-7, 15 B21 6-8, 15 B22 0-2, 15 B22 6-8, SOIL DUPLICATE	UJ

A= Acceptable

Field Duplicate:

1. Sample SOIL DUPLICATE (BK27470) was collected as a field duplicate of sample 15 B13 0-2 (BK27464). All RPDs were < 50% with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15 B13 0-2	2-Methylnaphthalene	SW-846 8270	360	µg/Kg	SOIL DUPLICATE	510	µg/Kg	34.5	None
15 B13 0-2	Acenaphthene	SW-846 8270	ND	µg/Kg	SOIL DUPLICATE	2800	µg/Kg	NC	None
15 B13 0-2	Acenaphthylene	SW-846 8270	ND	µg/Kg	SOIL DUPLICATE	430	µg/Kg	NC	None
15 B13 0-2	Anthracene	SW-846 8270	ND	µg/Kg	SOIL DUPLICATE	2300	µg/Kg	168.0	J
15 B13 0-2	Benzo(a)anthracene	SW-846 8270	ND	µg/Kg	SOIL DUPLICATE	1300	µg/Kg	137.7	J

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15 B13 0-2	Benzo(a)Pyrene	SW-846 8270	ND	µg/Kg	SOIL DUPLICATE	1100	µg/Kg	125.9	J
15 B13 0-2	Benzo(b)fluoranthene	SW-846 8270	280	µg/Kg	SOIL DUPLICATE	1400	µg/Kg	133.3	J
15 B13 0-2	Benzo(ghi)perylene	SW-846 8270	300	µg/Kg	SOIL DUPLICATE	910	µg/Kg	100.8	J
15 B13 0-2	Benzo(k)fluoranthene	SW-846 8270	230	µg/Kg	SOIL DUPLICATE	760	µg/Kg	107.1	J
15 B13 0-2	Carbazole	SW-846 8270	ND	µg/Kg	SOIL DUPLICATE	520	µg/Kg	NC	None
15 B13 0-2	Chrysene	SW-846 8270	320	µg/Kg	SOIL DUPLICATE	1600	µg/Kg	133.3	J
15 B13 0-2	Dibenzofuran	SW-846 8270	120	µg/Kg	SOIL DUPLICATE	550	µg/Kg	128.4	J
15 B13 0-2	Fluoranthene	SW-846 8270	510	µg/Kg	SOIL DUPLICATE	5400	µg/Kg	165.5	J
15 B13 0-2	Fluorene	SW-846 8270	ND	µg/Kg	SOIL DUPLICATE	980	µg/Kg	NC	None
15 B13 0-2	Indeno(1,2,3-cd)pyrene	SW-846 8270	230	µg/Kg	SOIL DUPLICATE	640	µg/Kg	94.3	J
15 B13 0-2	Naphthalene	SW-846 8270	310	µg/Kg	SOIL DUPLICATE	340	µg/Kg	9.2	None
15 B13 0-2	Phenanthrene	SW-846 8270	600	µg/Kg	SOIL DUPLICATE	4100	µg/Kg	148.9	J
15 B13 0-2	Pyrene	SW-846 8270	570	µg/Kg	SOIL DUPLICATE	6900	µg/Kg	169.5	J

ND – Not detected

NC – Not calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 B13 0-2 (BK27464). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R	Sample Affected	Action
Pyridine	A/26/A	15 B13 0-2	UJ
Aniline	26/23/A	15 B13 0-2	UJ
Benzoic Acid	A/29/38.9	15 B13 0-2	R ⁽¹⁾
2,4-Dinitrophenol	A/29/41.1	15 B13 0-2	R ⁽¹⁾
4,6-Dinitro-2-methylphenol	A/A/30.8	15 B13 0-2	UJ ⁽²⁾
Benzidine	0/0/NC	15 B13 0-2	R
3,3'-Dichlorobenzidine	19/17/A	15 B13 0-2	UJ

A= Acceptable NC=Not calculated

(1) Results for these compounds were qualified as rejected due to low LCS recovery.

(2) Results for this compound were qualified due to LCS recovery criteria.

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

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

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 (BK27464)

Pyrene

Sample weight= 15g

Volume purged=1.0ml

DF = 1

%Solids=NA

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{652360 \times 40 \times 1 \times 1000}{484328 \times 1.295 \times 15} = 2773.618 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Pyrene	2773	2773	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: GBK27464.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK27464.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK27464
Client: Environmental Business Consultants
Date: 01/22/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seven (7) 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 11/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/23/2015 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
15 B13 0-2	BK27464	11/20/15	VOA	Soil	
15 B13 6-8	BK27465	11/20/15	VOA	Soil	
15 B14 5-7	BK27466	11/20/15	VOA	Soil	
15 B21 6-8	BK27467	11/20/15	VOA	Soil	
15 B22 0-2	BK27468	11/20/15	VOA	Soil	
15 B22 6-8	BK27469	11/20/15	VOA	Soil	
SOIL DUPLICATE	BK27470	11/20/15	VOA	Soil	Field Duplicate for Sample 15 B13 0-2

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within 14 days from sample collection. No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/22/2015 (Chem18) 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	20.5
1,2-Dibromo-3-Chloropropane	A	23.3

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B13 0-2	BK27464	Acetone 1,2-Dibromo-3-Chloropropane	J UJ
15 B13 6-8	BK27465	Acetone, 1,2-Dibromo-3-Chloropropane	UJ
15 B14 5-7	BK27466	Acetone, 1,2-Dibromo-3-Chloropropane	UJ
15 B21 6-8	BK27467	Acetone 1,2-Dibromo-3-Chloropropane	J UJ
15 B22 0-2	BK27468	Acetone 1,2-Dibromo-3-Chloropropane	J UJ
15 B22 6-8	BK27469	Acetone 1,2-Dibromo-3-Chloropropane	J UJ
SOIL DUPLICATE	BK27470	Acetone 1,2-Dibromo-3-Chloropropane	J UJ

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/24/2015 @ 07:51 (CHEM18) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.
2. CCV analyzed on 11/24/2015 @ 19:34 (CHEM18) 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
Methylene Chloride	29.4
Methyl Ethyl Ketone	21.8
4-Chlorotoluene	22.1
1,2,4-Trimethylbenzene	20.4
1,3-Dichlorobenzene	25.4
1,4-Dichlorobenzene	25.3
1,2-Dichlorobenzene	22.3
Hexachlorobutadiene	22.5
1,2,4-Trichlorobenzene	31.8
1,2,3-Trichlorobenzene	22.9
1,4-Dioxane	23.9

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B13 0-2	BK27464	Methylene Chloride, Methyl Ethyl Ketone, 4-Chlorotoluene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, Hexachlorobutadiene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene, 1,4-Dioxane 1,2,4-Trimethylbenzene	UJ UJ UJ UJ UJ J

- CCV analyzed on 11/25/2015 @ 06:37 (CHEM18) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.
- CCV analyzed on 11/25/2015 @ 18:38 (CHEM18) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.
- CCV analyzed on 11/25/2015 @ 05:36 (CHEM18) 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
Acetone	23.1
Naphthalene	-25.6
Tert-butyl alcohol	-25.9
1,4-Dioxane	-23.2

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B22 6-8	BK27469	Acetone, Naphthalene Tert-butyl alcohol, 1,4-Dioxane	J UJ

Surrogates:

- All surrogates %RECs values for all soil samples and associated QC were within the laboratory control limits. No qualifications were required.

Internal Standard (IS) Area Performance:

- All samples exhibited acceptable area count for all three internal standards within the QC limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BK27464 Blank) analyzed on 11/24/2015 was free of contamination. No qualifications were required.
2. Method Blank (BK27758 Blank) analyzed on 11/25/2015 was free of contamination. No qualifications were required.
3. Method Blank (BK28580 Blank) analyzed on 11/25/2015 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: BK27464 were analyzed on 11/24/2015. 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: BK27758 were analyzed on 11/25/2015. 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: BK28580 were analyzed on 11/25/2015. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE (BK27470) was collected as a field duplicate of sample 15 B13 0-2 (BK27464). All RPDs were < 50% with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15 B13 0-2	1,2,4-Trimethylbenzene	SW-846 8260	85	µg/Kg	SOIL DUPLICATE	ND	µg/Kg	NC	None
15 B13 0-2	1,3,5-Trimethylbenzene	SW-846 8260	ND	µg/Kg	SOIL DUPLICATE	1.6	µg/Kg	NC	None
15 B13 0-2	Acetone	SW-846 8260	34	µg/Kg	SOIL DUPLICATE	18	µg/Kg	61.5	J
15 B13 0-2	Benzene	SW-846 8260	0.73	µg/Kg	SOIL DUPLICATE	ND	µg/Kg	NC	None
15 B13 0-2	Carbon Disulfide	SW-846 8260	3.8	µg/Kg	SOIL DUPLICATE	3.3	µg/Kg	14.1	None
15 B13 0-2	Ethylbenzene	SW-846 8260	45	µg/Kg	SOIL DUPLICATE	ND	µg/Kg	NC	None
15 B13 0-2	M&p-Xylene	SW-846 8260	210	µg/Kg	SOIL DUPLICATE	ND	µg/Kg	NC	None
15 B13 0-2	Naphthalene	SW-846 8260	170	µg/Kg	SOIL DUPLICATE	ND	µg/Kg	NC	None

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15 B13 0-2	o-Xylene	SW-846 8260	150	µg/Kg	SOIL DUPLICATE	ND	µg/Kg	NC	None
15 B13 0-2	Toluene	SW-846 8260	96	µg/Kg	SOIL DUPLICATE	ND	µg/Kg	NC	None

ND – Not detected

NC – Not calculated

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 B13 0-2 (BK27464). All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Chloroethane	20/19/A	15 B13 0-2	UJ
Bromomethane	A/61/A	15 B13 0-2	UJ
Trichlorofluoromethane	44/32/31.6	15 B13 0-2	UJ
Acrolein	A/69/A	15 B13 0-2	UJ
Acetone	A/64/A	15 B13 0-2	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. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual Calculation:

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

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 B14 5-7 (BK27466)

Carbon Disulfide

Sample weight: 3.84g
 Final volume: 5ml
 %Solids: 84%
 Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{20959 \times 50 \times 5\text{ml} \times 1}{179708 \times 2.457 \times 3.84\text{g} \times 0.84} = 3.679\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Carbon Disulfide	3.7	3.7	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: GBK27464.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK27464.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK27464
Client: Environmental Business Consultants
Date: 01/20/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for five (5) soil samples analyzed for Pesticides by SW-846 Method 8081B in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/23/2015 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
15 B13 0-2	BK27464	11/20/15	Pesticides	Soil	
15 B13 6-8	BK27465	11/20/15	Pesticides	Soil	
15 B22 0-2	BK27468	11/20/15	Pesticides	Soil	
15 B22 6-8	BK27469	11/20/15	Pesticides	Soil	
SOIL DUPLICATE	BK27470	11/20/15	Pesticides	Soil	Field Duplicate for Sample 15 B13 0-2

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/ECD Instrument Performance Check:

1. 4,4'-DDT and Endrin breakdown exhibited acceptable results ($\pm 20\%$). No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/17/2015 (ECD13) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on both columns. No qualifications were required.
2. Initial calibration curve analyzed on 11/05/2015 (ECD4) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/24, 25, 26, & 30/2015 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds on both columns with the following exception(s):

Compound	Column	%D
4,4'-DDE	A	22
Endosulfan I	A	26

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B13 6-8	BK27465	4,4'-DDE (Reported from column B)	None
15 B22 0-2	BK27468	4,4'-DDE (Reported from column B)	None
SOIL DUPLICATE	BK27470	4,4'-DDE (Reported from column B)	None
15 B13 0-2	BK27464	Endosulfan I (Reported from column B)	None

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 (BK27464 BL) associated with the soil samples extracted on 11/23/2015 and analyzed on 11/24/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BK27464 LCS was analyzed on 11/24/2015. All %RECs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE (BK27470) was collected as a field duplicate of sample 15 B13 0-2 (BK27464). All RPDs were $< 50\%$ with the following exception(s):

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15 B13 0-2	4,4'-DDD	SW-846 8081	3.1	µg/Kg	SOIL DUPLICATE	8	µg/Kg	88.3	J
15 B13 0-2	4,4'-DDE	SW-846 8081	7.9	µg/Kg	SOIL DUPLICATE	22	µg/Kg	94.3	J
15 B13 0-2	4,4'-DDD	SW-846 8081	9.4	µg/Kg	SOIL DUPLICATE	32	µg/Kg	109.2	J
15 B13 0-2	Endrin Aldehyde	SW-846 8081	ND	µg/Kg	SOIL DUPLICATE	220	µg/Kg	NC	None

ND – Not detected

NC – Not calculated

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 B13 0-2 (BK27464). 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. All %Ds for identification were within the acceptance criteria with the exception of 4,4'-DDT in sample SOIL DUPLICATE (52.4%) and 15 B22 0-2 (78.6%). Alpha-chlordane was qualified J in samples SOIL DUPLICATE and 15 B22 0-2.
4. Manual Calculation:

BK27464 LCS

Alpha-Chlordane

On Column concentration (B) = 41.9059ng

Sample Weight= 15.0g

DF = 2

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{41.9059\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 27.937\mu\text{g/kg}$$

Compound	Laboratory (µg/kg)	Validation (µg/kg)	%D
Alpha-Chlordane	27.9	27.9	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: GBK27464.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK27464.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK27464
Client: Environmental Business Consultants
Date: 01/21/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for five (5) soil samples analyzed for PCBs by SW-846 Method 8082A in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/23/2015 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 B13 0-2	BK27464	11/20/15	PCBs	Soil	
15 B13 6-8	BK27465	11/20/15	PCBs	Soil	
15 B22 0-2	BK27468	11/20/15	PCBs	Soil	
15 B22 6-8	BK27469	11/20/15	PCBs	Soil	
SOIL DUPLICATE	BK27470	11/20/15	PCBs	Soil	Field Duplicate for Sample 15 B13 0-2

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 10/22/2015 (ECD1) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/24-25/2015 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 (BK27464 BL) associated with the soil samples extracted on 11/23/2015 and analyzed on 11/24/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BK27464 were analyzed on 11/24/2015. All %RECs were within the laboratory control limits (50% - 150% [30%-150% for surrogates]). No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE (BK27470) was collected as a field duplicate of sample 15 B13 0-2 (BK27464). Results for both sample were non-detect with the exception of PCB-1260 (110 µg/Kg) in the Soil Duplicate sample. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 B13 0-2 (BK27464). 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:

BK27464 LCS

Aroclor-1016

On Column concentration (B)= 307.759ng
Sample weight= 15.0g
DF= 10
Vi= 5ml
%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{307.759\text{ng} \times 5\text{ml} \times 10}{15.0\text{g}} = 1025.863\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1030	1030	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: GBK27464.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK27464.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK27464
Client: Environmental Business Consultants
Date: 01/21/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for five (5) 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 11/20/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/23/2015 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
15 B13 0-2	BK27464	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B13 6-8	BK27465	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B22 0-2	BK27468	11/20/15	ICP, CVAA, Cyanide	Soil	
15 B22 6-8	BK27469	11/20/15	ICP, CVAA, Cyanide	Soil	
SOIL DUPLICATE	BK27470	11/20/15	ICP, CVAA, Cyanide	Soil	Field Duplicate for Sample 15 B13 0-2

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were 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 ICVs and CCVs %RECs values were within QC limits (90-110). No qualifications were required.

Mercury:

- 1 All correlation coefficient for Mercury calibration curve analyzed were ≥ 0.995 . No qualifications were required.
- 2 All ICVs and CCVs %REC values were within the QC limits (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 11/24/2015 %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Copper	11/24/15: 12:35	135.6	15 B13 0-2, 15 B13 6-8, 15 B22 0-2, 15 B22 6-8, SOIL DUPLICATE	J+
Zinc	11/24/15: 12:35	17.5	15 B13 0-2, 15 B13 6-8, 15 B22 0-2, 15 B22 6-8, SOIL DUPLICATE	J-
	11/24/15: 13:53	7.3		
Antimony	11/24/15: 12:35	66.7	15 B13 0-2, 15 B13 6-8, 15 B22 0-2	UJ
Iron	11/24/15: 5:36	65.0	15 B13 0-2, 15 B22 6-8, SOIL DUPLICATE	J- J

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	11/24/15: 5:40; 5:43	121.4	None	None

Blanks (Method Blank, ICB and CCB):

ICP-AES:

1. Method Blank-Soil (BK27257) digested on 11/23/2015 was free of contamination. No qualifications were required.
2. All ICB and CCBs were free of contamination. No qualifications were required.

Mercury:

1. All ICB and CCBs were free of contamination. No qualifications were required.
2. Method Blank (BK27464) digested on 11/24/2015 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 (BK27464) digested on 11/24/2015 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, 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. SOIL DUPLICATE (BK27470) was collected as a field duplicate of sample 15 B13 0-2 (BK27464). All RPDs were $\leq 50\%$ (or difference $< 2 \times \text{PQL}$ with the exception of arsenic, calcium, copper, lead, magnesium, and zinc.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD (or Difference)	Qualifier
15 B13 0-2	Aluminum	SW8466010C	5130	mg/kg	SOIL DUPLICATE	4720	mg/kg	8.3	None
15 B13 0-2	Arsenic	SW8466010C	14.2	mg/kg	SOIL DUPLICATE	6.7	mg/kg	71.8	J
15 B13 0-2	Barium	SW8466010C	95.7	mg/kg	SOIL DUPLICATE	104	mg/kg	8.3	None
15 B13 0-2	Beryllium	SW8466010C	0.39	mg/kg	SOIL DUPLICATE	0.27	mg/kg	36.4	None
15 B13 0-2	Cadmium	SW8466010C	0.79	mg/kg	SOIL DUPLICATE	1.04		27.3	None
15 B13 0-2	Calcium	SW8466010C	19400	mg/kg	SOIL DUPLICATE	32400	mg/kg	50.2	J
15 B13 0-2	Chromium	SW8466010C	15.3	mg/kg	SOIL DUPLICATE	21.7	mg/kg	34.6	None
15 B13 0-2	Cobalt	SW8466010C	8.28	mg/kg	SOIL DUPLICATE	7.10	mg/kg	15.3	None
15 B13 0-2	Copper	SW8466010C	44.8	mg/kg	SOIL DUPLICATE	75.8	mg/kg	51.4	J
15 B13 0-2	Iron	SW8466010C	29000	mg/kg	SOIL DUPLICATE	25900	mg/kg	11.3	None
15 B13 0-2	Lead	SW8466010C	89.3	mg/kg	SOIL DUPLICATE	497	mg/kg	139.1	J
15 B13 0-2	Magnesium	SW8466010C	5670	mg/kg	SOIL DUPLICATE	11500	mg/kg	67.9	J
15 B13 0-2	Manganese	SW8466010C	216	mg/kg	SOIL DUPLICATE	284	mg/kg	27.2	None
15 B13 0-2	Mercury	SW8467471	0.06	mg/kg	SOIL DUPLICATE	0.09	mg/kg	40.0	None
15 B13 0-2	Nickel	SW8466010C	16.3	mg/kg	SOIL DUPLICATE	22.2	mg/kg	30.6	None
15 B13 0-2	Potassium	SW8466010C	829	mg/kg	SOIL DUPLICATE	993	mg/kg	18.0	None
15 B13 0-2	Sodium	SW8466010C	893	mg/kg	SOIL DUPLICATE	885	mg/kg	0.9	None
15 B13 0-2	Total Cyanide	SW8469012	0.400	mg/kg	SOIL DUPLICATE	ND	mg/kg	(0.1)	None
15 B13 0-2	Vanadium	SW8466010C	29.7	mg/kg	SOIL DUPLICATE	31.6	mg/kg	6.2	None
15 B13 0-2	Zinc	SW8466010C	100	mg/kg	SOIL DUPLICATE	225	mg/kg	76.9	J

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):**ICP-AES and Mercury:**

1. Matrix Spike (MS) was performed on sample 15 B13 0-2 (BK27464) for mercury. All %RECs were within the laboratory control limits. No qualifications were required.
2. Matrix Spike (MS) was not performed on sample from this SDG.

Cyanide:

1. Matrix Spike (MS) was performed on sample 15 B13 0-2 (BK27464). All RPDs 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 B13 0-2 (BK27464) for mercury and cyanide. All RPDs were within the laboratory control limits. No qualifications were required.
2. Sample Duplicate was not performed on sample from this SDG for ICP-AES.

ICP-AES Serial Dilution:

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

Verification of Instrumental Parameters:

1. The following Forms were present in the data package:
 - 1.1 Method Detection Limits, Form- X.
 - 1.2 ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
 - 1.3 ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual calculation:

Sample: 15 B13 0-2 (BK27464)

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 =85.0

DF=1.0

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{1318.202ug/L \times 50 \times 1.0 \times 1L \times 1000g \times 1mg}{0.81 \times 0.85 \times 1000ml \times 1 kg \times 1000ug} = 95.73 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Barium	95.7	95.7	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: GBK27464.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK27464.



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27464**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B13 0-2	BK27464	E160.3	11/23/15	1	SOLIDS, PERCENT	85	%			
15 B13 0-2	BK27464	SW6010	11/24/15	10	Aluminum	5130	mg/Kg		7.3	36
15 B13 0-2	BK27464	SW6010	11/24/15	1	Antimony		mg/Kg	UJ	1.8	1.8
15 B13 0-2	BK27464	SW6010	11/24/15	1	Arsenic	14.2	mg/Kg	J	0.73	0.7
15 B13 0-2	BK27464	SW6010	11/24/15	1	Barium	95.7	mg/Kg		0.36	0.7
15 B13 0-2	BK27464	SW6010	11/24/15	1	Beryllium	0.39	mg/Kg		0.15	0.29
15 B13 0-2	BK27464	SW6010	11/24/15	1	Cadmium	0.79	mg/Kg		0.15	0.36
15 B13 0-2	BK27464	SW6010	11/24/15	1	Chromium	15.3	mg/Kg		0.36	0.36
15 B13 0-2	BK27464	SW6010	11/24/15	1	Cobalt	8.28	mg/Kg		0.36	0.36
15 B13 0-2	BK27464	SW6010	11/24/15	10	Calcium	19400	mg/Kg	J	33	36
15 B13 0-2	BK27464	SW6010	11/24/15	10	Iron	29000	mg/Kg	J-	36	36
15 B13 0-2	BK27464	SW6010	11/24/15	1	Copper	44.8	mg/Kg	J+	0.36	0.36
15 B13 0-2	BK27464	SW6010	11/24/15	10	Manganese	216	mg/Kg		3.6	3.6
15 B13 0-2	BK27464	SW6010	11/24/15	1	Lead	89.3	mg/Kg	J	0.36	0.7
15 B13 0-2	BK27464	SW6010	11/24/15	1	Nickel	16.3	mg/Kg		0.36	0.36
15 B13 0-2	BK27464	SW6010	11/24/15	1	Potassium	829	mg/Kg		2.8	7
15 B13 0-2	BK27464	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.2	1.5
15 B13 0-2	BK27464	SW6010	11/24/15	10	Magnesium	5670	mg/Kg	J	36	36
15 B13 0-2	BK27464	SW6010	11/24/15	1	Silver		mg/Kg	U	0.36	0.36
15 B13 0-2	BK27464	SW6010	11/24/15	1	Sodium	893	mg/Kg		3.1	7
15 B13 0-2	BK27464	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.5	1.5
15 B13 0-2	BK27464	SW6010	11/24/15	1	Vanadium	29.7	mg/Kg		0.36	0.4
15 B13 0-2	BK27464	SW6010	11/24/15	1	Zinc	100	mg/Kg	J-	0.36	0.7
15 B13 0-2	BK27464	SW7471	11/25/15	1	Mercury	0.06	mg/Kg		0.02	0.03
15 B13 0-2	BK27464	SW8081	11/25/15	2	4,4' -DDD	3.1	ug/Kg	J	2.3	2.3
15 B13 0-2	BK27464	SW8081	11/25/15	2	4,4' -DDE	7.9	ug/Kg	J	2.3	2.3
15 B13 0-2	BK27464	SW8081	11/25/15	2	4,4' -DDT	9.4	ug/Kg	J	2.3	2.3
15 B13 0-2	BK27464	SW8081	11/25/15	2	Heptachlor epoxide		ug/Kg	U	7.8	7.8
15 B13 0-2	BK27464	SW8081	11/25/15	2	Endosulfan sulfate		ug/Kg	U	7.8	7.8
15 B13 0-2	BK27464	SW8081	11/25/15	2	Aldrin		ug/Kg	U	3.9	3.9
15 B13 0-2	BK27464	SW8081	11/25/15	2	a-BHC		ug/Kg	U	7.8	7.8
15 B13 0-2	BK27464	SW8081	11/25/15	2	b-BHC		ug/Kg	U	7.8	7.8
15 B13 0-2	BK27464	SW8081	11/25/15	2	d-BHC		ug/Kg	U	7.8	7.8
15 B13 0-2	BK27464	SW8081	11/25/15	2	Endosulfan II		ug/Kg	U	7.8	7.8
15 B13 0-2	BK27464	SW8081	11/25/15	2	a-Chlordane		ug/Kg	U	3.9	3.9
15 B13 0-2	BK27464	SW8081	11/25/15	2	g-Chlordane		ug/Kg	U	12	12
15 B13 0-2	BK27464	SW8081	11/25/15	2	Endrin ketone		ug/Kg	U	7.8	7.8
15 B13 0-2	BK27464	SW8081	11/25/15	2	Chlordane		ug/Kg	U	39	39



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27464**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B13 0-2	BK27464	SW8081	11/25/15	2	g-BHC		ug/Kg	U	2.0	2.0
15 B13 0-2	BK27464	SW8081	11/25/15	2	Dieldrin		ug/Kg	U	3.9	3.9
15 B13 0-2	BK27464	SW8081	11/25/15	2	Endrin		ug/Kg	U	7.8	7.8
15 B13 0-2	BK27464	SW8081	11/25/15	2	Methoxychlor		ug/Kg	U	39	39
15 B13 0-2	BK27464	SW8081	11/25/15	2	Endrin aldehyde		ug/Kg	U	7.8	7.8
15 B13 0-2	BK27464	SW8081	11/25/15	2	Heptachlor		ug/Kg	U	7.8	7.8
15 B13 0-2	BK27464	SW8081	11/25/15	2	Toxaphene		ug/Kg	U	160	160
15 B13 0-2	BK27464	SW8081	11/25/15	2	Endosulfan I		ug/Kg	U	7.8	7.8
15 B13 0-2	BK27464	SW8082	11/24/15	2	PCB-1260		ug/Kg	U	39	39
15 B13 0-2	BK27464	SW8082	11/24/15	2	PCB-1254		ug/Kg	U	39	39
15 B13 0-2	BK27464	SW8082	11/24/15	2	PCB-1268		ug/Kg	U	39	39
15 B13 0-2	BK27464	SW8082	11/24/15	2	PCB-1221		ug/Kg	U	39	39
15 B13 0-2	BK27464	SW8082	11/24/15	2	PCB-1232		ug/Kg	U	39	39
15 B13 0-2	BK27464	SW8082	11/24/15	2	PCB-1248		ug/Kg	U	39	39
15 B13 0-2	BK27464	SW8082	11/24/15	2	PCB-1016		ug/Kg	U	39	39
15 B13 0-2	BK27464	SW8082	11/24/15	2	PCB-1262		ug/Kg	U	39	39
15 B13 0-2	BK27464	SW8082	11/24/15	2	PCB-1242		ug/Kg	U	39	39
15 B13 0-2	BK27464	SW8260	11/24/15	50	1,2,4-Trimethylbenzene	85	ug/Kg	J	41	410
15 B13 0-2	BK27464	SW8260	11/24/15	1	Acetone	34	ug/Kg	J	5.9	50
15 B13 0-2	BK27464	SW8260	11/24/15	1	Styrene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	n-Propylbenzene		ug/Kg	U	1.1	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	n-Butylbenzene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	4-Chlorotoluene		ug/Kg	UJ	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,4-Dichlorobenzene		ug/Kg	UJ	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,2-Dibromoethane		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Acrolein		ug/Kg	UJ	3.0	24
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,2-Dichloroethane		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Acrylonitrile		ug/Kg	U	0.59	24
15 B13 0-2	BK27464	SW8260	11/24/15	1	4-Methyl-2-pentanone		ug/Kg	U	5.9	30
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Bromobenzene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Chlorobenzene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Tetrahydrofuran (THF)		ug/Kg	U	3.0	12
15 B13 0-2	BK27464	SW8260	11/24/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	3.0	12
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,2,4-Trichlorobenzene		ug/Kg	UJ	1.2	5.9



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BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27464**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,4-dioxane		ug/Kg	UJ	48	100
15 B13 0-2	BK27464	SW8260	11/24/15	1	Dibromochloromethane		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Tetrachloroethene		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	sec-Butylbenzene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,3-Dichloropropane		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.2	12
15 B13 0-2	BK27464	SW8260	11/24/15	1	2-Isopropyltoluene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,3-Dichlorobenzene		ug/Kg	UJ	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Carbon tetrachloride		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,1-Dichloropropene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	2-Hexanone		ug/Kg	U	5.9	30
15 B13 0-2	BK27464	SW8260	11/24/15	1	2,2-Dichloropropane		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.2	24
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Chloroform		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Bromomethane		ug/Kg	UJ	2.4	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Chloromethane		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Dibromomethane		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Bromochloromethane		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Chloroethane		ug/Kg	UJ	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Vinyl chloride		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Methylene chloride		ug/Kg	UJ	5.9	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Bromoform		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Bromodichloromethane		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,1-Dichloroethane		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,1-Dichloroethene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Tert-butyl alcohol		ug/Kg	U	24	120
15 B13 0-2	BK27464	SW8260	11/24/15	1	Trichlorofluoromethane		ug/Kg	UJ	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Dichlorodifluoromethane		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,2-Dichloropropane		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Methyl Ethyl Ketone		ug/Kg	UJ	5.9	36
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Trichloroethene		ug/Kg	U	0.59	5.9



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27464**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,2,3-Trichlorobenzene		ug/Kg	UJ	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Hexachlorobutadiene		ug/Kg	UJ	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	2-Chlorotoluene		ug/Kg	U	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,2-Dichlorobenzene		ug/Kg	UJ	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	tert-Butylbenzene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Isopropylbenzene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	p-Isopropyltoluene		ug/Kg	U	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Benzene	0.73	ug/Kg	J	0.59	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	1	Carbon Disulfide	3.8	ug/Kg	J	1.2	5.9
15 B13 0-2	BK27464	SW8260	11/24/15	50	Ethylbenzene	45	ug/Kg	J	41	410
15 B13 0-2	BK27464	SW8260	11/24/15	50	m&p-Xylene	210	ug/Kg	J	82	410
15 B13 0-2	BK27464	SW8260	11/24/15	50	Naphthalene	170	ug/Kg	J	82	410
15 B13 0-2	BK27464	SW8260	11/24/15	50	o-Xylene	150	ug/Kg	J	82	410
15 B13 0-2	BK27464	SW8260	11/24/15	50	Toluene	96	ug/Kg	J	41	410
15 B13 0-2	BK27464	SW8270	11/24/15	1	2-Methylnaphthalene	360	ug/Kg		110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Anthracene	200	ug/Kg	J	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Benz(a)anthracene	240	ug/Kg	J	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Benzo(a)pyrene	250	ug/Kg	J	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Naphthalene	310	ug/Kg		110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Benzo(b)fluoranthene	280	ug/Kg	J	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Benzo(ghi)perylene	300	ug/Kg	J	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	4-Nitroaniline		ug/Kg	U	130	770
15 B13 0-2	BK27464	SW8270	11/24/15	1	4-Nitrophenol		ug/Kg	U	170	380
15 B13 0-2	BK27464	SW8270	11/24/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	2,4-Dimethylphenol		ug/Kg	U	95	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	1,4-Dichlorobenzene		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	4-Chloroaniline		ug/Kg	U	180	310
15 B13 0-2	BK27464	SW8270	11/24/15	1	Phenol		ug/Kg	U	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Pyridine		ug/Kg	UJ	94	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Di-n-octylphthalate		ug/Kg	U	99	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Hexachlorobenzene		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27464**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B13 0-2	BK27464	SW8270	11/24/15	1	2,4-Dichlorophenol		ug/Kg	U	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	2,4-Dinitrotoluene		ug/Kg	U	150	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Benzo(k)fluoranthene	230	ug/Kg	J	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Dimethylphthalate		ug/Kg	U	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Acenaphthylene		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	2,4-Dinitrophenol		ug/Kg	R	270	770
15 B13 0-2	BK27464	SW8270	11/24/15	1	Dibenz(a,h)anthracene		ug/Kg	U	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	1,3-Dichlorobenzene		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	4-Chloro-3-methylphenol		ug/Kg	U	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	2,6-Dinitrotoluene		ug/Kg	U	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Aniline		ug/Kg	UJ	310	310
15 B13 0-2	BK27464	SW8270	11/24/15	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Hexachloroethane		ug/Kg	U	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Isophorone		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Pentachloronitrobenzene		ug/Kg	U	140	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Acenaphthene		ug/Kg	U	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Diethyl phthalate		ug/Kg	U	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Di-n-butylphthalate		ug/Kg	U	100	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Benzyl butyl phthalate		ug/Kg	U	99	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Fluorene		ug/Kg	U	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Carbazole		ug/Kg	U	290	1900
15 B13 0-2	BK27464	SW8270	11/24/15	1	Hexachlorobutadiene		ug/Kg	U	140	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Pentachlorophenol		ug/Kg	U	140	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	2,4,6-Trichlorophenol		ug/Kg	U	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	2-Nitroaniline		ug/Kg	U	390	770
15 B13 0-2	BK27464	SW8270	11/24/15	1	2-Nitrophenol		ug/Kg	U	240	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	2-Chloronaphthalene		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	180	770
15 B13 0-2	BK27464	SW8270	11/24/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	2-Chlorophenol		ug/Kg	U	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	270



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27464**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B13 0-2	BK27464	SW8270	11/24/15	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Acetophenone		ug/Kg	U	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Nitrobenzene		ug/Kg	U	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	3-Nitroaniline		ug/Kg	U	770	770
15 B13 0-2	BK27464	SW8270	11/24/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	410	1900
15 B13 0-2	BK27464	SW8270	11/24/15	1	Benzidine		ug/Kg	R	230	770
15 B13 0-2	BK27464	SW8270	11/24/15	1	Chrysene	320	ug/Kg	J	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Benzoic acid		ug/Kg	R	770	1900
15 B13 0-2	BK27464	SW8270	11/24/15	1	Dibenzofuran	120	ug/Kg	J	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Fluoranthene	510	ug/Kg	J	120	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Indeno(1,2,3-cd)pyrene	230	ug/Kg	J	130	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Phenanthrene	600	ug/Kg	J	110	270
15 B13 0-2	BK27464	SW8270	11/24/15	1	Pyrene	570	ug/Kg	J	130	270
15 B13 0-2	BK27464	SW9012	11/24/15	1	Total Cyanide (SW9010C Distill.)	0.400	mg/Kg	J	0.27	0.53
15 B13 6-8	BK27465	E160.3	11/23/15	1	SOLIDS, PERCENT	83	%			
15 B13 6-8	BK27465	SW6010	11/24/15	1	Aluminum	416	mg/Kg		0.83	4.1
15 B13 6-8	BK27465	SW6010	11/24/15	1	Iron	1100	mg/Kg	J-	4.1	4.1
15 B13 6-8	BK27465	SW6010	11/24/15	1	Lead	5.5	mg/Kg		0.41	0.8
15 B13 6-8	BK27465	SW6010	11/24/15	1	Magnesium	486	mg/Kg		4.1	4.1
15 B13 6-8	BK27465	SW6010	11/24/15	1	Manganese	61.9	mg/Kg		0.41	0.41
15 B13 6-8	BK27465	SW6010	11/24/15	1	Nickel	2.40	mg/Kg		0.41	0.41
15 B13 6-8	BK27465	SW6010	11/24/15	1	Potassium	153	mg/Kg		3.2	8
15 B13 6-8	BK27465	SW6010	11/24/15	1	Silver		mg/Kg	U	0.41	0.41
15 B13 6-8	BK27465	SW6010	11/24/15	1	Sodium	702	mg/Kg		3.5	8
15 B13 6-8	BK27465	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.7	1.7
15 B13 6-8	BK27465	SW6010	11/24/15	1	Antimony		mg/Kg	UJ	2.1	2.1
15 B13 6-8	BK27465	SW6010	11/24/15	1	Arsenic		mg/Kg	U	0.83	0.8
15 B13 6-8	BK27465	SW6010	11/24/15	1	Barium	2.7	mg/Kg		0.41	0.8
15 B13 6-8	BK27465	SW6010	11/24/15	1	Beryllium		mg/Kg	U	0.17	0.33
15 B13 6-8	BK27465	SW6010	11/24/15	1	Cadmium		mg/Kg	U	0.17	0.41
15 B13 6-8	BK27465	SW6010	11/24/15	1	Chromium	1.72	mg/Kg		0.41	0.41
15 B13 6-8	BK27465	SW6010	11/24/15	1	Cobalt	0.58	mg/Kg		0.41	0.41
15 B13 6-8	BK27465	SW6010	11/24/15	1	Copper	3.16	mg/Kg	J+	0.41	0.41
15 B13 6-8	BK27465	SW6010	11/24/15	1	Vanadium	1.6	mg/Kg		0.41	0.4
15 B13 6-8	BK27465	SW6010	11/24/15	1	Zinc	4.4	mg/Kg	J-	0.41	0.8



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27464**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B13 6-8	BK27465	SW6010	11/24/15	1	Calcium	1680	mg/Kg		3.8	4.1
15 B13 6-8	BK27465	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.4	1.7
15 B13 6-8	BK27465	SW7471	11/25/15	1	Mercury		mg/Kg	U	0.02	0.03
15 B13 6-8	BK27465	SW8081	11/24/15	2	Heptachlor epoxide		ug/Kg	U	7.9	7.9
15 B13 6-8	BK27465	SW8081	11/24/15	2	Endosulfan sulfate		ug/Kg	U	7.9	7.9
15 B13 6-8	BK27465	SW8081	11/24/15	2	Aldrin		ug/Kg	U	4.0	4.0
15 B13 6-8	BK27465	SW8081	11/24/15	2	a-BHC		ug/Kg	U	7.9	7.9
15 B13 6-8	BK27465	SW8081	11/24/15	2	b-BHC		ug/Kg	U	7.9	7.9
15 B13 6-8	BK27465	SW8081	11/24/15	2	d-BHC		ug/Kg	U	7.9	7.9
15 B13 6-8	BK27465	SW8081	11/24/15	2	Endosulfan II		ug/Kg	U	7.9	7.9
15 B13 6-8	BK27465	SW8081	11/24/15	2	4,4' -DDT		ug/Kg	U	2.4	2.4
15 B13 6-8	BK27465	SW8081	11/24/15	2	a-Chlordane		ug/Kg	U	4.0	4.0
15 B13 6-8	BK27465	SW8081	11/24/15	2	g-Chlordane		ug/Kg	U	4.0	4.0
15 B13 6-8	BK27465	SW8081	11/24/15	2	Endrin ketone		ug/Kg	U	7.9	7.9
15 B13 6-8	BK27465	SW8081	11/24/15	2	Chlordane		ug/Kg	U	40	40
15 B13 6-8	BK27465	SW8081	11/24/15	2	g-BHC		ug/Kg	U	1.6	1.6
15 B13 6-8	BK27465	SW8081	11/24/15	2	Dieldrin		ug/Kg	U	4.0	4.0
15 B13 6-8	BK27465	SW8081	11/24/15	2	Endrin		ug/Kg	U	7.9	7.9
15 B13 6-8	BK27465	SW8081	11/24/15	2	Methoxychlor		ug/Kg	U	40	40
15 B13 6-8	BK27465	SW8081	11/24/15	2	4,4' -DDD		ug/Kg	U	2.4	2.4
15 B13 6-8	BK27465	SW8081	11/24/15	2	4,4' -DDE		ug/Kg	U	2.4	2.4
15 B13 6-8	BK27465	SW8081	11/24/15	2	Endrin aldehyde		ug/Kg	U	7.9	7.9
15 B13 6-8	BK27465	SW8081	11/24/15	2	Heptachlor		ug/Kg	U	7.9	7.9
15 B13 6-8	BK27465	SW8081	11/24/15	2	Toxaphene		ug/Kg	U	160	160
15 B13 6-8	BK27465	SW8081	11/24/15	2	Endosulfan I		ug/Kg	U	7.9	7.9
15 B13 6-8	BK27465	SW8082	11/24/15	2	PCB-1260		ug/Kg	U	40	40
15 B13 6-8	BK27465	SW8082	11/24/15	2	PCB-1254		ug/Kg	U	40	40
15 B13 6-8	BK27465	SW8082	11/24/15	2	PCB-1268		ug/Kg	U	40	40
15 B13 6-8	BK27465	SW8082	11/24/15	2	PCB-1221		ug/Kg	U	40	40
15 B13 6-8	BK27465	SW8082	11/24/15	2	PCB-1232		ug/Kg	U	40	40
15 B13 6-8	BK27465	SW8082	11/24/15	2	PCB-1248		ug/Kg	U	40	40
15 B13 6-8	BK27465	SW8082	11/24/15	2	PCB-1016		ug/Kg	U	40	40
15 B13 6-8	BK27465	SW8082	11/24/15	2	PCB-1262		ug/Kg	U	40	40
15 B13 6-8	BK27465	SW8082	11/24/15	2	PCB-1242		ug/Kg	U	40	40
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Ethylbenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Styrene		ug/Kg	U	0.51	5.1



**2401 3RD AVENUE
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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
15 B13 6-8	BK27465	SW8260	11/25/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	n-Propylbenzene		ug/Kg	U	0.91	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	n-Butylbenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	4-Chlorotoluene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,2-Dibromoethane		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Acrolein		ug/Kg	U	2.5	20
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,2-Dichloroethane		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Acrylonitrile		ug/Kg	U	0.51	20
15 B13 6-8	BK27465	SW8260	11/25/15	1	4-Methyl-2-pentanone		ug/Kg	U	5.1	25
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Bromobenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Toluene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Chlorobenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
15 B13 6-8	BK27465	SW8260	11/25/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,4-dioxane		ug/Kg	U	40	100
15 B13 6-8	BK27465	SW8260	11/25/15	1	Dibromochloromethane		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Tetrachloroethene		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	sec-Butylbenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
15 B13 6-8	BK27465	SW8260	11/25/15	1	m&p-Xylene		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	2-Isopropyltoluene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Carbon tetrachloride		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,1-Dichloropropene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	2-Hexanone		ug/Kg	U	5.1	25
15 B13 6-8	BK27465	SW8260	11/25/15	1	2,2-Dichloropropane		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
15 B13 6-8	BK27465	SW8260	11/25/15	1	Chloroform		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Benzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.51	5.1



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B13 6-8	BK27465	SW8260	11/25/15	1	Bromomethane		ug/Kg	U	2.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Chloromethane		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Dibromomethane		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Bromochloromethane		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Chloroethane		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Vinyl chloride		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Methylene chloride		ug/Kg	U	5.1	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Carbon Disulfide		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Bromoform		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Bromodichloromethane		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,1-Dichloroethene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Tert-butyl alcohol		ug/Kg	U	20	100
15 B13 6-8	BK27465	SW8260	11/25/15	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Dichlorodifluoromethane		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Methyl Ethyl Ketone		ug/Kg	U	5.1	30
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Trichloroethene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Hexachlorobutadiene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Naphthalene		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	o-Xylene		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	2-Chlorotoluene		ug/Kg	U	1.0	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	tert-Butylbenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Isopropylbenzene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	p-Isopropyltoluene		ug/Kg	U	0.51	5.1
15 B13 6-8	BK27465	SW8260	11/25/15	1	Acetone		ug/Kg	UJ	5.1	50
15 B13 6-8	BK27465	SW8270	11/24/15	1	2,4-Dinitrophenol		ug/Kg	R	270	780
15 B13 6-8	BK27465	SW8270	11/24/15	1	4-Nitroaniline		ug/Kg	U	130	780
15 B13 6-8	BK27465	SW8270	11/24/15	1	4-Nitrophenol		ug/Kg	U	180	390
15 B13 6-8	BK27465	SW8270	11/24/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	270



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B13 6-8	BK27465	SW8270	11/24/15	1	2,4-Dimethylphenol		ug/Kg	U	97	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	1,4-Dichlorobenzene		ug/Kg	U	120	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	4-Chloroaniline		ug/Kg	U	180	310
15 B13 6-8	BK27465	SW8270	11/24/15	1	Phenol		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Pyridine		ug/Kg	U	96	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Di-n-octylphthalate		ug/Kg	U	100	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Hexachlorobenzene		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Anthracene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	2,4-Dichlorophenol		ug/Kg	U	140	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	2,4-Dinitrotoluene		ug/Kg	U	150	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	1,2-Diphenylhydrazine		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Pyrene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Dimethylphthalate		ug/Kg	U	120	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Dibenzofuran		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Benzo(ghi)perylene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Benzo(b)fluoranthene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Fluoranthene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Benzo(k)fluoranthene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Acenaphthylene		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Chrysene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Benzo(a)pyrene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Dibenz(a,h)anthracene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	1,3-Dichlorobenzene		ug/Kg	U	120	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Benz(a)anthracene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	4-Chloro-3-methylphenol		ug/Kg	U	140	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	2,6-Dinitrotoluene		ug/Kg	U	120	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Aniline		ug/Kg	U	310	310
15 B13 6-8	BK27465	SW8270	11/24/15	1	N-Nitrosodimethylamine		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	420	2000
15 B13 6-8	BK27465	SW8270	11/24/15	1	Hexachloroethane		ug/Kg	U	120	270



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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
15 B13 6-8	BK27465	SW8270	11/24/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Isophorone		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Pentachloronitrobenzene		ug/Kg	U	150	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Acenaphthene		ug/Kg	U	120	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Diethyl phthalate		ug/Kg	U	120	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Di-n-butylphthalate		ug/Kg	U	100	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Phenanthrene		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Benzyl butyl phthalate		ug/Kg	U	100	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	N-Nitrosodiphenylamine		ug/Kg	U	150	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Fluorene		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Carbazole		ug/Kg	U	300	2000
15 B13 6-8	BK27465	SW8270	11/24/15	1	Hexachlorobutadiene		ug/Kg	U	140	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Pentachlorophenol		ug/Kg	U	150	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	2,4,6-Trichlorophenol		ug/Kg	U	130	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	2-Nitroaniline		ug/Kg	U	390	780
15 B13 6-8	BK27465	SW8270	11/24/15	1	2-Nitrophenol		ug/Kg	U	250	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Naphthalene		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	2-Methylnaphthalene		ug/Kg	U	120	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	2-Chloronaphthalene		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	780
15 B13 6-8	BK27465	SW8270	11/24/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	1,2-Dichlorobenzene		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	2-Chlorophenol		ug/Kg	U	110	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	2,4,5-Trichlorophenol		ug/Kg	U	210	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Acetophenone		ug/Kg	U	120	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Nitrobenzene		ug/Kg	U	140	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	3-Nitroaniline		ug/Kg	U	780	780
15 B13 6-8	BK27465	SW8270	11/24/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	270
15 B13 6-8	BK27465	SW8270	11/24/15	1	Benzidine		ug/Kg	UJ	230	780
15 B13 6-8	BK27465	SW8270	11/24/15	1	Benzoic acid		ug/Kg	R	780	2000
15 B13 6-8	BK27465	SW8270	11/24/15	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	270
15 B13 6-8	BK27465	SW9012	11/24/15	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.25	0.50
15 B14 5-7	BK27466	E160.3	11/23/15	1	SOLIDS, PERCENT	84	%			
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Ethylbenzene	1.0	ug/Kg	J	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Styrene		ug/Kg	U	0.77	7.7



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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
15 B14 5-7	BK27466	SW8260	11/25/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	n-Propylbenzene		ug/Kg	U	1.4	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	n-Butylbenzene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	4-Chlorotoluene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,2-Dibromoethane		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Acrolein		ug/Kg	U	3.9	31
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,2-Dichloroethane		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Acrylonitrile		ug/Kg	U	0.77	31
15 B14 5-7	BK27466	SW8260	11/25/15	1	4-Methyl-2-pentanone		ug/Kg	U	7.7	39
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Bromobenzene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Toluene	2.3	ug/Kg	J	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Chlorobenzene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Tetrahydrofuran (THF)		ug/Kg	U	3.9	15
15 B14 5-7	BK27466	SW8260	11/25/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	3.9	15
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,4-dioxane		ug/Kg	U	62	100
15 B14 5-7	BK27466	SW8260	11/25/15	1	Dibromochloromethane		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Tetrachloroethene		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	sec-Butylbenzene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,3-Dichloropropane		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.5	15
15 B14 5-7	BK27466	SW8260	11/25/15	1	m&p-Xylene		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	2-Isopropyltoluene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Carbon tetrachloride		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,1-Dichloropropene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	2-Hexanone		ug/Kg	U	7.7	39
15 B14 5-7	BK27466	SW8260	11/25/15	1	2,2-Dichloropropane		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.5	31
15 B14 5-7	BK27466	SW8260	11/25/15	1	Chloroform		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Benzene	4.5	ug/Kg	J	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.77	7.7



**2401 3RD AVENUE
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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
15 B14 5-7	BK27466	SW8260	11/25/15	1	Bromomethane		ug/Kg	U	3.1	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Chloromethane		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Dibromomethane		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Bromochloromethane		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Chloroethane		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Vinyl chloride		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Methylene chloride		ug/Kg	U	7.7	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Carbon Disulfide	3.7	ug/Kg	J	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Bromoform		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Bromodichloromethane		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,1-Dichloroethane		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,1-Dichloroethene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Tert-butyl alcohol		ug/Kg	U	31	150
15 B14 5-7	BK27466	SW8260	11/25/15	1	Trichlorofluoromethane		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Dichlorodifluoromethane		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,2-Dichloropropane		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Methyl Ethyl Ketone		ug/Kg	U	7.7	46
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Trichloroethene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Hexachlorobutadiene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Naphthalene		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	o-Xylene		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	2-Chlorotoluene		ug/Kg	U	1.5	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	tert-Butylbenzene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Isopropylbenzene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	p-Isopropyltoluene		ug/Kg	U	0.77	7.7
15 B14 5-7	BK27466	SW8260	11/25/15	1	Acetone		ug/Kg	UJ	7.7	50
15 B14 5-7	BK27466	SW8270	11/24/15	1	Anthracene	200	ug/Kg	J	130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	2,4-Dinitrophenol		ug/Kg	R	280	790
15 B14 5-7	BK27466	SW8270	11/24/15	1	Benz(a)anthracene	580	ug/Kg		130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	420	2000



**2401 3RD AVENUE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B14 5-7	BK27466	SW8270	11/24/15	1	4-Nitroaniline		ug/Kg	U	130	790
15 B14 5-7	BK27466	SW8270	11/24/15	1	4-Nitrophenol		ug/Kg	U	180	390
15 B14 5-7	BK27466	SW8270	11/24/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	2,4-Dimethylphenol		ug/Kg	U	98	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	1,4-Dichlorobenzene		ug/Kg	U	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	4-Chloroaniline		ug/Kg	U	180	310
15 B14 5-7	BK27466	SW8270	11/24/15	1	Phenol		ug/Kg	U	130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Pyridine		ug/Kg	UJ	97	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Di-n-octylphthalate		ug/Kg	U	100	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Hexachlorobenzene		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	2,4-Dichlorophenol		ug/Kg	U	140	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	2,4-Dinitrotoluene		ug/Kg	U	150	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	1,2-Diphenylhydrazine		ug/Kg	U	130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Dimethylphthalate		ug/Kg	U	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Dibenzofuran		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Benzo(a)pyrene	480	ug/Kg		130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Acenaphthylene		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Benzo(b)fluoranthene	380	ug/Kg		130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Dibenz(a,h)anthracene		ug/Kg	U	130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	1,3-Dichlorobenzene		ug/Kg	U	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	4-Chloro-3-methylphenol		ug/Kg	U	140	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	2,6-Dinitrotoluene		ug/Kg	U	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Aniline		ug/Kg	U	310	310
15 B14 5-7	BK27466	SW8270	11/24/15	1	N-Nitrosodimethylamine		ug/Kg	UJ	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Hexachloroethane		ug/Kg	U	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Isophorone		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Pentachloronitrobenzene		ug/Kg	U	150	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Acenaphthene		ug/Kg	U	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Diethyl phthalate		ug/Kg	U	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Di-n-butylphthalate		ug/Kg	U	100	280



**2401 3RD AVENUE
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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
15 B14 5-7	BK27466	SW8270	11/24/15	1	Benzyl butyl phthalate		ug/Kg	U	100	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	N-Nitrosodiphenylamine		ug/Kg	U	150	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Fluorene		ug/Kg	U	130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Carbazole		ug/Kg	U	300	2000
15 B14 5-7	BK27466	SW8270	11/24/15	1	Hexachlorobutadiene		ug/Kg	U	140	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Pentachlorophenol		ug/Kg	U	150	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	2,4,6-Trichlorophenol		ug/Kg	U	130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	2-Nitroaniline		ug/Kg	U	400	790
15 B14 5-7	BK27466	SW8270	11/24/15	1	2-Nitrophenol		ug/Kg	U	250	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Naphthalene		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	2-Methylnaphthalene		ug/Kg	U	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	2-Chloronaphthalene		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	190	790
15 B14 5-7	BK27466	SW8270	11/24/15	1	Benzidine		ug/Kg	UJ	230	790
15 B14 5-7	BK27466	SW8270	11/24/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	1,2-Dichlorobenzene		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	2-Chlorophenol		ug/Kg	U	110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	140	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	2,4,5-Trichlorophenol		ug/Kg	U	220	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Acetophenone		ug/Kg	U	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Nitrobenzene		ug/Kg	U	140	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	3-Nitroaniline		ug/Kg	U	790	790
15 B14 5-7	BK27466	SW8270	11/24/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Benzo(ghi)perylene	240	ug/Kg	J	130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Benzo(k)fluoranthene	500	ug/Kg		130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Chrysene	580	ug/Kg		130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Fluoranthene	1100	ug/Kg		130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Benzoic acid		ug/Kg	R	790	2000
15 B14 5-7	BK27466	SW8270	11/24/15	1	Indeno(1,2,3-cd)pyrene	260	ug/Kg	J	130	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Phenanthrene	740	ug/Kg		110	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	280
15 B14 5-7	BK27466	SW8270	11/24/15	1	Pyrene	1000	ug/Kg		140	280
15 B21 6-8	BK27467	E160.3	11/23/15	1	SOLIDS, PERCENT	60	%			
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Ethylbenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Styrene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.74	7.4



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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
15 B21 6-8	BK27467	SW8260	11/25/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	n-Propylbenzene		ug/Kg	U	1.3	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	n-Butylbenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	4-Chlorotoluene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,2-Dibromoethane		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Acrolein		ug/Kg	U	3.7	30
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,2-Dichloroethane		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Acrylonitrile		ug/Kg	U	0.74	30
15 B21 6-8	BK27467	SW8260	11/25/15	1	4-Methyl-2-pentanone		ug/Kg	U	7.4	37
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Bromobenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Toluene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Chlorobenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Tetrahydrofuran (THF)		ug/Kg	U	3.7	15
15 B21 6-8	BK27467	SW8260	11/25/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	3.7	15
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,4-dioxane		ug/Kg	U	59	100
15 B21 6-8	BK27467	SW8260	11/25/15	1	Dibromochloromethane		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Tetrachloroethene		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	sec-Butylbenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,3-Dichloropropane		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Methyl t-butyl ether (MTBE)	1.9	ug/Kg	J	1.5	15
15 B21 6-8	BK27467	SW8260	11/25/15	1	m&p-Xylene		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	2-Isopropyltoluene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Carbon tetrachloride		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,1-Dichloropropene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	2-Hexanone		ug/Kg	U	7.4	37
15 B21 6-8	BK27467	SW8260	11/25/15	1	2,2-Dichloropropane		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.5	30
15 B21 6-8	BK27467	SW8260	11/25/15	1	Chloroform		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Benzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Bromomethane		ug/Kg	U	3.0	7.4



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B21 6-8	BK27467	SW8260	11/25/15	1	Chloromethane		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Dibromomethane		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Bromochloromethane		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Chloroethane		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Vinyl chloride		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Methylene chloride		ug/Kg	U	7.4	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Carbon Disulfide	9.3	ug/Kg		1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Bromoform		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Bromodichloromethane		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,1-Dichloroethane		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,1-Dichloroethene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Tert-butyl alcohol		ug/Kg	U	30	150
15 B21 6-8	BK27467	SW8260	11/25/15	1	Trichlorofluoromethane		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Dichlorodifluoromethane		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,2-Dichloropropane		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Methyl Ethyl Ketone	21	ug/Kg	J	7.4	45
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Trichloroethene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Hexachlorobutadiene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Naphthalene		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	o-Xylene		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	2-Chlorotoluene		ug/Kg	U	1.5	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	tert-Butylbenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Isopropylbenzene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	p-Isopropyltoluene		ug/Kg	U	0.74	7.4
15 B21 6-8	BK27467	SW8260	11/25/15	1	Acetone	72	ug/Kg	J	7.4	74
15 B21 6-8	BK27467	SW8270	11/24/15	1	4-Nitroaniline		ug/Kg	U	180	1100
15 B21 6-8	BK27467	SW8270	11/24/15	1	4-Nitrophenol		ug/Kg	U	250	540
15 B21 6-8	BK27467	SW8270	11/24/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	160	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	2,4-Dimethylphenol		ug/Kg	U	130	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	1,4-Dichlorobenzene		ug/Kg	U	160	380



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B21 6-8	BK27467	SW8270	11/24/15	1	4-Chloroaniline		ug/Kg	U	250	440
15 B21 6-8	BK27467	SW8270	11/24/15	1	Phenol		ug/Kg	U	170	110
15 B21 6-8	BK27467	SW8270	11/24/15	1	Pyridine		ug/Kg	U	130	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	150	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	150	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	160	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Di-n-octylphthalate		ug/Kg	U	140	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Hexachlorobenzene		ug/Kg	U	160	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Anthracene		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	160	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	2,4-Dichlorophenol		ug/Kg	U	190	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	2,4-Dinitrotoluene		ug/Kg	U	210	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	1,2-Diphenylhydrazine		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Pyrene		ug/Kg	U	190	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Dimethylphthalate		ug/Kg	U	170	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Dibenzofuran		ug/Kg	U	160	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Benzo(ghi)perylene		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Indeno(1,2,3-cd)pyrene		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Benzo(b)fluoranthene		ug/Kg	U	190	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Fluoranthene		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Benzo(k)fluoranthene		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Acenaphthylene		ug/Kg	U	150	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Chrysene		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	150	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Benzo(a)pyrene		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	2,4-Dinitrophenol		ug/Kg	R	380	1100
15 B21 6-8	BK27467	SW8270	11/24/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	590	2700
15 B21 6-8	BK27467	SW8270	11/24/15	1	Dibenz(a,h)anthracene		ug/Kg	U	180	110
15 B21 6-8	BK27467	SW8270	11/24/15	1	1,3-Dichlorobenzene		ug/Kg	U	160	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Benz(a)anthracene		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	4-Chloro-3-methylphenol		ug/Kg	U	190	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	2,6-Dinitrotoluene		ug/Kg	U	170	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Aniline		ug/Kg	U	440	440
15 B21 6-8	BK27467	SW8270	11/24/15	1	N-Nitrosodimethylamine		ug/Kg	U	150	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Benzoic acid		ug/Kg	R	1100	2700
15 B21 6-8	BK27467	SW8270	11/24/15	1	Hexachloroethane		ug/Kg	U	160	380



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B21 6-8	BK27467	SW8270	11/24/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Hexachlorocyclopentadiene		ug/Kg	U	170	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Isophorone		ug/Kg	U	150	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Pentachloronitrobenzene		ug/Kg	U	200	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Acenaphthene		ug/Kg	U	170	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Diethyl phthalate		ug/Kg	U	170	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Di-n-butylphthalate		ug/Kg	U	140	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Phenanthrene		ug/Kg	U	160	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Benzyl butyl phthalate		ug/Kg	U	140	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	N-Nitrosodiphenylamine		ug/Kg	U	210	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Fluorene		ug/Kg	U	180	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Carbazole		ug/Kg	U	410	2700
15 B21 6-8	BK27467	SW8270	11/24/15	1	Hexachlorobutadiene		ug/Kg	U	200	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Pentachlorophenol		ug/Kg	U	210	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	2,4,6-Trichlorophenol		ug/Kg	U	170	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	2-Nitroaniline		ug/Kg	U	550	1100
15 B21 6-8	BK27467	SW8270	11/24/15	1	2-Nitrophenol		ug/Kg	U	350	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Naphthalene		ug/Kg	U	160	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	2-Methylnaphthalene		ug/Kg	U	160	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	2-Chloronaphthalene		ug/Kg	U	150	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	260	1100
15 B21 6-8	BK27467	SW8270	11/24/15	1	Benzidine		ug/Kg	U	320	1100
15 B21 6-8	BK27467	SW8270	11/24/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	260	110
15 B21 6-8	BK27467	SW8270	11/24/15	1	1,2-Dichlorobenzene		ug/Kg	U	150	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	2-Chlorophenol		ug/Kg	U	150	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	190	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	2,4,5-Trichlorophenol		ug/Kg	U	300	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Acetophenone		ug/Kg	U	170	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	Nitrobenzene		ug/Kg	U	190	380
15 B21 6-8	BK27467	SW8270	11/24/15	1	3-Nitroaniline		ug/Kg	U	1100	1100
15 B21 6-8	BK27467	SW8270	11/24/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	210	380
15 B22 0-2	BK27468	E160.3	11/23/15	1	SOLIDS, PERCENT	71	%			
15 B22 0-2	BK27468	SW6010	11/24/15	1	Magnesium	3630	mg/Kg		4.6	4.6
15 B22 0-2	BK27468	SW6010	11/24/15	1	Nickel	131	mg/Kg		0.46	0.46
15 B22 0-2	BK27468	SW6010	11/24/15	1	Potassium	1640	mg/Kg		3.6	9
15 B22 0-2	BK27468	SW6010	11/24/15	1	Sodium	1350	mg/Kg		4.0	9
15 B22 0-2	BK27468	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.9	1.9



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B22 0-2	BK27468	SW6010	11/24/15	1	Antimony		mg/Kg	UJ	2.3	2.3
15 B22 0-2	BK27468	SW6010	11/24/15	1	Arsenic	14.2	mg/Kg		0.93	0.9
15 B22 0-2	BK27468	SW6010	11/24/15	1	Barium	537	mg/Kg		0.46	0.9
15 B22 0-2	BK27468	SW6010	11/24/15	1	Beryllium	0.25	mg/Kg	J	0.19	0.37
15 B22 0-2	BK27468	SW6010	11/24/15	1	Cadmium	4.96	mg/Kg		0.19	0.46
15 B22 0-2	BK27468	SW6010	11/24/15	1	Chromium	128	mg/Kg		0.46	0.46
15 B22 0-2	BK27468	SW6010	11/24/15	1	Cobalt	15.9	mg/Kg		0.46	0.46
15 B22 0-2	BK27468	SW6010	11/24/15	1	Vanadium	53.3	mg/Kg		0.46	0.5
15 B22 0-2	BK27468	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.6	1.9
15 B22 0-2	BK27468	SW6010	11/24/15	10	Aluminum	6890	mg/Kg		9.3	46
15 B22 0-2	BK27468	SW6010	11/24/15	10	Iron	71300	mg/Kg		46	46
15 B22 0-2	BK27468	SW6010	11/24/15	10	Lead	1550	mg/Kg		4.6	9.3
15 B22 0-2	BK27468	SW6010	11/24/15	10	Manganese	992	mg/Kg		4.6	4.6
15 B22 0-2	BK27468	SW6010	11/24/15	10	Copper	1340	mg/Kg	J+	4.6	4.6
15 B22 0-2	BK27468	SW6010	11/24/15	10	Calcium	18700	mg/Kg		43	46
15 B22 0-2	BK27468	SW6010	11/24/15	100	Zinc	2840	mg/Kg	J-	46	93
15 B22 0-2	BK27468	SW6010	11/24/15	1	Silver	3.09	mg/Kg		0.46	0.46
15 B22 0-2	BK27468	SW7471	11/25/15	1	Mercury	0.34	mg/Kg		0.02	0.04
15 B22 0-2	BK27468	SW8081	11/24/15	10	Heptachlor epoxide		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8081	11/24/15	10	Endosulfan sulfate		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8081	11/24/15	10	Aldrin		ug/Kg	U	12	12
15 B22 0-2	BK27468	SW8081	11/24/15	10	a-BHC		ug/Kg	U	12	12
15 B22 0-2	BK27468	SW8081	11/24/15	10	b-BHC		ug/Kg	U	12	12
15 B22 0-2	BK27468	SW8081	11/24/15	10	d-BHC		ug/Kg	U	23	23
15 B22 0-2	BK27468	SW8081	11/24/15	10	Endosulfan II		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8081	11/24/15	10	4,4' -DDT	280	ug/Kg	J	14	14
15 B22 0-2	BK27468	SW8081	11/24/15	10	a-Chlordane	300	ug/Kg		23	23
15 B22 0-2	BK27468	SW8081	11/24/15	10	g-Chlordane	250	ug/Kg		23	23
15 B22 0-2	BK27468	SW8081	11/24/15	10	Endrin ketone		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8081	11/24/15	10	Chlordane	1600	ug/Kg		230	230
15 B22 0-2	BK27468	SW8081	11/24/15	10	g-BHC		ug/Kg	U	9.2	9.2
15 B22 0-2	BK27468	SW8081	11/24/15	10	Dieldrin		ug/Kg	U	23	23
15 B22 0-2	BK27468	SW8081	11/24/15	10	Endrin		ug/Kg	U	23	23
15 B22 0-2	BK27468	SW8081	11/24/15	10	Methoxychlor		ug/Kg	U	230	230
15 B22 0-2	BK27468	SW8081	11/24/15	10	4,4' -DDD		ug/Kg	U	14	14
15 B22 0-2	BK27468	SW8081	11/24/15	10	4,4' -DDE	130	ug/Kg		14	14
15 B22 0-2	BK27468	SW8081	11/24/15	10	Endrin aldehyde		ug/Kg	U	46	46



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B22 0-2	BK27468	SW8081	11/24/15	10	Heptachlor		ug/Kg	U	23	23
15 B22 0-2	BK27468	SW8081	11/24/15	10	Toxaphene		ug/Kg	U	920	920
15 B22 0-2	BK27468	SW8081	11/24/15	10	Endosulfan I		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8082	11/25/15	2	PCB-1260	210	ug/Kg		46	46
15 B22 0-2	BK27468	SW8082	11/25/15	2	PCB-1254		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8082	11/25/15	2	PCB-1268		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8082	11/25/15	2	PCB-1221		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8082	11/25/15	2	PCB-1232		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8082	11/25/15	2	PCB-1248		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8082	11/25/15	2	PCB-1016		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8082	11/25/15	2	PCB-1262		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8082	11/25/15	2	PCB-1242		ug/Kg	U	46	46
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Ethylbenzene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Styrene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	n-Propylbenzene		ug/Kg	U	0.90	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	n-Butylbenzene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	4-Chlorotoluene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,2-Dibromoethane		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Acrolein		ug/Kg	U	2.5	20
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,2-Dichloroethane		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Acrylonitrile		ug/Kg	U	0.50	20
15 B22 0-2	BK27468	SW8260	11/25/15	1	4-Methyl-2-pentanone		ug/Kg	U	5.0	25
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Bromobenzene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Toluene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Chlorobenzene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Tetrahydrofuran (THF)		ug/Kg	U	2.5	10
15 B22 0-2	BK27468	SW8260	11/25/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	2.5	10
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,4-dioxane		ug/Kg	U	40	100
15 B22 0-2	BK27468	SW8260	11/25/15	1	Dibromochloromethane		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Tetrachloroethene		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	sec-Butylbenzene		ug/Kg	U	0.50	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,3-Dichloropropane		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.0	10
15 B22 0-2	BK27468	SW8260	11/25/15	1	m&p-Xylene		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	2-Isopropyltoluene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Carbon tetrachloride		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,1-Dichloropropene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	2-Hexanone		ug/Kg	U	5.0	25
15 B22 0-2	BK27468	SW8260	11/25/15	1	2,2-Dichloropropane		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.0	20
15 B22 0-2	BK27468	SW8260	11/25/15	1	Chloroform		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Benzene	0.94	ug/Kg	J	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Bromomethane		ug/Kg	U	2.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Chloromethane		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Dibromomethane		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Bromochloromethane		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Chloroethane		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Vinyl chloride		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Methylene chloride		ug/Kg	U	5.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Carbon Disulfide		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Bromoform		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Bromodichloromethane		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,1-Dichloroethane		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,1-Dichloroethene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Tert-butyl alcohol		ug/Kg	U	20	100
15 B22 0-2	BK27468	SW8260	11/25/15	1	Trichlorofluoromethane		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Dichlorodifluoromethane		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,2-Dichloropropane		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Methyl Ethyl Ketone		ug/Kg	U	5.0	30
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Trichloroethene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.0	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B22 0-2	BK27468	SW8260	11/25/15	1	Hexachlorobutadiene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Naphthalene		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	o-Xylene		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	2-Chlorotoluene		ug/Kg	U	1.0	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	tert-Butylbenzene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Isopropylbenzene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	p-Isopropyltoluene		ug/Kg	U	0.50	5.0
15 B22 0-2	BK27468	SW8260	11/25/15	1	Acetone	19	ug/Kg	J	5.0	50
15 B22 0-2	BK27468	SW8270	11/24/15	1	Anthracene	190	ug/Kg	J	150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	2,4-Dinitrophenol		ug/Kg	R	320	920
15 B22 0-2	BK27468	SW8270	11/24/15	1	Benz(a)anthracene	560	ug/Kg		160	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	500	2300
15 B22 0-2	BK27468	SW8270	11/24/15	1	Benzo(a)pyrene	520	ug/Kg		150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Benzo(b)fluoranthene	540	ug/Kg		160	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	4-Nitroaniline		ug/Kg	U	150	920
15 B22 0-2	BK27468	SW8270	11/24/15	1	4-Nitrophenol		ug/Kg	U	210	460
15 B22 0-2	BK27468	SW8270	11/24/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	140	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	2,4-Dimethylphenol		ug/Kg	U	110	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	1,4-Dichlorobenzene		ug/Kg	U	140	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	4-Chloroaniline		ug/Kg	U	220	370
15 B22 0-2	BK27468	SW8270	11/24/15	1	Phenol		ug/Kg	U	150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Pyridine		ug/Kg	U	110	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	120	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Di-n-octylphthalate		ug/Kg	U	120	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Hexachlorobenzene		ug/Kg	U	130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	140	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	2,4-Dichlorophenol		ug/Kg	U	160	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	2,4-Dinitrotoluene		ug/Kg	U	180	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	1,2-Diphenylhydrazine		ug/Kg	U	150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Benzo(ghi)perylene	430	ug/Kg		150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Dimethylphthalate		ug/Kg	U	140	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Dibenzofuran		ug/Kg	U	130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Benzo(k)fluoranthene	470	ug/Kg		150	320



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B22 0-2	BK27468	SW8270	11/24/15	1	Acenaphthylene		ug/Kg	U	130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Benzidine		ug/Kg	UJ	270	920
15 B22 0-2	BK27468	SW8270	11/24/15	1	Dibenz(a,h)anthracene		ug/Kg	U	150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	1,3-Dichlorobenzene		ug/Kg	U	140	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Bis(2-ethylhexyl)phthalate	380	ug/Kg		130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	4-Chloro-3-methylphenol		ug/Kg	U	160	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	2,6-Dinitrotoluene		ug/Kg	U	150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Aniline		ug/Kg	U	370	370
15 B22 0-2	BK27468	SW8270	11/24/15	1	N-Nitrosodimethylamine		ug/Kg	U	130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Hexachloroethane		ug/Kg	U	140	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	160	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Isophorone		ug/Kg	U	130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Pentachloronitrobenzene		ug/Kg	U	170	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Acenaphthene		ug/Kg	U	140	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Diethyl phthalate		ug/Kg	U	150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Di-n-butylphthalate		ug/Kg	U	120	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Benzyl butyl phthalate		ug/Kg	U	120	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	N-Nitrosodiphenylamine		ug/Kg	U	180	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Fluorene		ug/Kg	U	150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Carbazole		ug/Kg	U	350	2300
15 B22 0-2	BK27468	SW8270	11/24/15	1	Hexachlorobutadiene		ug/Kg	U	170	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Pentachlorophenol		ug/Kg	U	170	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	2,4,6-Trichlorophenol		ug/Kg	U	150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	2-Nitroaniline		ug/Kg	U	470	920
15 B22 0-2	BK27468	SW8270	11/24/15	1	2-Nitrophenol		ug/Kg	U	290	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Naphthalene		ug/Kg	U	130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	2-Methylnaphthalene		ug/Kg	U	140	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	2-Chloronaphthalene		ug/Kg	U	130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	220	920
15 B22 0-2	BK27468	SW8270	11/24/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	220	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	1,2-Dichlorobenzene		ug/Kg	U	130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	2-Chlorophenol		ug/Kg	U	130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	160	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	2,4,5-Trichlorophenol		ug/Kg	U	250	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Acetophenone		ug/Kg	U	140	320



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B22 0-2	BK27468	SW8270	11/24/15	1	Nitrobenzene		ug/Kg	U	160	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	3-Nitroaniline		ug/Kg	U	920	920
15 B22 0-2	BK27468	SW8270	11/24/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	180	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Chrysene	680	ug/Kg		160	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Fluoranthene	960	ug/Kg		150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Benzoic acid		ug/Kg	R	920	2300
15 B22 0-2	BK27468	SW8270	11/24/15	1	Indeno(1,2,3-cd)pyrene	350	ug/Kg		150	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Phenanthrene	740	ug/Kg		130	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Hexachlorocyclopentadiene		ug/Kg	UJ	140	320
15 B22 0-2	BK27468	SW8270	11/24/15	1	Pyrene	930	ug/Kg		160	320
15 B22 0-2	BK27468	SW9012	11/24/15	1	Total Cyanide (SW9010C Distill.)	5.13	mg/Kg		0.35	0.70
15 B22 6-8	BK27469	E160.3	11/23/15	1	SOLIDS, PERCENT	63	%			
15 B22 6-8	BK27469	SW6010	11/24/15	10	Aluminum	9890	mg/Kg		9.7	48
15 B22 6-8	BK27469	SW6010	11/24/15	10	Iron	30700	mg/Kg		48	48
15 B22 6-8	BK27469	SW6010	11/24/15	10	Lead	255	mg/Kg		4.8	9.7
15 B22 6-8	BK27469	SW6010	11/24/15	10	Magnesium	9500	mg/Kg		48	48
15 B22 6-8	BK27469	SW6010	11/24/15	10	Manganese	382	mg/Kg		4.8	4.8
15 B22 6-8	BK27469	SW6010	11/24/15	10	Zinc	223	mg/Kg	J-	4.8	9.7
15 B22 6-8	BK27469	SW6010	11/24/15	10	Calcium	71800	mg/Kg		45	48
15 B22 6-8	BK27469	SW6010	11/24/15	1	Nickel	28.3	mg/Kg		0.48	0.48
15 B22 6-8	BK27469	SW6010	11/24/15	1	Potassium	4470	mg/Kg		3.8	10
15 B22 6-8	BK27469	SW6010	11/24/15	1	Sodium	4140	mg/Kg		4.2	10
15 B22 6-8	BK27469	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.9	1.9
15 B22 6-8	BK27469	SW6010	11/24/15	1	Arsenic	34.9	mg/Kg		0.97	1.0
15 B22 6-8	BK27469	SW6010	11/24/15	1	Barium	121	mg/Kg		0.48	1.0
15 B22 6-8	BK27469	SW6010	11/24/15	1	Beryllium	0.55	mg/Kg		0.19	0.39
15 B22 6-8	BK27469	SW6010	11/24/15	1	Cadmium	1.10	mg/Kg		0.19	0.48
15 B22 6-8	BK27469	SW6010	11/24/15	1	Chromium	39.5	mg/Kg		0.48	0.48
15 B22 6-8	BK27469	SW6010	11/24/15	1	Cobalt	14.3	mg/Kg		0.48	0.48
15 B22 6-8	BK27469	SW6010	11/24/15	1	Copper	145	mg/Kg	J+	0.48	0.48
15 B22 6-8	BK27469	SW6010	11/24/15	1	Vanadium	36.4	mg/Kg		0.48	0.5
15 B22 6-8	BK27469	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.6	1.9
15 B22 6-8	BK27469	SW6010	11/24/15	1	Silver	1.82	mg/Kg		0.48	0.48
15 B22 6-8	BK27469	SW6010	11/24/15	1	Antimony		mg/Kg	U	2.4	2.4
15 B22 6-8	BK27469	SW7471	11/25/15	1	Mercury	2.85	mg/Kg		0.11	0.18
15 B22 6-8	BK27469	SW8081	11/30/15	2	Heptachlor epoxide		ug/Kg	U	10	10
15 B22 6-8	BK27469	SW8081	11/30/15	2	Endosulfan sulfate		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
15 B22 6-8	BK27469	SW8081	11/30/15	2	Aldrin		ug/Kg	U	2.6	2.6
15 B22 6-8	BK27469	SW8081	11/30/15	2	a-BHC		ug/Kg	U	10	10
15 B22 6-8	BK27469	SW8081	11/30/15	2	b-BHC		ug/Kg	U	10	10
15 B22 6-8	BK27469	SW8081	11/30/15	2	d-BHC		ug/Kg	U	10	10
15 B22 6-8	BK27469	SW8081	11/30/15	2	Endosulfan II		ug/Kg	U	10	10
15 B22 6-8	BK27469	SW8081	11/30/15	2	4,4' -DDT		ug/Kg	U	3.1	3.1
15 B22 6-8	BK27469	SW8081	11/30/15	2	a-Chlordane		ug/Kg	U	5.2	5.2
15 B22 6-8	BK27469	SW8081	11/30/15	2	g-Chlordane		ug/Kg	U	5.2	5.2
15 B22 6-8	BK27469	SW8081	11/30/15	2	Endrin ketone		ug/Kg	U	10	10
15 B22 6-8	BK27469	SW8081	11/30/15	2	Chlordane		ug/Kg	U	52	52
15 B22 6-8	BK27469	SW8081	11/30/15	2	g-BHC		ug/Kg	U	2.1	2.1
15 B22 6-8	BK27469	SW8081	11/30/15	2	Dieldrin		ug/Kg	U	1.6	1.6
15 B22 6-8	BK27469	SW8081	11/30/15	2	Endrin		ug/Kg	U	10	10
15 B22 6-8	BK27469	SW8081	11/30/15	2	Methoxychlor		ug/Kg	U	52	52
15 B22 6-8	BK27469	SW8081	11/30/15	2	4,4' -DDD		ug/Kg	U	3.1	3.1
15 B22 6-8	BK27469	SW8081	11/30/15	2	4,4' -DDE		ug/Kg	U	3.1	3.1
15 B22 6-8	BK27469	SW8081	11/30/15	2	Endrin aldehyde		ug/Kg	U	10	10
15 B22 6-8	BK27469	SW8081	11/30/15	2	Heptachlor		ug/Kg	U	10	10
15 B22 6-8	BK27469	SW8081	11/30/15	2	Toxaphene		ug/Kg	U	210	210
15 B22 6-8	BK27469	SW8081	11/30/15	2	Endosulfan I		ug/Kg	U	10	10
15 B22 6-8	BK27469	SW8082	11/24/15	2	PCB-1260		ug/Kg	U	52	52
15 B22 6-8	BK27469	SW8082	11/24/15	2	PCB-1254		ug/Kg	U	52	52
15 B22 6-8	BK27469	SW8082	11/24/15	2	PCB-1268		ug/Kg	U	52	52
15 B22 6-8	BK27469	SW8082	11/24/15	2	PCB-1221		ug/Kg	U	52	52
15 B22 6-8	BK27469	SW8082	11/24/15	2	PCB-1232		ug/Kg	U	52	52
15 B22 6-8	BK27469	SW8082	11/24/15	2	PCB-1248		ug/Kg	U	52	52
15 B22 6-8	BK27469	SW8082	11/24/15	2	PCB-1016		ug/Kg	U	52	52
15 B22 6-8	BK27469	SW8082	11/24/15	2	PCB-1262		ug/Kg	U	52	52
15 B22 6-8	BK27469	SW8082	11/24/15	2	PCB-1242		ug/Kg	U	52	52
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Styrene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	n-Propylbenzene		ug/Kg	U	1.1	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	n-Butylbenzene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	4-Chlorotoluene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.63	6.3



**2401 3RD AVENUE
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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
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,2-Dibromoethane		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Acrolein		ug/Kg	U	3.2	25
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,2-Dichloroethane		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Acrylonitrile		ug/Kg	U	0.63	25
15 B22 6-8	BK27469	SW8260	11/25/15	1	4-Methyl-2-pentanone		ug/Kg	U	6.3	32
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,3,5-Trimethylbenzene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Bromobenzene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Toluene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Chlorobenzene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Tetrahydrofuran (THF)		ug/Kg	U	3.2	13
15 B22 6-8	BK27469	SW8260	11/25/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	3.2	13
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,4-dioxane		ug/Kg	UJ	51	100
15 B22 6-8	BK27469	SW8260	11/25/15	1	Dibromochloromethane		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Tetrachloroethene		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	sec-Butylbenzene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,3-Dichloropropane		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.3	13
15 B22 6-8	BK27469	SW8260	11/25/15	1	2-Isopropyltoluene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Carbon tetrachloride		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,1-Dichloropropene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	2-Hexanone		ug/Kg	U	6.3	32
15 B22 6-8	BK27469	SW8260	11/25/15	1	2,2-Dichloropropane		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.3	25
15 B22 6-8	BK27469	SW8260	11/25/15	1	Chloroform		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Benzene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Bromomethane		ug/Kg	U	2.5	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Chloromethane		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Dibromomethane		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Bromochloromethane		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Chloroethane		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Vinyl chloride	0.69	ug/Kg	J	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Methylene chloride		ug/Kg	U	6.3	6.3



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B22 6-8	BK27469	SW8260	11/25/15	1	Bromoform		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Bromodichloromethane		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,1-Dichloroethane		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,1-Dichloroethene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Tert-butyl alcohol		ug/Kg	UJ	25	130
15 B22 6-8	BK27469	SW8260	11/25/15	1	Trichlorofluoromethane		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Dichlorodifluoromethane		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,2-Dichloropropane		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Methyl Ethyl Ketone		ug/Kg	U	6.3	38
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Trichloroethene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Hexachlorobutadiene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	o-Xylene		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	2-Chlorotoluene		ug/Kg	U	1.3	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	tert-Butylbenzene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	Isopropylbenzene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	1	p-Isopropyltoluene		ug/Kg	U	0.63	6.3
15 B22 6-8	BK27469	SW8260	11/25/15	50	Ethylbenzene	45	ug/Kg	J	33	330
15 B22 6-8	BK27469	SW8260	11/25/15	50	m&p-Xylene	89	ug/Kg	J	65	330
15 B22 6-8	BK27469	SW8260	11/25/15	50	Carbon Disulfide	180	ug/Kg	J	65	330
15 B22 6-8	BK27469	SW8260	11/25/15	50	Naphthalene	400	ug/Kg	J	65	330
15 B22 6-8	BK27469	SW8260	11/25/15	50	1,2,4-Trimethylbenzene	34	ug/Kg	J	33	330
15 B22 6-8	BK27469	SW8260	11/25/15	50	Acetone	1500	ug/Kg	J	330	3300
15 B22 6-8	BK27469	SW8270	11/24/15	1	Acenaphthylene	190	ug/Kg	J	140	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Anthracene	210	ug/Kg	J	170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Benz(a)anthracene	870	ug/Kg		170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	2,4-Dinitrophenol		ug/Kg	R	360	1000
15 B22 6-8	BK27469	SW8270	11/24/15	1	Benzo(a)pyrene	1200	ug/Kg		170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	560	2600
15 B22 6-8	BK27469	SW8270	11/24/15	1	Benzo(b)fluoranthene	690	ug/Kg		180	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Benzo(ghi)perylene	590	ug/Kg		170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Benzo(k)fluoranthene	790	ug/Kg		170	360



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B22 6-8	BK27469	SW8270	11/24/15	1	Benzidine		ug/Kg	UJ	300	1000
15 B22 6-8	BK27469	SW8270	11/24/15	1	4-Nitroaniline		ug/Kg	U	170	1000
15 B22 6-8	BK27469	SW8270	11/24/15	1	4-Nitrophenol		ug/Kg	U	230	520
15 B22 6-8	BK27469	SW8270	11/24/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	2,4-Dimethylphenol		ug/Kg	U	130	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	1,4-Dichlorobenzene		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	4-Chloroaniline		ug/Kg	U	240	410
15 B22 6-8	BK27469	SW8270	11/24/15	1	Phenol		ug/Kg	U	170	330
15 B22 6-8	BK27469	SW8270	11/24/15	1	Pyridine		ug/Kg	U	130	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	140	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	140	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Di-n-octylphthalate		ug/Kg	U	130	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Hexachlorobenzene		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	160	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	2,4-Dichlorophenol		ug/Kg	U	180	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	2,4-Dinitrotoluene		ug/Kg	U	200	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	1,2-Diphenylhydrazine		ug/Kg	U	170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Dimethylphthalate		ug/Kg	U	160	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Dibenzofuran		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Chrysene	860	ug/Kg		170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	140	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Dibenz(a,h)anthracene		ug/Kg	U	170	330
15 B22 6-8	BK27469	SW8270	11/24/15	1	1,3-Dichlorobenzene		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Fluoranthene	710	ug/Kg		170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	4-Chloro-3-methylphenol		ug/Kg	U	180	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	2,6-Dinitrotoluene		ug/Kg	U	160	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Aniline		ug/Kg	U	410	410
15 B22 6-8	BK27469	SW8270	11/24/15	1	N-Nitrosodimethylamine		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Benzoic acid		ug/Kg	R	1000	2600
15 B22 6-8	BK27469	SW8270	11/24/15	1	Hexachloroethane		ug/Kg	U	160	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Isophorone		ug/Kg	U	140	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Pentachloronitrobenzene		ug/Kg	U	190	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Acenaphthene		ug/Kg	U	160	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Diethyl phthalate		ug/Kg	U	160	360



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B22 6-8	BK27469	SW8270	11/24/15	1	Di-n-butylphthalate		ug/Kg	U	140	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Benzyl butyl phthalate		ug/Kg	U	130	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	N-Nitrosodiphenylamine		ug/Kg	U	200	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Fluorene		ug/Kg	U	170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Carbazole		ug/Kg	U	390	2600
15 B22 6-8	BK27469	SW8270	11/24/15	1	Hexachlorobutadiene		ug/Kg	U	190	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Pentachlorophenol		ug/Kg	U	200	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	2,4,6-Trichlorophenol		ug/Kg	U	170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	2-Nitroaniline		ug/Kg	U	520	1000
15 B22 6-8	BK27469	SW8270	11/24/15	1	2-Nitrophenol		ug/Kg	U	330	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Naphthalene		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	2-Methylnaphthalene		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	2-Chloronaphthalene		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	240	1000
15 B22 6-8	BK27469	SW8270	11/24/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	240	330
15 B22 6-8	BK27469	SW8270	11/24/15	1	1,2-Dichlorobenzene		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	2-Chlorophenol		ug/Kg	U	150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	180	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	2,4,5-Trichlorophenol		ug/Kg	U	280	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Acetophenone		ug/Kg	U	160	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Nitrobenzene		ug/Kg	U	180	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	3-Nitroaniline		ug/Kg	U	1000	1000
15 B22 6-8	BK27469	SW8270	11/24/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	200	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Indeno(1,2,3-cd)pyrene	500	ug/Kg		170	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Phenanthrene	500	ug/Kg		150	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Hexachlorocyclopentadiene		ug/Kg	UJ	160	360
15 B22 6-8	BK27469	SW8270	11/24/15	1	Pyrene	1700	ug/Kg		180	360
15 B22 6-8	BK27469	SW9012	11/24/15	1	Total Cyanide (SW9010C Distill.)	1.55	mg/Kg		0.33	0.66
SOIL DUPLICATE	BK27470	E160.3	11/23/15	1	SOLIDS, PERCENT	87	%			
SOIL DUPLICATE	BK27470	SW6010	11/24/15	10	Aluminum	4720	mg/Kg		7.0	35
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Arsenic	6.7	mg/Kg	J	0.70	0.7
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Antimony		mg/Kg	U	1.8	1.8
SOIL DUPLICATE	BK27470	SW6010	11/24/15	10	Calcium	32400	mg/Kg	J	32	35
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Barium	104	mg/Kg		0.35	0.7
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Beryllium	0.27	mg/Kg	J	0.14	0.28
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Copper	75.8	mg/Kg	J+	0.35	0.35
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Cadmium	1.04	mg/Kg		0.14	0.35



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27464**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Chromium	21.7	mg/Kg		0.35	0.35
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Cobalt	7.10	mg/Kg		0.35	0.35
SOIL DUPLICATE	BK27470	SW6010	11/24/15	10	Lead	497	mg/Kg	J	3.5	7.0
SOIL DUPLICATE	BK27470	SW6010	11/24/15	10	Iron	25900	mg/Kg	J	35	35
SOIL DUPLICATE	BK27470	SW6010	11/24/15	10	Magnesium	11500	mg/Kg	J	35	35
SOIL DUPLICATE	BK27470	SW6010	11/24/15	10	Manganese	284	mg/Kg		3.5	3.5
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Nickel	22.2	mg/Kg		0.35	0.35
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Potassium	993	mg/Kg		2.7	7
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Selenium		mg/Kg	U	1.2	1.4
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Silver		mg/Kg	U	0.35	0.35
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Sodium	885	mg/Kg		3.0	7
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Thallium		mg/Kg	U	1.4	1.4
SOIL DUPLICATE	BK27470	SW6010	11/24/15	1	Vanadium	31.6	mg/Kg		0.35	0.4
SOIL DUPLICATE	BK27470	SW6010	11/24/15	10	Zinc	225	mg/Kg	J-	3.5	7.0
SOIL DUPLICATE	BK27470	SW7471	11/25/15	1	Mercury	0.09	mg/Kg		0.02	0.03
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	4,4' -DDD	8.0	ug/Kg	J	2.3	2.3
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	4,4' -DDE	22	ug/Kg	J	2.3	2.3
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	4,4' -DDT	32	ug/Kg	J	2.3	2.3
SOIL DUPLICATE	BK27470	SW8081	11/26/15	20	Endrin aldehyde	220	ug/Kg		75	75
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Heptachlor epoxide		ug/Kg	U	7.5	7.5
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Endosulfan sulfate		ug/Kg	U	7.5	7.5
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Aldrin		ug/Kg	U	3.8	3.8
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	a-BHC		ug/Kg	U	7.5	7.5
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	b-BHC		ug/Kg	U	7.5	7.5
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	d-BHC		ug/Kg	U	7.5	7.5
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Endosulfan II		ug/Kg	U	7.5	7.5
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	a-Chlordane		ug/Kg	U	11	11
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	g-Chlordane		ug/Kg	U	15	15
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Endrin ketone		ug/Kg	U	7.5	7.5
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Chlordane		ug/Kg	U	38	38
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	g-BHC		ug/Kg	U	1.5	1.5
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Dieldrin		ug/Kg	U	3.8	3.8
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Endrin		ug/Kg	U	7.5	7.5
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Methoxychlor		ug/Kg	U	38	38
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Heptachlor		ug/Kg	U	7.5	7.5
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Toxaphene		ug/Kg	U	150	150
SOIL DUPLICATE	BK27470	SW8081	11/24/15	2	Endosulfan I		ug/Kg	U	7.5	7.5



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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	BK27470	SW8082	11/24/15	2	PCB-1260	110	ug/Kg		38	38
SOIL DUPLICATE	BK27470	SW8082	11/24/15	2	PCB-1254		ug/Kg	U	38	38
SOIL DUPLICATE	BK27470	SW8082	11/24/15	2	PCB-1268		ug/Kg	U	38	38
SOIL DUPLICATE	BK27470	SW8082	11/24/15	2	PCB-1221		ug/Kg	U	38	38
SOIL DUPLICATE	BK27470	SW8082	11/24/15	2	PCB-1232		ug/Kg	U	38	38
SOIL DUPLICATE	BK27470	SW8082	11/24/15	2	PCB-1248		ug/Kg	U	38	38
SOIL DUPLICATE	BK27470	SW8082	11/24/15	2	PCB-1016		ug/Kg	U	38	38
SOIL DUPLICATE	BK27470	SW8082	11/24/15	2	PCB-1262		ug/Kg	U	38	38
SOIL DUPLICATE	BK27470	SW8082	11/24/15	2	PCB-1242		ug/Kg	U	38	38
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,3,5-Trimethylbenzene	1.6	ug/Kg	J	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Acetone	18	ug/Kg	J	9.7	50
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,2-Dibromo-3-chloropropane		ug/Kg	UJ	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Carbon Disulfide	3.3	ug/Kg	J	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Ethylbenzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Styrene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	cis-1,3-Dichloropropene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	trans-1,3-Dichloropropene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	n-Propylbenzene		ug/Kg	U	1.7	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	n-Butylbenzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	4-Chlorotoluene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,4-Dichlorobenzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,2-Dibromoethane		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Acrolein		ug/Kg	U	4.8	39
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,2-Dichloroethane		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Acrylonitrile		ug/Kg	U	0.97	39
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	4-Methyl-2-pentanone		ug/Kg	U	9.7	48
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Bromobenzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Toluene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Chlorobenzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Tetrahydrofuran (THF)		ug/Kg	U	4.8	19
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	trans-1,4-dichloro-2-butene		ug/Kg	U	4.8	19
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,4-dioxane		ug/Kg	U	77	100
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Dibromochloromethane		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Tetrachloroethene		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	sec-Butylbenzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,3-Dichloropropane		ug/Kg	U	1.9	9.7



**2401 3RD AVENUE
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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	BK27470	SW8260	11/25/15	1	cis-1,2-Dichloroethene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	trans-1,2-Dichloroethene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	1.9	19
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	m&p-Xylene		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	2-Isopropyltoluene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,3-Dichlorobenzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Carbon tetrachloride		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,1-Dichloropropene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	2-Hexanone		ug/Kg	U	9.7	48
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	2,2-Dichloropropane		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	1.9	39
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Chloroform		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Benzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,1,1-Trichloroethane		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Bromomethane		ug/Kg	U	3.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Chloromethane		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Dibromomethane		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Bromochloromethane		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Chloroethane		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Vinyl chloride		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Methylene chloride		ug/Kg	U	9.7	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Bromoform		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Bromodichloromethane		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,1-Dichloroethane		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,1-Dichloroethene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Tert-butyl alcohol		ug/Kg	U	39	190
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Trichlorofluoromethane		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Dichlorodifluoromethane		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Trichlorotrifluoroethane		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,2-Dichloropropane		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Methyl Ethyl Ketone		ug/Kg	U	9.7	58
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,1,2-Trichloroethane		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Trichloroethene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,2,3-Trichlorobenzene		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Hexachlorobutadiene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Naphthalene		ug/Kg	U	1.9	9.7



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BRONX, 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	BK27470	SW8260	11/25/15	1	o-Xylene		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	2-Chlorotoluene		ug/Kg	U	1.9	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,2-Dichlorobenzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,2,4-Trimethylbenzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	1,2,3-Trichloropropane		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	tert-Butylbenzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	Isopropylbenzene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8260	11/25/15	1	p-Isopropyltoluene		ug/Kg	U	0.97	9.7
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Anthracene	2300	ug/Kg	J	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Benz(a)anthracene	1300	ug/Kg	J	130	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Benzo(a)pyrene	1100	ug/Kg	J	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Benzo(b)fluoranthene	1400	ug/Kg	J	130	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2-Methylnaphthalene	510	ug/Kg		110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Acenaphthene	2800	ug/Kg		110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Acenaphthylene	430	ug/Kg		110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Benzo(ghi)perylene	910	ug/Kg	J	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2,4-Dinitrophenol		ug/Kg	R	260	750
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Carbazole	520	ug/Kg	J	290	1900
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	400	1900
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Benzo(k)fluoranthene	760	ug/Kg	J	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Benzidine		ug/Kg	UJ	220	750
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Chrysene	1600	ug/Kg	J	130	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Benzoic acid		ug/Kg	R	750	1900
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Dibenzofuran	550	ug/Kg	J	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Fluoranthene	5400	ug/Kg	J	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Indeno(1,2,3-cd)pyrene	640	ug/Kg	J	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Fluorene	980	ug/Kg		120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Phenanthrene	4100	ug/Kg	J	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Naphthalene	340	ug/Kg		110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Pyrene	6900	ug/Kg	J	130	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	4-Nitroaniline		ug/Kg	U	130	750
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	4-Nitrophenol		ug/Kg	U	170	380
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	4-Bromophenyl phenyl ether		ug/Kg	U	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2,4-Dimethylphenol		ug/Kg	U	93	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	1,4-Dichlorobenzene		ug/Kg	U	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	4-Chloroaniline		ug/Kg	U	180	300
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Phenol		ug/Kg	U	120	260



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DATA SUMMARY TABLE
SOIL
SDG: GBK27464**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Pyridine		ug/Kg	U	93	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Bis(2-chloroethyl)ether		ug/Kg	U	100	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Bis(2-chloroethoxy)methane		ug/Kg	U	100	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Di-n-octylphthalate		ug/Kg	U	97	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Hexachlorobenzene		ug/Kg	U	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	1,2,4-Trichlorobenzene		ug/Kg	U	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2,4-Dichlorophenol		ug/Kg	U	130	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2,4-Dinitrotoluene		ug/Kg	U	150	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	1,2-Diphenylhydrazine		ug/Kg	U	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Dimethylphthalate		ug/Kg	U	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	100	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Dibenz(a,h)anthracene		ug/Kg	U	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	1,3-Dichlorobenzene		ug/Kg	U	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	4-Chloro-3-methylphenol		ug/Kg	U	130	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2,6-Dinitrotoluene		ug/Kg	U	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	N-Nitrosodi-n-propylamine		ug/Kg	U	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Aniline		ug/Kg	U	300	300
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	N-Nitrosodimethylamine		ug/Kg	U	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Hexachloroethane		ug/Kg	U	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	4-Chlorophenyl phenyl ether		ug/Kg	U	130	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Isophorone		ug/Kg	U	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Pentachloronitrobenzene		ug/Kg	U	140	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Diethyl phthalate		ug/Kg	U	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Di-n-butylphthalate		ug/Kg	U	100	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Benzyl butyl phthalate		ug/Kg	U	97	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	N-Nitrosodiphenylamine		ug/Kg	U	140	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Hexachlorobutadiene		ug/Kg	U	140	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Pentachlorophenol		ug/Kg	U	140	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2,4,6-Trichlorophenol		ug/Kg	U	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2-Nitroaniline		ug/Kg	U	380	750
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2-Nitrophenol		ug/Kg	U	240	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2-Chloronaphthalene		ug/Kg	U	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	3,3'-Dichlorobenzidine		ug/Kg	U	180	750
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Hexachlorocyclopentadiene		ug/Kg	UJ	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2-Methylphenol (o-cresol)		ug/Kg	U	180	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	1,2-Dichlorobenzene		ug/Kg	U	110	260



2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27464

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2-Chlorophenol		ug/Kg	U	110	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	130	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	2,4,5-Trichlorophenol		ug/Kg	U	210	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Acetophenone		ug/Kg	U	120	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	Nitrobenzene		ug/Kg	U	130	260
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	3-Nitroaniline		ug/Kg	U	750	750
SOIL DUPLICATE	BK27470	SW8270	11/24/15	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	150	260
SOIL DUPLICATE	BK27470	SW9012	11/24/15	1	Total Cyanide (SW9010C Distill.)		mg/Kg	U	0.29	0.57

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK27757
Client: Environmental Business Consultants
Date: 1/18/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for four (4) soil samples analyzed for Semi-volatiles by SW-846 Method 8270D in accordance with the NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/23/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/24/2015 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 B12 6-8	BK27757	11/23/15	SVO	Soil	
15 B11 0-2	BK27758	11/23/15	SVO	Soil	
15 B11 6-8	BK27759	11/23/15	SVO	Soil	
SOIL DUPLICATE	BK27760	11/23/15	SVO	Soil	Field Duplicate of Sample 15 B11 0-2

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/MS Tuning:

1. All of the DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/23/2015 (CHEM12) 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) with the following exception(s):

Compound	Ave RRF	%RSD
2-Nitrophenol	0.045	A

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B12 6-8	BK27757	2-Nitrophenol	UJ
15 B11 0-2	BK27758	2-Nitrophenol	UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B11 6-8	BK27759	2-Nitrophenol	UJ
SOIL DUPLICATE	BK27760	2-Nitrophenol	UJ

Continuing Calibration Verification (CCV):

- CCV analyzed on 11/24/2015 @ 19:59 (CHEM12) exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.
- CCV analyzed on 11/25/2015 @ 00:04 (CHEM12) 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
2,4-Dinitrophenol	50.5

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B12 6-8	BK27757	2,4-Dinitrophenol	R ⁽¹⁾
15 B11 0-2	BK27758	2,4-Dinitrophenol	R ⁽¹⁾
15 B11 6-8	BK27759	2,4-Dinitrophenol	R ⁽¹⁾
SOIL DUPLICATE	BK27760	2,4-Dinitrophenol	R ⁽¹⁾

- (1) Results for this compound were qualified as rejected due to low LCS recovery.

Surrogates:

- Surrogate %REC values were within the QC acceptance limits with the following exception(s):

Client Sample ID	Laboratory Sample ID	Surrogate(s)	Compound	Action
15 B11 6-8	BK27759	Nitrobenzene-d5 (29%)	Nitrobenzene	UJ
			Isophorone	UJ
			2-Nitrophenol	UJ
			2,4-Dimethylphenol	UJ
			Bis(2-chloroethoxy)methane	UJ
			2,4-Dichlorophenol	UJ
			1,2,4-Trichlorobenzene	UJ
			Naphthalene	UJ
			4-Chloroaniline	UJ

Client Sample ID	Laboratory Sample ID	Surrogate(s)	Compound	Action
			Hexachlorobutadiene	UJ
			4-Chloro-3-methylphenol	UJ
			2-Methylnaphthalene	UJ
			Hexachlorocyclopentadiene	UJ
			1,2,4,5-Tetrachlorobenzene	UJ
			2,4,6-Trichlorophenol	UJ
			2,4,5-Trichlorophenol	UJ
			Benzoic Acid	R ⁽¹⁾

(1) This result was qualified as rejected 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 (BK27758 BLANK) associated with the soil samples extracted on 11/24/2015 and analyzed on 11/24/2015 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: BK27758 were analyzed on 11/24/2015. 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 B12 6-8, 15 B11 0-2, 15 B11 6-8, SOIL DUPLICATE	R
2,4-Dinitrophenol	5/3/54.1	15 B12 6-8, 15 B11 0-2, 15 B11 6-8, SOIL DUPLICATE	R
4,6-Dinitro-2-methylphenol	19/12/45.2	15 B12 6-8, 15 B11 0-2, 15 B11 6-8, SOIL DUPLICATE	UJ

A= Acceptable NC=Not calculated

Field Duplicate:

1. Sample SOIL DUPLICATE (BK27760) was collected as a field duplicate of sample 15 B11 0-2 (BK27758). All RPDs were < 50%. No qualifications were required.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15 B11 0-2	2-Methylnaphthalene	SW-846 8270	160	µg/Kg	SOIL DUPLICATE	ND	µg/Kg	NC	None
15 B11 0-2	Benzo(a)anthracene	SW-846 8270	140	µg/Kg	SOIL DUPLICATE	120	µg/Kg	15.4	None
15 B11 0-2	Benzo(a)Pyrene	SW-846 8270	130	µg/Kg	SOIL DUPLICATE	ND	µg/Kg	NC	None
15 B11 0-2	Benzo(b)fluoranthene	SW-846 8270	130	µg/Kg	SOIL DUPLICATE	ND	µg/Kg	NC	None
15 B11 0-2	Chrysene	SW-846 8270	180	µg/Kg	SOIL DUPLICATE	140	µg/Kg	25.0	None
15 B11 0-2	Fluoranthene	SW-846 8270	280	µg/Kg	SOIL DUPLICATE	240	µg/Kg	15.4	None
15 B11 0-2	Naphthalene	SW-846 8270	170	µg/Kg	SOIL DUPLICATE	ND	µg/Kg	NC	None
15 B11 0-2	Phenanthrene	SW-846 8270	220	µg/Kg	SOIL DUPLICATE	160	µg/Kg	31.6	None
15 B11 0-2	Pyrene	SW-846 8270	220	µg/Kg	SOIL DUPLICATE	210	µg/Kg	4.7	None

ND – Not detected

NC – Not calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 B11 0-2 (BK27758). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R	Sample Affected	Action
Benzoic Acid ⁽¹⁾	A/5/152.3	15 B11 0-2	R ⁽¹⁾
Benzidine	0/0/NC	15 B11 0-2	R

A= Acceptable NC=Not calculated

(1) Results for this compound 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 >50%. No qualifications were required.
3. Manual Calculation:
$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, } \mu\text{L})(V)(\% \text{Solids})}$$

C_x = concentration of analyte as ug/kg

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

VE= final volume of concentrated extract

Sample: LCS (BK27758)

Pyrene

Sample weight= 15g

Volume purged=1.0ml

DF = 1

%Solids=NA

Concentration (μg/kg) (dry) = $\frac{2428101 \times 40 \times 1 \times 1000}{2098448 \times 1.336 \times 15}$ = 2474.027μg/kg

Compound	Laboratory (μg/kg)	Validation (μg/kg)	%D
Pyrene	2626	2626	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: GBK27757.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK27757.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK27757
Client: Environmental Business Consultants
Date: 01/18/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for four (4) 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 11/23/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/24/2015 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 B12 6-8	BK27757	11/23/15	VOA	Soil	
15 B11 0-2	BK27758	11/23/15	VOA	Soil	
15 B11 6-8	BK27759	11/23/15	VOA	Soil	
SOIL DUPLICATE	BK27760	11/23/15	VOA	Soil	Field Duplicate of Sample 15 B11 0-2

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within 14 days from sample collection. No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/22/2015 (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
Acrolein	0.044	A
Acetone	A	20.5
Methyl Ethyl Ketone	A	23.0
Naphthalene	A	21.3

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B12 6-8 HL	BK27757	Acetone Acrolein, Methyl Ethyl Ketone, Naphthalene	J UJ

2. Initial calibration curve analyzed on 11/22/2015 (Chem18) 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	20.5
1,2-Dibromo-3-Chloropropane	A	23.3

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B12 6-8	BK27757	Acetone 1,2-Dibromo-3-Chloropropane	J None
15 B11 0-2 HL	BK27758	Acetone, 1,2-Dibromo-3-Chloropropane	None
15 B11 0-2 LL	BK27758	Acetone, 1,2-Dibromo-3-Chloropropane	UJ
15 B11 6-8	BK27759	Acetone, 1,2-Dibromo-3-Chloropropane	J UJ
SOIL DUPLICATE	BK27760	Acetone, 1,2-Dibromo-3-Chloropropane	UJ

Continuing Calibration Verification (CCV):

1. CCV analyzed on 11/27/2015 @ 23:59 (CHEM03) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.
2. CCV analyzed on 11/28/2015 @ 10:52 (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
Naphthalene	-32.6

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B12 6-8 HL	BK27757	Naphthalene	UJ

- CCV analyzed on 11/25/2015 @ 06:37 (CHEM18) exhibited acceptable %Ds ($\leq 30.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 30.0\%$. No qualifications were required.
- CCV analyzed on 11/25/2015 @ 17:05 (CHEM18) 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
Acetone	20.3

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
15 B12 6-8	BK27757	Acetone	J
15 B11 0-2 HL	BK27758	None	None
15 B11 0-2 LL	BK27758	Acetone	UJ
15 B11 6-8	BK27759	Acetone	J
SOIL DUPLICATE	BK27760	Acetone	UJ

Surrogates:

- All surrogates %RECs values for all soil samples with the following exception(s):

Client Sample ID	Laboratory Sample ID	Surrogate(s)	Compound	Action
15 B12 6-8 LL	BK27757	1,2-Dichlorobenzene-d4 (134%)	tert-Butyl alcohol 1,4-dioxane	None

Internal Standard (IS) Area Performance:

- 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 B12 6-8 LL	BK27757	1,4-Dichlorobenzene-d4	tert-Butyl alcohol	UJ

Client Sample ID	Laboratory Sample ID	IS	Compound	Action
		(low)	1,4-dioxane	UJ

(1) This result was qualified as rejected due to low LCS recovery.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BK27758 Blank) analyzed on 11/25/2015 was free of contamination. No qualifications were required.
2. Method Blank (BK28647 Blank) analyzed on 11/28/2015 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: BK27758 were analyzed on 11/25/2015. 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: BK28647 were analyzed on 11/28/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acetone	65/68/A	15 B12 6-8, 5 B11 6-8, 15 B11 0-2 HL, 15 B11 0-2 LL, SOIL DUPLICATE	J UJ UJ
Naphthalene	137/137/A	15 B11 0-2 HL, 15 B11 0-2 LL, 5 B11 6-8, SOIL DUPLICATE	None J

A= Acceptable

Field Duplicate:

1. Sample SOIL DUPLICATE (BK27760) was collected as a field duplicate of sample 15 B11 0-2 (BK27758). The field duplicate comparison could not be evaluated since both samples did not have the same dilution factor. Results detected in both samples were below the detection limit and have an estimated value.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 B11 0-2 (BK27758). All %RECs/RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Chloroethane	26/22/A	15 B11 0-2	UJ
Trichlorofluoromethane	50/45/A	15 B11 0-2	UJ

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 >50%. No qualifications were required.
3. Manual Calculation:
$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, } \mu\text{L})(V)(\% \text{Solids})}$$

C_x = concentration of analyte as ug/kg

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

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

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

VE= final volume of concentrated extract

Sample: 15 B11 6-8 (BK27759)

Acetone

Sample weight: 8.14g

Final volume: 5ml

%Solids: 83%

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{12123 \times 50 \times 5\text{ml} \times 1}{112656 \times 0.208 \times 8.14\text{g} \times 0.83} = 19.144\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Acetone	19	19	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: GBK27757.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK27757.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK27757
Client: Environmental Business Consultants
Date: 01/18/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) soil samples analyzed for Pesticides by SW-846 Method 8081B in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/23/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/24/2015 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 B11 0-2	BK27758	11/23/15	Pesticides	Soil	
15 B11 6-8	BK27759	11/23/15	Pesticides	Soil	
SOIL DUPLICATE	BK27760	11/23/15	Pesticides	Soil	Field Duplicate of Sample 15 B11 0-2

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/ECD Instrument Performance Check:

1. 4,4'-DDT and Endrin breakdown exhibited acceptable results ($\pm 20\%$). No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/17/2015 (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.

2. Initial calibration curve analyzed on 11/05/2015 (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):

1. All CCVs analyzed on 11/25 & 12/01/2015 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds on column A. 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 (BK27758 BL) associated with the soil samples extracted on 11/24/2015 and analyzed on 11/25/2015 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with ID: BK27758 LCS was analyzed on 11/25/2015. All %RECs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample SOIL DUPLICATE (BK27760) was collected as a field duplicate of sample 15 B11 0-2 (BK27758). All RPDs were $< 50\%$. No qualifications were required.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
15 B11 0-2	4,4'-DDT	SW-846 8081	4.2	$\mu\text{g/Kg}$	SOIL DUPLICATE	3.6	$\mu\text{g/Kg}$	15.4	None

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 B11 0-2 (BK27758). 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:

BK27758 LCS

Alpha-Chlordane

On Column concentration (B) = 47.1810ng

Sample Weight= 15.0g

DF = 2

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{47.1810\text{ng} \times 5\text{ml} \times 2}{15.0\text{g}} = 31.454\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-Chlordane	31.5	31.5	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: GBK27757.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK27757.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK27757
Client: Environmental Business Consultants
Date: 01/18/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) soil samples analyzed for PCBs by SW-846 Method 8082A in accordance with NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 11/23/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/24/2015 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 B11 0-2	BK27758	11/23/15	PCBs	Soil	
15 B11 6-8	BK27759	11/23/15	PCBs	Soil	
SOIL DUPLICATE	BK27760	11/23/15	PCBs	Soil	Field Duplicate of Sample 15 B11 0-2

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/24/2015 (ECD24) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 11/25-26/2015 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 (BK27758 BL) associated with the soil samples extracted on 11/24/2015 and analyzed on 11/25/2015 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: BK27758 were analyzed on 11/25/2015. All %RECs and RPDs were within the laboratory control limits (50% - 150% [30%-150% for surrogates]). No qualifications were required.

Compound	%R/%R/RPD	Sample Affected	Action
Aroclor-1016	A/A/33.1	None	None
Aroclor-1260	A/A/32.5	None	None

A= Acceptable NC=Not calculated

Field Duplicate:

1. Sample SOIL DUPLICATE (BK27760) was collected as a field duplicate of sample 15 B11 0-2 (BK27758). Both sample results were non-detect. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS)/Matrix Spike Duplicate (MSD) were performed on sample 15 B11 0-2 (BK27758). 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:

BK27758 LCS

Aroclor-1016

On Column concentration (B)= 341.18ng

Sample weight= 15.0g

DF= 10

Vi= 5ml

%Solids= 100%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{341.18\text{ng} \times 5\text{ml} \times 10}{15.0\text{g}} = 1137.267\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1016	1140	1140	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: GBK27757.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK27757.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK27757
Client: Environmental Business Consultants
Date: 01/18/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) 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 11/23/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 11/24/2015 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 B11 0-2	BK27758	11/23/15	ICP, CVAA, Cyanide	Soil	
15 B11 6-8	BK27759	11/23/15	ICP, CVAA, Cyanide	Soil	
SOIL DUPLICATE	BK27760	11/23/15	ICP, CVAA, Cyanide	Soil	Field Duplicate of Sample 15 B11 0-2

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were 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
Sodium	11/25/15: 11:57	89.3	15 B11 0-2, 15 B11 6-8, SOIL DUPLICATE	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 11/25/2015 %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Zinc	11/25/15: 12:24	134.3	15 B11 6-8, 15 B11 0-2, SOIL DUPLICATE	J+ J
	11/25/15: 15:13	137.5		
	11/25/15: 20:26	135.7		
Iron	12/01/15: 05:02	238.5	15 B11 0-2, 15 B11 6-8, SOIL DUPLICATE	J+

ICP-AES Interference Check Sample:

- 1 All %REC values were within the QC limits (80-120%) for ICSA and ICSAB. No qualifications were required.

Blanks (Method Blank, ICB and CCB):

ICP-AES:

1. Method Blank-Soil (BK27758) digested on 11/24/2015 was free of contamination. No qualifications were required.
2. All ICB and CCBs were free of contamination. No qualifications were required.

Mercury:

1. All ICB and CCBs were free of contamination. No qualifications were required.
2. Method Blank (BK27758) digested on 11/30/2015 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 (BK27758) digested on 11/25/2015 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 (BK27760) was collected as a field duplicate of sample 15 B11 0-2 (BK27758). All RPDs were $\leq 50\%$ (or difference $< 2 \times \text{PQL}$) with the exception of zinc and manganese.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD (or Difference)	Qualifier
15 B11 0-2	Aluminum	SW8466010C	6420	mg/kg	SOIL DUPLICATE	4910	mg/kg	26.7	None
15 B11 0-2	Arsenic	SW8466010C	14.2	mg/kg	SOIL DUPLICATE	18.6	mg/kg	26.8	None
15 B11 0-2	Barium	SW8466010C	87.5	mg/kg	SOIL DUPLICATE	84.0	mg/kg	4.1	None
15 B11 0-2	Beryllium	SW8466010C	0.40	mg/kg	SOIL DUPLICATE	0.24	mg/kg	50.0	None
15 B11 0-2	Cadmium	SW8466010C	2.06	mg/kg	SOIL DUPLICATE	2.33	mg/kg	12.3	None
15 B11 0-2	Calcium	SW8466010C	13500	mg/kg	SOIL DUPLICATE	9820	mg/kg	31.6	None
15 B11 0-2	Chromium	SW8466010C	18.4	mg/kg	SOIL DUPLICATE	21.4	mg/kg	15.1	None
15 B11 0-2	Cobalt	SW8466010C	26.8	mg/kg	SOIL DUPLICATE	28.4	mg/kg	5.8	None
15 B11 0-2	Copper	SW8466010C	51.2	mg/kg	SOIL DUPLICATE	35.5	mg/kg	36.2	None
15 B11 0-2	Cyanide	SW8469012	0.265	mg/kg	SOIL DUPLICATE	ND	mg/kg	(0.3)	None
15 B11 0-2	Iron	SW8466010C	96400	mg/kg	SOIL DUPLICATE	116000	mg/kg	18.5	None
15 B11 0-2	Lead	SW8466010C	317	mg/kg	SOIL DUPLICATE	476	mg/kg	40.1	None
15 B11 0-2	Magnesium	SW8466010C	1460	mg/kg	SOIL DUPLICATE	1280	mg/kg	13.1	None
15 B11 0-2	Manganese	SW8466010C	793	mg/kg	SOIL DUPLICATE	1950	mg/kg	84.4	J
15 B11 0-2	Mercury	SW8467471	0.22	mg/kg	SOIL DUPLICATE	0.21	mg/kg	4.7	None
15 B11 0-2	Nickel	SW8466010C	33.0	mg/kg	SOIL DUPLICATE	38.6	mg/kg	15.6	None
15 B11 0-2	Potassium	SW8466010C	707	mg/kg	SOIL DUPLICATE	518	mg/kg	30.9	None
15 B11 0-2	Sodium	SW8466010C	238	mg/kg	SOIL DUPLICATE	274	mg/kg	14.1	None
15 B11 0-2	Vanadium	SW8466010C	47.1	mg/kg	SOIL DUPLICATE	55.0	mg/kg	15.5	None
15 B11 0-2	Zinc	SW8466010C	123	mg/kg	SOIL DUPLICATE	236	mg/kg	63.0	J

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

ICP-AES and Mercury:

1. Matrix Spike (MS) was performed on sample 15 B11 0-2 (BK27758). All %RECs were within the laboratory control limits with the following exception(s):

Compound	MS%R/Post%R	Sample Affected	Action
Lead	73/A	15 B11 0-2	J-

A= Acceptable

Cyanide:

1. Matrix Spike (MS) was performed on sample 15 B11 0-2 (BK27758). 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 B11 0-2 (BK27758). All RPDs were within the laboratory control limits with the following exception(s):

Element	%R	Sample Affected	Action
Mercury	62.5	15 B11 0-2	J-

ICP-AES Serial Dilution:

1. ICP serial dilution was performed on sample 15 B11 0-2 (BK27758). For all results for which the concentration in the original sample is $\geq 50\times$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$) with the following exception(s):

Element	%D	Sample Affected	Action
Copper	11.9	15 B11 0-2	J
Potassium	16.8	15 B11 0-2	J

Verification of Instrumental Parameters:

1. The following Forms were present in the data package:
 - 1.1 Method Detection Limits, Form- X.
 - 1.2 ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
 - 1.3 ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range.
2. %Solids for all soil samples in this SDG were $>50\%$. No qualifications were required.

3. Manual calculation:

Sample: 15 B11 0-2 (BK27758)

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= 0.77g

%Solids =89.0

DF=1.0

$$\text{Concentration (mg/Kg) (dry wt.)} = \frac{1199.55ug/L \times 50 \times 1.0 \times 1L \times 1000g \times 1mg}{0.77 \times 0.89 \times 1000ml \times 1 kg \times 1000ug} = 87.52 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Barium	87.5	87.5	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: GBK27757.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK27757.



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27757**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B12 6-8	BK27757	E160.3	11/24/15	1	Solids, Percent	89	%			
15 B12 6-8	BK27757	SW8260	11/25/15	1	Acetone	100	ug/kg	J	4.4	44
15 B12 6-8	BK27757	SW8260	11/28/15	50	Naphthalene		ug/kg	UJ	54	270
15 B12 6-8	BK27757	SW8260	11/25/15	1	Ethylbenzene		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Styrene		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Acrolein		ug/kg	U	2.2	18
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,2-Dichloroethane		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Acrylonitrile		ug/kg	U	0.44	18
15 B12 6-8	BK27757	SW8260	11/25/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	4.4	22
15 B12 6-8	BK27757	SW8260	11/25/15	1	Toluene		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Chlorobenzene		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Tetrahydrofuran		ug/kg	U	2.2	8.9
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	UJ	36	89
15 B12 6-8	BK27757	SW8260	11/25/15	1	Dibromochloromethane		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Tetrachloroethylene (PCE)		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,3-Dichloropropane		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Tert-Butyl Methyl Ether		ug/kg	U	0.89	8.9
15 B12 6-8	BK27757	SW8260	11/25/15	1	m,p-Xylene		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Carbon Tetrachloride		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,1-Dichloropropene		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	2-Hexanone		ug/kg	U	4.4	22
15 B12 6-8	BK27757	SW8260	11/25/15	1	2,2-Dichloropropane		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.89	18
15 B12 6-8	BK27757	SW8260	11/25/15	1	Chloroform		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,1,1-Trichloroethane		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Bromomethane		ug/kg	U	1.8	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Chloromethane		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Dibromomethane		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Bromochloromethane		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Chloroethane		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Vinyl Chloride		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Methylene Chloride		ug/kg	U	4.4	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Carbon Disulfide	2.3	ug/kg	J	0.89	4.4



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27757**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B12 6-8	BK27757	SW8260	11/25/15	1	Bromoform		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Bromodichloromethane		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,1-Dichloroethane		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,1-Dichloroethene		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Tert-Butyl Alcohol		ug/kg	UJ	18	89
15 B12 6-8	BK27757	SW8260	11/25/15	1	Trichlorofluoromethane		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Dichlorodifluoromethane		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,2-Dichloropropane		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	4.4	27
15 B12 6-8	BK27757	SW8260	11/25/15	1	1,1,2-Trichloroethane		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	Trichloroethylene (TCE)		ug/kg	U	0.44	4.4
15 B12 6-8	BK27757	SW8260	11/25/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	0.89	4.4
15 B12 6-8	BK27757	SW8260	11/28/15	50	1,1,2,2-Tetrachloroethane		ug/kg	U	54	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	1,2,3-Trichlorobenzene		ug/kg	U	54	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	1,2,3-Trichloropropane		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	1,2,4-Trichlorobenzene		ug/kg	U	54	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	1,2,4-Trimethylbenzene		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	U	54	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	1,2-Dichlorobenzene		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	1,3-Dichlorobenzene		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	1,4-Dichlorobenzene		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	2-Chlorotoluene		ug/kg	U	54	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	4-Chlorotoluene		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	Benzene	61	ug/kg		27	60
15 B12 6-8	BK27757	SW8260	11/28/15	50	Bromobenzene		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	Cymene		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	Hexachlorobutadiene		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	Isopropylbenzene (Cumene)		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	N-Butylbenzene		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	N-Propylbenzene		ug/kg	U	49	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	O-Cymene (O-Isopropyltoluene)		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	Sec-Butylbenzene		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	T-Butylbenzene		ug/kg	U	27	270
15 B12 6-8	BK27757	SW8260	11/28/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	U	140	540
15 B12 6-8	BK27757	SW8270	11/24/15	1	4-Nitroaniline		ug/kg	U	120	740



**2401 3RD AVENUE
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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
15 B12 6-8	BK27757	SW8270	11/24/15	1	4-Nitrophenol		ug/kg	U	170	370
15 B12 6-8	BK27757	SW8270	11/24/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2,4-Dimethylphenol		ug/kg	U	92	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	1,4-Dichlorobenzene		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	4-Chloroaniline		ug/kg	U	170	300
15 B12 6-8	BK27757	SW8270	11/24/15	1	Phenol		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Pyridine		ug/kg	U	92	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	100	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	100	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Di-N-Octylphthalate		ug/kg	U	96	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Hexachlorobenzene		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Anthracene		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	1,2,4-Trichlorobenzene		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2,4-Dichlorophenol		ug/kg	U	130	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2,4-Dinitrotoluene		ug/kg	U	150	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	1,2-Diphenylhydrazine		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Pyrene		ug/kg	U	130	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Dimethyl Phthalate		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Dibenzofuran		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Benzo(G,H,I)Perylene		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Benzo(B)Fluoranthene		ug/kg	U	130	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Fluoranthene		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Benzo(K)Fluoranthene		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Acenaphthylene		ug/kg	U	100	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Chrysene		ug/kg	U	130	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	100	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Benzo(A)Pyrene		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2,4-Dinitrophenol		ug/kg	R	260	740
15 B12 6-8	BK27757	SW8270	11/24/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	400	1900
15 B12 6-8	BK27757	SW8270	11/24/15	1	Dibenz(A,H)Anthracene		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	1,3-Dichlorobenzene		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Benzo(A)Anthracene		ug/kg	U	130	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	4-Chloro-3-Methylphenol		ug/kg	U	130	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2,6-Dinitrotoluene		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	120	260



**2401 3RD AVENUE
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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
15 B12 6-8	BK27757	SW8270	11/24/15	1	Aniline		ug/kg	U	300	300
15 B12 6-8	BK27757	SW8270	11/24/15	1	N-Nitrosodimethylamine		ug/kg	U	100	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Benzoic Acid		ug/kg	R	740	1900
15 B12 6-8	BK27757	SW8270	11/24/15	1	Hexachloroethane		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	130	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Hexachlorocyclopentadiene		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Isophorone		ug/kg	U	100	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Pentachloronitrobenzene		ug/kg	U	140	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Acenaphthene		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Diethyl Phthalate		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Di-N-Butyl Phthalate		ug/kg	U	99	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Phenanthrene		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Benzyl Butyl Phthalate		ug/kg	U	96	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	N-Nitrosodiphenylamine		ug/kg	U	140	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Fluorene		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Carbazole		ug/kg	U	280	1900
15 B12 6-8	BK27757	SW8270	11/24/15	1	Hexachlorobutadiene		ug/kg	U	130	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Pentachlorophenol		ug/kg	U	140	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2,4,6-Trichlorophenol		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2-Nitroaniline		ug/kg	U	380	740
15 B12 6-8	BK27757	SW8270	11/24/15	1	2-Nitrophenol		ug/kg	UJ	240	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Naphthalene		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2-Methylnaphthalene		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2-Chloronaphthalene		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	3,3'-Dichlorobenzidine		ug/kg	U	180	740
15 B12 6-8	BK27757	SW8270	11/24/15	1	Benzidine		ug/kg	U	220	740
15 B12 6-8	BK27757	SW8270	11/24/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	170	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	1,2-Dichlorobenzene		ug/kg	U	100	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2-Chlorophenol		ug/kg	U	110	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	130	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	2,4,5-Trichlorophenol		ug/kg	U	200	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Acetophenone		ug/kg	U	120	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	Nitrobenzene		ug/kg	U	130	260
15 B12 6-8	BK27757	SW8270	11/24/15	1	3-Nitroaniline		ug/kg	U	740	740
15 B12 6-8	BK27757	SW8270	11/24/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	150	260
15 B11 0-2	BK27758	E160.3	11/24/15	1	Solids, Percent	89	%			
15 B11 0-2	BK27758	SW6010	11/25/15	10	Aluminum	6420	mg/kg		7.3	36



**2401 3RD AVENUE
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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
15 B11 0-2	BK27758	SW6010	11/25/15	1	Antimony		mg/kg	U	1.8	1.8
15 B11 0-2	BK27758	SW6010	11/25/15	1	Arsenic	14.2	mg/kg		0.73	0.7
15 B11 0-2	BK27758	SW6010	11/25/15	1	Barium	87.5	mg/kg		0.36	0.7
15 B11 0-2	BK27758	SW6010	11/25/15	1	Beryllium	0.40	mg/kg		0.15	0.29
15 B11 0-2	BK27758	SW6010	11/25/15	1	Cadmium	2.06	mg/kg		0.15	0.36
15 B11 0-2	BK27758	SW6010	11/25/15	10	Calcium	13500	mg/kg		34	36
15 B11 0-2	BK27758	SW6010	11/25/15	1	Chromium, Total	18.4	mg/kg		0.36	0.36
15 B11 0-2	BK27758	SW6010	11/25/15	1	Cobalt	26.8	mg/kg		0.36	0.36
15 B11 0-2	BK27758	SW6010	11/25/15	1	Copper	51.2	mg/kg	J	0.36	0.36
15 B11 0-2	BK27758	SW6010	12/1/15	100	Iron	96400	mg/kg	J+	360	360
15 B11 0-2	BK27758	SW6010	11/25/15	10	Magnesium	1460	mg/kg		36	36
15 B11 0-2	BK27758	SW6010	11/25/15	10	Lead	317	mg/kg	J-	3.6	7.3
15 B11 0-2	BK27758	SW6010	11/25/15	1	Nickel	33.0	mg/kg		0.36	0.36
15 B11 0-2	BK27758	SW6010	11/25/15	10	Manganese	793	mg/kg	J	3.6	3.6
15 B11 0-2	BK27758	SW6010	11/25/15	1	Selenium		mg/kg	U	1.2	1.5
15 B11 0-2	BK27758	SW6010	11/25/15	1	Silver		mg/kg	U	0.36	0.36
15 B11 0-2	BK27758	SW6010	11/25/15	1	Thallium		mg/kg	U	1.5	1.5
15 B11 0-2	BK27758	SW6010	11/25/15	1	Vanadium	47.1	mg/kg		0.36	0.4
15 B11 0-2	BK27758	SW6010	11/25/15	1	Potassium	707	mg/kg	J	2.8	7
15 B11 0-2	BK27758	SW6010	11/25/15	1	Sodium	238	mg/kg	J	3.1	7
15 B11 0-2	BK27758	SW6010	11/25/15	10	Zinc	123	mg/kg	J	3.6	7.3
15 B11 0-2	BK27758	SW7471	11/30/15	1	Mercury	0.22	mg/kg	J-	0.02	0.03
15 B11 0-2	BK27758	SW8081	12/1/15	2	Heptachlor Epoxide		ug/kg	U	7.4	7.4
15 B11 0-2	BK27758	SW8081	12/1/15	2	Endosulfan Sulfate		ug/kg	U	7.4	7.4
15 B11 0-2	BK27758	SW8081	12/1/15	2	Aldrin		ug/kg	U	3.7	3.7
15 B11 0-2	BK27758	SW8081	12/1/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15 B11 0-2	BK27758	SW8081	12/1/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15 B11 0-2	BK27758	SW8081	12/1/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	7.4	7.4
15 B11 0-2	BK27758	SW8081	12/1/15	2	Beta Endosulfan		ug/kg	U	7.4	7.4
15 B11 0-2	BK27758	SW8081	12/1/15	2	P,P'-DDT	4.2	ug/kg		2.2	2.2
15 B11 0-2	BK27758	SW8081	12/1/15	2	cis-Chlordane		ug/kg	U	3.7	3.7
15 B11 0-2	BK27758	SW8081	12/1/15	2	trans-Chlordane		ug/kg	U	3.7	3.7
15 B11 0-2	BK27758	SW8081	12/1/15	2	Endrin Ketone		ug/kg	U	7.4	7.4
15 B11 0-2	BK27758	SW8081	12/1/15	2	Chlordane		ug/kg	U	37	37
15 B11 0-2	BK27758	SW8081	12/1/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.5	1.5
15 B11 0-2	BK27758	SW8081	12/1/15	2	Dieldrin		ug/kg	U	3.7	3.7
15 B11 0-2	BK27758	SW8081	12/1/15	2	Endrin		ug/kg	U	7.4	7.4



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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
15 B11 0-2	BK27758	SW8081	12/1/15	2	Methoxychlor		ug/kg	U	37	37
15 B11 0-2	BK27758	SW8081	12/1/15	2	P,P'-DDD		ug/kg	U	2.2	2.2
15 B11 0-2	BK27758	SW8081	12/1/15	2	P,P'-DDE		ug/kg	U	2.2	2.2
15 B11 0-2	BK27758	SW8081	12/1/15	2	Endrin Aldehyde		ug/kg	U	7.4	7.4
15 B11 0-2	BK27758	SW8081	12/1/15	2	Heptachlor		ug/kg	U	7.4	7.4
15 B11 0-2	BK27758	SW8081	12/1/15	2	Toxaphene		ug/kg	U	150	150
15 B11 0-2	BK27758	SW8081	12/1/15	2	Alpha Endosulfan		ug/kg	U	7.4	7.4
15 B11 0-2	BK27758	SW8082	11/25/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	37	37
15 B11 0-2	BK27758	SW8082	11/25/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	37	37
15 B11 0-2	BK27758	SW8082	11/25/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	37	37
15 B11 0-2	BK27758	SW8082	11/25/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	37	37
15 B11 0-2	BK27758	SW8082	11/25/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	37	37
15 B11 0-2	BK27758	SW8082	11/25/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	37	37
15 B11 0-2	BK27758	SW8082	11/25/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	37	37
15 B11 0-2	BK27758	SW8082	11/25/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	37	37
15 B11 0-2	BK27758	SW8082	11/25/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	37	37
15 B11 0-2	BK27758	SW8260	11/25/15	1	Ethylbenzene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Styrene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	N-Propylbenzene		ug/kg	U	1.3	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	N-Butylbenzene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	4-Chlorotoluene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,4-Dichlorobenzene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Acrolein		ug/kg	U	3.7	30
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,2-Dichloroethane		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Acrylonitrile		ug/kg	U	0.75	30
15 B11 0-2	BK27758	SW8260	11/25/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	7.5	37
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Bromobenzene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Toluene	1.3	ug/kg	J	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Chlorobenzene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Tetrahydrofuran		ug/kg	U	3.7	15
15 B11 0-2	BK27758	SW8260	11/25/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	3.7	15
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,2,4-Trichlorobenzene		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	60	100



**2401 3RD AVENUE
BRONX, 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
15 B11 0-2	BK27758	SW8260	11/25/15	1	Dibromochloromethane		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Tetrachloroethylene (PCE)		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Sec-Butylbenzene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,3-Dichloropropane		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Tert-Butyl Methyl Ether		ug/kg	U	1.5	15
15 B11 0-2	BK27758	SW8260	11/25/15	1	m,p-Xylene		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,3-Dichlorobenzene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Carbon Tetrachloride		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,1-Dichloropropene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	2-Hexanone		ug/kg	U	7.5	37
15 B11 0-2	BK27758	SW8260	11/25/15	1	2,2-Dichloropropane		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	1.5	30
15 B11 0-2	BK27758	SW8260	11/25/15	1	Chloroform		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Benzene	0.79	ug/kg	J	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,1,1-Trichloroethane		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Bromomethane		ug/kg	U	3.0	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Chloromethane		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Dibromomethane		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Bromochloromethane		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Chloroethane		ug/kg	UJ	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Vinyl Chloride		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Methylene Chloride		ug/kg	U	7.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Carbon Disulfide	2.8	ug/kg	J	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Bromoform		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Bromodichloromethane		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,1-Dichloroethane		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,1-Dichloroethene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Tert-Butyl Alcohol		ug/kg	U	30	150
15 B11 0-2	BK27758	SW8260	11/25/15	1	Trichlorofluoromethane		ug/kg	UJ	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Dichlorodifluoromethane		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,2-Dichloropropane		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	7.5	45
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,1,2-Trichloroethane		ug/kg	U	1.5	7.5



**2401 3RD AVENUE
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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
15 B11 0-2	BK27758	SW8260	11/25/15	1	Trichloroethylene (TCE)		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,2,3-Trichlorobenzene		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Hexachlorobutadiene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Acetone		ug/kg	UJ	7.5	37
15 B11 0-2	BK27758	SW8260	11/25/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	2-Chlorotoluene		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,2-Dichlorobenzene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,2,3-Trichloropropane		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	T-Butylbenzene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Cymene		ug/kg	U	0.75	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	UJ	1.5	7.5
15 B11 0-2	BK27758	SW8260	11/25/15	1	Naphthalene		ug/kg	U	1.5	7.5
15 B11 0-2	BK27758	SW8270	11/24/15	1	4-Nitroaniline		ug/kg	U	120	740
15 B11 0-2	BK27758	SW8270	11/24/15	1	4-Nitrophenol		ug/kg	U	170	370
15 B11 0-2	BK27758	SW8270	11/24/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2,4-Dimethylphenol		ug/kg	U	92	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	1,4-Dichlorobenzene		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	4-Chloroaniline		ug/kg	U	170	300
15 B11 0-2	BK27758	SW8270	11/24/15	1	Phenol		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Pyridine		ug/kg	U	91	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	100	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	100	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Di-N-Octylphthalate		ug/kg	U	96	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Hexachlorobenzene		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Anthracene		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	1,2,4-Trichlorobenzene		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2,4-Dichlorophenol		ug/kg	U	130	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2,4-Dinitrotoluene		ug/kg	U	150	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	1,2-Diphenylhydrazine		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2-Methylnaphthalene	160	ug/kg	J	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Dimethyl Phthalate		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Dibenzofuran		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Benzo(G,H,I)Perylene		ug/kg	U	120	260



**2401 3RD AVENUE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B11 0-2	BK27758	SW8270	11/24/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Benzo(A)Anthracene	140	ug/kg	J	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Benzo(A)Pyrene	130	ug/kg	J	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Benzo(K)Fluoranthene		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Acenaphthylene		ug/kg	U	100	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Benzo(B)Fluoranthene	130	ug/kg	J	130	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	100	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Chrysene	180	ug/kg	J	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2,4-Dinitrophenol		ug/kg	R	260	740
15 B11 0-2	BK27758	SW8270	11/24/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	400	1900
15 B11 0-2	BK27758	SW8270	11/24/15	1	Dibenz(A,H)Anthracene		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	1,3-Dichlorobenzene		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Fluoranthene	280	ug/kg		120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	4-Chloro-3-Methylphenol		ug/kg	U	130	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2,6-Dinitrotoluene		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Aniline		ug/kg	U	300	300
15 B11 0-2	BK27758	SW8270	11/24/15	1	N-Nitrosodimethylamine		ug/kg	U	100	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Benzoic Acid		ug/kg	R	740	1900
15 B11 0-2	BK27758	SW8270	11/24/15	1	Hexachloroethane		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Hexachlorocyclopentadiene		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Isophorone		ug/kg	U	100	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Pentachloronitrobenzene		ug/kg	U	140	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Acenaphthene		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Diethyl Phthalate		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Di-N-Butyl Phthalate		ug/kg	U	99	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Naphthalene	170	ug/kg	J	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Benzyl Butyl Phthalate		ug/kg	U	96	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	N-Nitrosodiphenylamine		ug/kg	U	140	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Fluorene		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Carbazole		ug/kg	U	280	1900
15 B11 0-2	BK27758	SW8270	11/24/15	1	Hexachlorobutadiene		ug/kg	U	130	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Pentachlorophenol		ug/kg	U	140	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2,4,6-Trichlorophenol		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2-Nitroaniline		ug/kg	U	370	740
15 B11 0-2	BK27758	SW8270	11/24/15	1	2-Nitrophenol		ug/kg	UJ	230	260



**2401 3RD AVENUE
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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
15 B11 0-2	BK27758	SW8270	11/24/15	1	Phenanthrene	220	ug/kg	J	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Pyrene	220	ug/kg	J	130	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2-Chloronaphthalene		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	3,3'-Dichlorobenzidine		ug/kg	U	170	740
15 B11 0-2	BK27758	SW8270	11/24/15	1	Benzidine		ug/kg	R	220	740
15 B11 0-2	BK27758	SW8270	11/24/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	170	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	1,2-Dichlorobenzene		ug/kg	U	100	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2-Chlorophenol		ug/kg	U	110	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	130	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	2,4,5-Trichlorophenol		ug/kg	U	200	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Acetophenone		ug/kg	U	120	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	Nitrobenzene		ug/kg	U	130	260
15 B11 0-2	BK27758	SW8270	11/24/15	1	3-Nitroaniline		ug/kg	U	740	740
15 B11 0-2	BK27758	SW8270	11/24/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	150	260
15 B11 0-2	BK27758	SW9012	11/25/15	1	Cyanide	0.265	mg/kg	J	0.25	0.51
15 B11 6-8	BK27759	E160.3	11/24/15	1	Solids, Percent	83	%			
15 B11 6-8	BK27759	SW6010	11/25/15	10	Iron	82500	mg/kg	J+	39	39
15 B11 6-8	BK27759	SW6010	11/25/15	10	Aluminum	9670	mg/kg		7.7	39
15 B11 6-8	BK27759	SW6010	11/25/15	10	Magnesium	6540	mg/kg		39	39
15 B11 6-8	BK27759	SW6010	11/25/15	10	Potassium	916	mg/kg		30	77
15 B11 6-8	BK27759	SW6010	11/25/15	10	Calcium	5850	mg/kg		36	39
15 B11 6-8	BK27759	SW6010	11/25/15	1	Lead	50.7	mg/kg		0.39	0.8
15 B11 6-8	BK27759	SW6010	11/25/15	1	Nickel	22.6	mg/kg		0.39	0.39
15 B11 6-8	BK27759	SW6010	11/25/15	1	Silver		mg/kg	U	0.39	0.39
15 B11 6-8	BK27759	SW6010	11/25/15	1	Thallium		mg/kg	U	1.5	1.5
15 B11 6-8	BK27759	SW6010	11/25/15	1	Antimony		mg/kg	U	1.9	1.9
15 B11 6-8	BK27759	SW6010	11/25/15	1	Arsenic	1.5	mg/kg		0.77	0.8
15 B11 6-8	BK27759	SW6010	11/25/15	1	Barium	27.0	mg/kg		0.39	0.8
15 B11 6-8	BK27759	SW6010	11/25/15	1	Beryllium	0.38	mg/kg		0.15	0.31
15 B11 6-8	BK27759	SW6010	11/25/15	1	Cadmium	1.59	mg/kg		0.15	0.39
15 B11 6-8	BK27759	SW6010	11/25/15	1	Chromium, Total	23.2	mg/kg		0.39	0.39
15 B11 6-8	BK27759	SW6010	11/25/15	1	Cobalt	16.9	mg/kg		0.39	0.39
15 B11 6-8	BK27759	SW6010	11/25/15	1	Copper	31.1	mg/kg		0.39	0.39
15 B11 6-8	BK27759	SW6010	11/25/15	1	Vanadium	33.8	mg/kg		0.39	0.4
15 B11 6-8	BK27759	SW6010	11/25/15	10	Sodium	1610	mg/kg	J	33	77
15 B11 6-8	BK27759	SW6010	11/25/15	1	Selenium		mg/kg	U	1.3	1.5
15 B11 6-8	BK27759	SW6010	12/1/15	100	Manganese	2450	mg/kg		39	39



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B11 6-8	BK27759	SW6010	11/25/15	1	Zinc	24.6	mg/kg	J+	0.39	0.8
15 B11 6-8	BK27759	SW7471	11/30/15	1	Mercury		mg/kg	U	0.02	0.03
15 B11 6-8	BK27759	SW8081	12/1/15	2	Heptachlor Epoxide		ug/kg	U	8.0	8.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Endosulfan Sulfate		ug/kg	U	8.0	8.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Aldrin		ug/kg	U	4.0	4.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	8.0	8.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	8.0	8.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	8.0	8.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Beta Endosulfan		ug/kg	U	8.0	8.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	P,P'-DDT		ug/kg	U	2.4	2.4
15 B11 6-8	BK27759	SW8081	12/1/15	2	cis-Chlordane		ug/kg	U	4.0	4.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	trans-Chlordane		ug/kg	U	4.0	4.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Endrin Ketone		ug/kg	U	8.0	8.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Chlordane		ug/kg	U	40	40
15 B11 6-8	BK27759	SW8081	12/1/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.6	1.6
15 B11 6-8	BK27759	SW8081	12/1/15	2	Dieldrin		ug/kg	U	4.0	4.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Endrin		ug/kg	U	8.0	8.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Methoxychlor		ug/kg	U	40	40
15 B11 6-8	BK27759	SW8081	12/1/15	2	P,P'-DDD		ug/kg	U	2.4	2.4
15 B11 6-8	BK27759	SW8081	12/1/15	2	P,P'-DDE		ug/kg	U	2.4	2.4
15 B11 6-8	BK27759	SW8081	12/1/15	2	Endrin Aldehyde		ug/kg	U	8.0	8.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Heptachlor		ug/kg	U	8.0	8.0
15 B11 6-8	BK27759	SW8081	12/1/15	2	Toxaphene		ug/kg	U	160	160
15 B11 6-8	BK27759	SW8081	12/1/15	2	Alpha Endosulfan		ug/kg	U	8.0	8.0
15 B11 6-8	BK27759	SW8082	11/26/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	40	40
15 B11 6-8	BK27759	SW8082	11/26/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	40	40
15 B11 6-8	BK27759	SW8082	11/26/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	40	40
15 B11 6-8	BK27759	SW8082	11/26/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	40	40
15 B11 6-8	BK27759	SW8082	11/26/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	40	40
15 B11 6-8	BK27759	SW8082	11/26/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	40	40
15 B11 6-8	BK27759	SW8082	11/26/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	40	40
15 B11 6-8	BK27759	SW8082	11/26/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	40	40
15 B11 6-8	BK27759	SW8082	11/26/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	40	40
15 B11 6-8	BK27759	SW8260	11/25/15	1	Acetone	19	ug/kg	J	3.7	37
15 B11 6-8	BK27759	SW8260	11/25/15	1	Ethylbenzene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Styrene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Cis-1,3-Dichloropropene		ug/kg	U	0.37	3.7



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B11 6-8	BK27759	SW8260	11/25/15	1	Trans-1,3-Dichloropropene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	N-Propylbenzene		ug/kg	U	0.66	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	N-Butylbenzene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	4-Chlorotoluene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,4-Dichlorobenzene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Acrolein		ug/kg	U	1.8	15
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,2-Dichloroethane		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Acrylonitrile		ug/kg	U	0.37	15
15 B11 6-8	BK27759	SW8260	11/25/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	3.7	18
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Bromobenzene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Toluene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Chlorobenzene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Tetrahydrofuran		ug/kg	U	1.8	7.3
15 B11 6-8	BK27759	SW8260	11/25/15	1	Trans-1,4-Dichloro-2-Butene		ug/kg	U	1.8	7.3
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,2,4-Trichlorobenzene		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,4-Dioxane (P-Dioxane)		ug/kg	U	29	73
15 B11 6-8	BK27759	SW8260	11/25/15	1	Dibromochloromethane		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Tetrachloroethylene (PCE)		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Sec-Butylbenzene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,3-Dichloropropane		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Cis-1,2-Dichloroethylene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Trans-1,2-Dichloroethene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Tert-Butyl Methyl Ether		ug/kg	U	0.73	7.3
15 B11 6-8	BK27759	SW8260	11/25/15	1	m,p-Xylene		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	O-Cymene (O-Isopropyltoluene)		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,3-Dichlorobenzene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Carbon Tetrachloride		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,1-Dichloropropene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	2-Hexanone		ug/kg	U	3.7	18
15 B11 6-8	BK27759	SW8260	11/25/15	1	2,2-Dichloropropane		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,1,1,2-Tetrachloroethane		ug/kg	U	0.73	15
15 B11 6-8	BK27759	SW8260	11/25/15	1	Chloroform		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Benzene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,1,1-Trichloroethane		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Bromomethane		ug/kg	U	1.5	3.7



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B11 6-8	BK27759	SW8260	11/25/15	1	Chloromethane		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Dibromomethane		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Bromochloromethane		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Chloroethane		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Vinyl Chloride		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Methylene Chloride		ug/kg	U	3.7	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Carbon Disulfide		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Bromoform		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Bromodichloromethane		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,1-Dichloroethane		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,1-Dichloroethene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Tert-Butyl Alcohol		ug/kg	U	15	73
15 B11 6-8	BK27759	SW8260	11/25/15	1	Trichlorofluoromethane		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Dichlorodifluoromethane		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,2-Dichloropropane		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	3.7	22
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,1,2-Trichloroethane		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Trichloroethylene (TCE)		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,1,2,2-Tetrachloroethane		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,2,3-Trichlorobenzene		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Hexachlorobutadiene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	2-Chlorotoluene		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,2-Dichlorobenzene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,2,4-Trimethylbenzene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,2,3-Trichloropropane		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	T-Butylbenzene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Isopropylbenzene (Cumene)		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Cymene		ug/kg	U	0.37	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	1,2-Dibromo-3-Chloropropane		ug/kg	UJ	0.73	3.7
15 B11 6-8	BK27759	SW8260	11/25/15	1	Naphthalene		ug/kg	U	0.73	3.7
15 B11 6-8	BK27759	SW8270	11/24/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	UJ	140	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	1,2,4-Trichlorobenzene		ug/kg	UJ	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	1,2-Dichlorobenzene		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	1,2-Diphenylhydrazine		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	1,3-Dichlorobenzene		ug/kg	U	120	270



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B11 6-8	BK27759	SW8270	11/24/15	1	1,4-Dichlorobenzene		ug/kg	U	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2,4,5-Trichlorophenol		ug/kg	UJ	210	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2,4,6-Trichlorophenol		ug/kg	UJ	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2,4-Dichlorophenol		ug/kg	UJ	140	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2,4-Dimethylphenol		ug/kg	UJ	97	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2,4-Dinitrophenol		ug/kg	R	270	780
15 B11 6-8	BK27759	SW8270	11/24/15	1	2,4-Dinitrotoluene		ug/kg	U	150	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2,6-Dinitrotoluene		ug/kg	U	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2-Chloronaphthalene		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2-Chlorophenol		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2-Methylnaphthalene		ug/kg	UJ	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	180	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	2-Nitroaniline		ug/kg	U	390	780
15 B11 6-8	BK27759	SW8270	11/24/15	1	2-Nitrophenol		ug/kg	UJ	250	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	150	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	3,3'-Dichlorobenzidine		ug/kg	U	180	780
15 B11 6-8	BK27759	SW8270	11/24/15	1	3-Nitroaniline		ug/kg	U	780	780
15 B11 6-8	BK27759	SW8270	11/24/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	420	1900
15 B11 6-8	BK27759	SW8270	11/24/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	4-Chloro-3-Methylphenol		ug/kg	UJ	140	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	4-Chloroaniline		ug/kg	UJ	180	310
15 B11 6-8	BK27759	SW8270	11/24/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	4-Nitroaniline		ug/kg	U	130	780
15 B11 6-8	BK27759	SW8270	11/24/15	1	4-Nitrophenol		ug/kg	U	180	390
15 B11 6-8	BK27759	SW8270	11/24/15	1	Acenaphthene		ug/kg	U	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Acenaphthylene		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Acetophenone		ug/kg	U	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Aniline		ug/kg	U	310	310
15 B11 6-8	BK27759	SW8270	11/24/15	1	Anthracene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Benzidine		ug/kg	U	230	780
15 B11 6-8	BK27759	SW8270	11/24/15	1	Benzo(A)Anthracene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Benzo(A)Pyrene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Benzo(B)Fluoranthene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Benzo(G,H,I)Perylene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Benzo(K)Fluoranthene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Benzoic Acid		ug/kg	R	780	1900



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
15 B11 6-8	BK27759	SW8270	11/24/15	1	Benzyl Butyl Phthalate		ug/kg	U	100	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	UJ	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Carbazole		ug/kg	U	300	1900
15 B11 6-8	BK27759	SW8270	11/24/15	1	Chrysene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Dibenz(A,H)Anthracene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Dibenzofuran		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Diethyl Phthalate		ug/kg	U	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Dimethyl Phthalate		ug/kg	U	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Di-N-Butyl Phthalate		ug/kg	U	100	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Di-N-Octylphthalate		ug/kg	U	100	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Fluoranthene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Fluorene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Hexachlorobenzene		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Hexachlorobutadiene		ug/kg	UJ	140	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Hexachlorocyclopentadiene		ug/kg	UJ	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Hexachloroethane		ug/kg	U	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Isophorone		ug/kg	UJ	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Naphthalene		ug/kg	UJ	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Nitrobenzene		ug/kg	UJ	140	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	N-Nitrosodimethylamine		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	N-Nitrosodiphenylamine		ug/kg	U	150	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Pentachloronitrobenzene		ug/kg	U	150	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Pentachlorophenol		ug/kg	U	150	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Phenanthrene		ug/kg	U	110	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Phenol		ug/kg	U	120	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Pyrene		ug/kg	U	130	270
15 B11 6-8	BK27759	SW8270	11/24/15	1	Pyridine		ug/kg	U	96	270
15 B11 6-8	BK27759	SW9012	11/25/15	1	Cyanide		mg/kg	U	0.27	0.54
SOIL DUPLICATE	BK27760	E160.3	11/24/15	1	Solids, Percent	92	%			
SOIL DUPLICATE	BK27760	SW6010	12/1/15	100	Iron	116000	mg/kg	J+	340	340
SOIL DUPLICATE	BK27760	SW6010	12/1/15	100	Manganese	1950	mg/kg	J	34	34
SOIL DUPLICATE	BK27760	SW6010	11/25/15	10	Aluminum	4910	mg/kg		6.8	34
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Antimony		mg/kg	U	1.7	1.7



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Arsenic	18.6	mg/kg		0.68	0.7
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Barium	84.0	mg/kg		0.34	0.7
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Beryllium	0.24	mg/kg	J	0.14	0.27
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Cadmium	2.33	mg/kg		0.14	0.34
SOIL DUPLICATE	BK27760	SW6010	11/25/15	10	Calcium	9820	mg/kg		31	34
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Chromium, Total	21.4	mg/kg		0.34	0.34
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Cobalt	28.4	mg/kg		0.34	0.34
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Copper	35.5	mg/kg		0.34	0.34
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Sodium	274	mg/kg	J	2.9	7
SOIL DUPLICATE	BK27760	SW6010	11/25/15	10	Lead	476	mg/kg		3.4	6.8
SOIL DUPLICATE	BK27760	SW6010	11/25/15	10	Magnesium	1280	mg/kg		34	34
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Nickel	38.6	mg/kg		0.34	0.34
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Potassium	518	mg/kg		2.6	7
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Selenium		mg/kg	U	1.2	1.4
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Silver		mg/kg	U	0.34	0.34
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Thallium		mg/kg	U	1.4	1.4
SOIL DUPLICATE	BK27760	SW6010	11/25/15	1	Vanadium	55.0	mg/kg		0.34	0.3
SOIL DUPLICATE	BK27760	SW6010	11/25/15	10	Zinc	236	mg/kg	J	3.4	6.8
SOIL DUPLICATE	BK27760	SW7471	11/30/15	1	Mercury	0.21	mg/kg		0.02	0.03
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Heptachlor Epoxide		ug/kg	U	7.2	7.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Endosulfan Sulfate		ug/kg	U	7.2	7.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Aldrin		ug/kg	U	3.6	3.6
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	U	7.2	7.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	U	7.2	7.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	U	7.2	7.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Beta Endosulfan		ug/kg	U	7.2	7.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	P,P'-DDT	3.6	ug/kg		2.2	2.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	cis-Chlordane		ug/kg	U	3.6	3.6
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	trans-Chlordane		ug/kg	U	3.6	3.6
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Endrin Ketone		ug/kg	U	7.2	7.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Chlordane		ug/kg	U	36	36
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Gamma Bhc (Lindane)		ug/kg	U	1.4	1.4
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Dieldrin		ug/kg	U	3.6	3.6
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Endrin		ug/kg	U	7.2	7.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Methoxychlor		ug/kg	U	36	36
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	P,P'-DDD		ug/kg	U	2.2	2.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	P,P'-DDE		ug/kg	U	2.2	2.2



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27757**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Endrin Aldehyde		ug/kg	U	7.2	7.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Heptachlor		ug/kg	U	7.2	7.2
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Toxaphene		ug/kg	U	140	140
SOIL DUPLICATE	BK27760	SW8081	12/1/15	2	Alpha Endosulfan		ug/kg	U	7.2	7.2
SOIL DUPLICATE	BK27760	SW8082	11/26/15	2	PCB-1260 (Aroclor 1260)		ug/kg	U	36	36
SOIL DUPLICATE	BK27760	SW8082	11/26/15	2	PCB-1254 (Aroclor 1254)		ug/kg	U	36	36
SOIL DUPLICATE	BK27760	SW8082	11/26/15	2	PCB-1268 (Aroclor 1268)		ug/kg	U	36	36
SOIL DUPLICATE	BK27760	SW8082	11/26/15	2	PCB-1221 (Aroclor 1221)		ug/kg	U	36	36
SOIL DUPLICATE	BK27760	SW8082	11/26/15	2	PCB-1232 (Aroclor 1232)		ug/kg	U	36	36
SOIL DUPLICATE	BK27760	SW8082	11/26/15	2	PCB-1248 (Aroclor 1248)		ug/kg	U	36	36
SOIL DUPLICATE	BK27760	SW8082	11/26/15	2	PCB-1016 (Aroclor 1016)		ug/kg	U	36	36
SOIL DUPLICATE	BK27760	SW8082	11/26/15	2	PCB-1262 (Aroclor 1262)		ug/kg	U	36	36
SOIL DUPLICATE	BK27760	SW8082	11/26/15	2	PCB-1242 (Aroclor 1242)		ug/kg	U	36	36
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Acetone		ug/kg	UJ	340	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Ethylbenzene	44	ug/kg	J	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Styrene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Cis-1,3-Dichloropropene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Trans-1,3-Dichloropropene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	N-Propylbenzene		ug/kg	U	62	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	N-Butylbenzene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	4-Chlorotoluene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,4-Dichlorobenzene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,2-Dibromoethane (Ethylene Dibromide)		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Acrolein		ug/kg	U	170	1400
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,2-Dichloroethane		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Acrylonitrile		ug/kg	U	34	1400
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/kg	U	340	1700
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,3,5-Trimethylbenzene (Mesitylene)		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Bromobenzene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Toluene	75	ug/kg	J	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Chlorobenzene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Tetrahydrofuran		ug/kg	U	170	690
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Trans-1,4-Dichloro-2-Butene		ug/kg	U	170	690
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,2,4-Trichlorobenzene		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,4-Dioxane (P-Dioxane)		ug/kg	U	2800	6900
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Dibromochloromethane		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Tetrachloroethylene (PCE)		ug/kg	U	69	340



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DATA SUMMARY TABLE
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SDG: GBK27757**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Sec-Butylbenzene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,3-Dichloropropane		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Cis-1,2-Dichloroethylene		ug/kg	U	34	250
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Trans-1,2-Dichloroethene		ug/kg	U	34	150
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Tert-Butyl Methyl Ether		ug/kg	U	69	690
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	m,p-Xylene	73	ug/kg	J	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	O-Cymene (O-Isopropyltoluene)		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,3-Dichlorobenzene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Carbon Tetrachloride		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,1-Dichloropropene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	2-Hexanone		ug/kg	U	340	1700
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	2,2-Dichloropropane		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,1,1,2-Tetrachloroethane		ug/kg	U	69	1400
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Chloroform		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Benzene	57	ug/kg	J	34	60
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,1,1-Trichloroethane		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Bromomethane		ug/kg	U	140	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Chloromethane		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Dibromomethane		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Bromochloromethane		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Chloroethane		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Vinyl Chloride		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Methylene Chloride		ug/kg	U	340	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Carbon Disulfide		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Bromoform		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Bromodichloromethane		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,1-Dichloroethane		ug/kg	U	69	250
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,1-Dichloroethene		ug/kg	U	34	330
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Tert-Butyl Alcohol		ug/kg	U	1400	6900
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Trichlorofluoromethane		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Dichlorodifluoromethane		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,2-Dichloropropane		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Methyl Ethyl Ketone (2-Butanone)		ug/kg	U	340	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,1,2-Trichloroethane		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Trichloroethylene (TCE)		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,1,2,2-Tetrachloroethane		ug/kg	U	69	340



**2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27757**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,2,3-Trichlorobenzene		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Hexachlorobutadiene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Naphthalene	160	ug/kg	J	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	O-Xylene (1,2-Dimethylbenzene)		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	2-Chlorotoluene		ug/kg	U	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,2-Dichlorobenzene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,2,4-Trimethylbenzene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,2-Dibromo-3-Chloropropane		ug/kg	UJ	69	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	1,2,3-Trichloropropane		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	T-Butylbenzene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Isopropylbenzene (Cumene)		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8260	11/25/15	50	Cymene		ug/kg	U	34	340
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	4-Nitroaniline		ug/kg	U	120	710
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	4-Nitrophenol		ug/kg	U	160	360
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	4-Bromophenyl Phenyl Ether		ug/kg	U	100	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2,4-Dimethylphenol		ug/kg	U	88	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	1,4-Dichlorobenzene		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	4-Chloroaniline		ug/kg	U	170	280
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Phenol		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Pyridine		ug/kg	U	87	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/kg	U	96	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Bis(2-Chloroethoxy) Methane		ug/kg	U	98	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Bis(2-Ethylhexyl) Phthalate		ug/kg	U	100	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Di-N-Octylphthalate		ug/kg	U	92	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Hexachlorobenzene		ug/kg	U	100	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Anthracene		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	1,2,4-Trichlorobenzene		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2,4-Dichlorophenol		ug/kg	U	130	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2,4-Dinitrotoluene		ug/kg	U	140	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	1,2-Diphenylhydrazine		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Benzo(A)Anthracene	120	ug/kg	J	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Dimethyl Phthalate		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Dibenzofuran		ug/kg	U	100	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Benzo(G,H,I)Perylene		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Indeno(1,2,3-C,D)Pyrene		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Benzo(B)Fluoranthene		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Chrysene	140	ug/kg	J	120	250



**2401 3RD AVENUE
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DATA SUMMARY TABLE
SOIL
SDG: GBK27757**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Benzo(K)Fluoranthene		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Acenaphthylene		ug/kg	U	99	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Fluoranthene	240	ug/kg	J	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2,2-Oxybis(2-Chloropropane)		ug/kg	U	99	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Benzo(A)Pyrene		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2,4-Dinitrophenol		ug/kg	R	250	710
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	4,6-Dinitro-2-Methylphenol		ug/kg	UJ	380	1800
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Dibenz(A,H)Anthracene		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	1,3-Dichlorobenzene		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Phenanthrene	160	ug/kg	J	100	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	4-Chloro-3-Methylphenol		ug/kg	U	130	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2,6-Dinitrotoluene		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	N-Nitrosodi-N-Propylamine		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Aniline		ug/kg	U	280	280
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	N-Nitrosodimethylamine		ug/kg	U	100	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Benzoic Acid		ug/kg	R	710	1800
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Hexachloroethane		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	4-Chlorophenyl Phenyl Ether		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Hexachlorocyclopentadiene		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Isophorone		ug/kg	U	99	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Pentachloronitrobenzene		ug/kg	U	130	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Acenaphthene		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Diethyl Phthalate		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Di-N-Butyl Phthalate		ug/kg	U	94	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Pyrene	210	ug/kg	J	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Benzyl Butyl Phthalate		ug/kg	U	92	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	N-Nitrosodiphenylamine		ug/kg	U	140	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Fluorene		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Carbazole		ug/kg	U	270	1800
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Hexachlorobutadiene		ug/kg	U	130	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Pentachlorophenol		ug/kg	U	130	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2,4,6-Trichlorophenol		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2-Nitroaniline		ug/kg	U	360	710
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2-Nitrophenol		ug/kg	UJ	230	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Naphthalene		ug/kg	U	100	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2-Methylnaphthalene		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2-Chloronaphthalene		ug/kg	U	100	250



2401 3RD AVENUE
BRONX, NY
DATA SUMMARY TABLE
SOIL
SDG: GBK27757

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	MDL	RL
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	3,3'-Dichlorobenzidine		ug/kg	U	170	710
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Benzidine		ug/kg	U	210	710
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2-Methylphenol (O-Cresol)		ug/kg	U	170	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	1,2-Dichlorobenzene		ug/kg	U	100	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2-Chlorophenol		ug/kg	U	100	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	1,2,4,5-Tetrachlorobenzene		ug/kg	U	130	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	2,4,5-Trichlorophenol		ug/kg	U	190	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Acetophenone		ug/kg	U	110	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	Nitrobenzene		ug/kg	U	120	250
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	3-Nitroaniline		ug/kg	U	710	710
SOIL DUPLICATE	BK27760	SW8270	11/24/15	1	3- And 4- Methylphenol (Total)		ug/kg	U	140	250
SOIL DUPLICATE	BK27760	SW9012	11/25/15	1	Cyanide		mg/kg	U	0.24	0.49

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32367
Client: Environmental Business Consultants
Date: 02/05/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for nine (9) 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 12/02/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
MW 1	BK32367	12/02/15	SVO	Water	
MW 2	BK32368	12/02/15	SVO	Water	
MW 4	BK32369	12/02/15	SVO	Water	
MW 5	BK32370	12/02/15	SVO	Water	
MW 7	BK32371	12/02/15	SVO	Water	
MW 8	BK32372	12/02/15	SVO	Water	
MW 9	BK32373	12/02/15	SVO	Water	
MW 10	BK32374	12/02/15	SVO	Water	
MW 11D	BK32375	12/02/15	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 12/08/2015 (CHEM04)-SIM Scan 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.

2. Initial calibration curve analyzed on 12/04/2015 (CHEM19)-Full Scan 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.
3. Initial calibration curve analyzed on 12/08/2015 (CHEM07)-SIM Scan 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.
4. Initial calibration curve analyzed on 12/04/2015 (CHEM25)-Full Scan 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 12/09/2014 @ 08:15 (CHEM04)-SIM scan exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.
2. CCV analyzed on 12/09/2015 @ 19:17 (CHEM04)-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.
3. CCV analyzed on 12/09/2015 @ 09:50 (CHEM19)-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
N-Nitrosodimethylamine	43.2
Pyridine	39.4

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 5	BK32370	N-Nitrosodimethylamine, Pyridine	UJ
MW 10	BK32374	N-Nitrosodimethylamine, Pyridine	UJ
MW 11D	BK32375	N-Nitrosodimethylamine, Pyridine	UJ

4. CCV analyzed on 12/09/2015 @ 21:25 (CHEM19)-Full scan exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$. No qualifications were required.

5. CCV analyzed on 12/09/2015 @ 08:15 (CHEM07)-SIM scan exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.
6. CCV analyzed on 12/09/2015 @ 19:35 (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.
7. CCV analyzed on 12/09/2015 @ 09:40 (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
N-Nitrosodimethylamine	-39.9
Pyridine	-42.5

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 1	BK32367	N-Nitrosodimethylamine, Pyridine	UJ
MW 2	BK32368	N-Nitrosodimethylamine, Pyridine	UJ
MW 4	BK32369	N-Nitrosodimethylamine, Pyridine	UJ
MW 7	BK32371	N-Nitrosodimethylamine, Pyridine	UJ
MW 8	BK32372	N-Nitrosodimethylamine, Pyridine	UJ
MW 9	BK32373	N-Nitrosodimethylamine, Pyridine	UJ

8. CCV analyzed on 12/09/2015 @ 17:32 (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
Benzidine ⁽¹⁾	58.7

(1) Results for this compound were qualified as rejected due to low LCS recovery.

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 1	BK32367	Benzidine	R
MW 2	BK32368	Benzidine	R
MW 4	BK32369	Benzidine	R
MW 7	BK32371	Benzidine	R
MW 8	BK32372	Benzidine	R
MW 9	BK32373	Benzidine	R

Surrogates:

1. All surrogate %REC values were within the QC acceptance limits for the full scan. No qualifications were required.
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
MW2	2,4,6-tribromophenol	113	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	None
MW9	2,4,6-tribromophenol	115	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	None
MW4	2,4,6-tribromophenol	116	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	None
MW5	2,4,6-tribromophenol	115	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	None
MW11D	2-Fluorophenol	12	Acenaphthylene	UJ
	Nitrobenzene-d5	14	Hexachloroethane	UJ
			Nitrobenzene	UJ
			Hexachlorobutadiene	UJ
MW8	Nitrobenzene-d5	14	1,2,4,5-Tetrachlorobenzene	UJ
			Acenaphthylene	UJ
			Hexachloroethane	UJ
			Nitrobenzene	UJ
MW8	Nitrobenzene-d5	14	Hexachlorobutadiene	UJ
			1,2,4,5-Tetrachlorobenzene	UJ
			Hexachlorobutadiene	UJ
			1,2,4,5-Tetrachlorobenzene	UJ

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 (BK32364 BLANK)-full Scan associated with the water samples extracted on 12/07/2015 and analyzed on 12/09/2015 was free of contamination. No qualifications

were required.

2. Method Blank (BK32364 BLANK)-SIM Scan associated with the water samples extracted on 12/07/2015 and analyzed on 12/09/2015 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: BK32364-SIM were analyzed on 12/09/2015. 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/29.2	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
Nitrobenzene	A/A/23.5	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
Hexachlorobutadiene	A/A/24.3	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ

A=Acceptable

2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK32364 were analyzed on 12/09/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Pyridine	17/A/25.6	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
N-Nitrosodimethylamine	A/A/32.0	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
Bis(2-chloroethyl)ether	A/A/23.3	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
Aniline	A/A/23.3	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
1,3-Dichlorobenzene	A/A/21.2	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
1,4-Dichlorobenzene	A/A/21.2	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
2-Nitrophenol	A/A/26.6	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
2,4-Dimethylphenol	A/A/23.8	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ

Compound	%R/%R/RPD	Sample Affected	Action
Bis(2-chloroethoxy)methane	A/14/134.1	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
Benzoic Acid	A/A/38.0	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
2,4-Dichlorophenol	A/A/20.2	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
1,2,4-Trichlorobenzene	A/A/29.6	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
Naphthalene	A/A/28.6	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
2-Methylnaphthalene	A/A/23.6	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
Hexachlorocyclopentadiene	A/A/25.5	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
3-Nitroaniline	A/A/31.4	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
2,4-Dinitrophenol	A/127/A	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	None
Carbazole	A/A/47.7	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ
Benzidine	A/0/NC	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	R
3,3'-Dichlorobenzidine	A/13/120	MW 1, MW 2, MW 4, MW 5, MW 7, MW 8, MW 9, MW 10, MW 11D	UJ

A=Acceptable

Field Duplicate:

1. A field duplicate pair was not submitted with this SDG.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) 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: BK32364 LCS

2,4-Dimethylphenol

Initial Volume: 1000ml

Final volume: 1ml

Volume injected: 1 μ l

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{342794 \times 40 \times 1\text{ml} \times 1 \times 1000}{1143693 \times 0.323 \times 1\mu\text{l} \times 1000\text{ml}} = 37.0\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
2,4-Dimethylphenol	37.07	37.07	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: GBK32367.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32367.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32367
Client: Environmental Business Consultants
Date: 02/05/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for nine (9) water samples and one (1) 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 12/02/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
MW 1	BK32367	12/02/15	VOA	Water	
MW 2	BK32368	12/02/15	VOA	Water	
MW 4	BK32369	12/02/15	VOA	Water	
MW 5	BK32370	12/02/15	VOA	Water	
MW 7	BK32371	12/02/15	VOA	Water	
MW 8	BK32372	12/02/15	VOA	Water	
MW 9	BK32373	12/02/15	VOA	Water	
MW 10	BK32374	12/02/15	VOA	Water	
MW 11D	BK32375	12/02/15	VOA	Water	
Trip Blank	BK32376	12/02/15	VOA	Water	Trip Blank

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All water samples were analyzed within 14 days from sample collection. No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 12/05/2015 (Chem17) 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
Acetone	A	25.9
1,2-Dibromo-3-Chloropropane	0.035	A
Naphthalene	A	31.6

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 1	BK32367	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	UJ
MW 2	BK32368	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	UJ
MW 4	BK32369	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	UJ
MW 5	BK32370	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	UJ
MW 7	BK32371	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	UJ
MW 8	BK32372	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	UJ
MW 9	BK32373	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	UJ
MW 10	BK32374	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	UJ
MW 11D	BK32375	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	UJ
Trip Blank	BK32376	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	J UJ

Continuing Calibration Verification (CCV):

1. CCV analyzed on 12/05/2015 @ 12:27 (CHEM17) 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
Acrolein	35.6

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 1	BK32367	Acrolein	UJ
MW 2	BK32368	Acrolein	UJ
MW 4	BK32369	Acrolein	UJ
MW 5	BK32370	Acrolein	UJ
MW 7	BK32371	Acrolein	UJ
MW 8	BK32372	Acrolein	UJ
MW 9	BK32373	Acrolein	UJ
MW 10	BK32374	Acrolein	UJ
MW 11D	BK32375	Acrolein	UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
Trip Blank	BK32376	Acrolein	UJ

2. CCV analyzed on 12/05/2015 @ 21:54 (CHEM17) 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
Bromomethane	27.4
Acrolein ⁽¹⁾	35.6
Trans-1,4-Dichloro-2-butene	37.1
Naphthalene ⁽¹⁾	-41.1

(1) Results for these compounds were qualified by ICV or initial CCV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 1	BK32367	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	UJ
MW 2	BK32368	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	UJ
MW 4	BK32369	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	UJ
MW 5	BK32370	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	UJ
MW 7	BK32371	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	UJ
MW 8	BK32372	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	UJ
MW 9	BK32373	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	UJ
MW 10	BK32374	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	UJ
MW 11D	BK32375	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	UJ
Trip Blank	BK32376	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	UJ

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 BK32376) was analyzed on 12/05/2015 was free of contamination. No qualifications were required.
2. TRIP BLANK (BK32376) associated with this SDG was analyzed on 12/05/2015 was free of contamination. No qualifications were required.

Laboratory Sample ID	Compound	Results (µg/L)	Action Level (2x CRQL) (µg/L)	Sample Affected	Action
TRIP BLANK	Acetone	4.8	10	MW 1	None
				MW 2	None
				MW 4	None
				MW 5	U
				MW 7	None
				MW 8	None
				MW 9	U
				MW 10	None
				MW 11D	U

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK32376 were analyzed on 12/05/2015. 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.

MW 2 (BK32368)

Chloromethane

Sample Volume= 25ml

Volume purged=25ml

DF = 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{15558 \times 25 \times 10 \times 1}{147535 \times 0.959 \times 25} = 1.0996 \mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Chloromethane	1.1	1.1	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: GBK32367.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32367.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32367
Client: Environmental Business Consultants
Date: 02/08/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for nine (9) 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 12/02/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
MW 1	BK32367	12/02/15	Pesticides	Water	
MW 2	BK32368	12/02/15	Pesticides	Water	
MW 4	BK32369	12/02/15	Pesticides	Water	
MW 5	BK32370	12/02/15	Pesticides	Water	
MW 7	BK32371	12/02/15	Pesticides	Water	
MW 8	BK32372	12/02/15	Pesticides	Water	
MW 9	BK32373	12/02/15	Pesticides	Water	
MW 10	BK32374	12/02/15	Pesticides	Water	
MW 11D	BK32375	12/02/15	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 11/17/2015 (ECD13) exhibited acceptable %RSD (20%, [25% for alpha-BHC and delta-BHC, 30% for Toxaphene]) on both columns. No qualifications were required.

All sample results were reported from Column B. No qualifications were required.

Continuing Calibration Verification (CCV):

1. The CCV analyzed on 12/05/2015 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%) with the following exception(s):

Client Sample ID	Surrogate	%REC	Compound	Action
MW 9	Decachlorobiphenyl (Column B)	28	All compounds except 4,4'-DDD	UJ

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (BK323364) associated with the water samples extracted on 12/04/2015 and analyzed on 12/05/2015 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: BK32364 were analyzed on 12/05/2015. 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:

BK32364 LCS

4,4'-DDD

On Column concentration (B)= 37.5729ng

Sample Volume= 1000ml

DF = 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{37.5729\text{ng} \times 5\text{ml}}{1000} = 0.1879\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
4,4'-DDD	0.188	0.188	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: GBK32367.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32367.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32367
Client: Environmental Business Consultants
Date: 02/08/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for nine (9) 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 12/02/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
MW 1	BK32367	12/02/15	PCBs	Water	
MW 2	BK32368	12/02/15	PCBs	Water	
MW 4	BK32369	12/02/15	PCBs	Water	
MW 5	BK32370	12/02/15	PCBs	Water	
MW 7	BK32371	12/02/15	PCBs	Water	
MW 8	BK32372	12/02/15	PCBs	Water	
MW 9	BK32373	12/02/15	PCBs	Water	
MW 10	BK32374	12/02/15	PCBs	Water	
MW 11D	BK32375	12/02/15	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 12/03/2014 (ECD1) 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 (BK32364 BL) associated with the water samples extracted on 12/04/2015 and analyzed on 12/05/2015 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: BK32364 were analyzed on 12/05/2015. 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:

BK32364 LCS

Aroclor-1260

On Column concentration (B)= 433.745ng

Sample Volume= 1000ml

DF= 1

Vi= 5ml

$$\text{Concentration } (\mu\text{g/L}) = \frac{433.745\text{ng} \times 5\text{ml} \times 1}{1000} = 2.169\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
Aroclor-1260	2.17	2.17	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: GBK32367.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32367.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32367
Client: Environmental Business Consultants
Date: 02/04/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for nine (9) 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 12/04/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
MW 1*	BK32367	12/02/15	ICP, GFAA and CVAA	Water	
MW 2*	BK32368	12/02/15	ICP, GFAA and CVAA	Water	
MW 4*	BK32369	12/02/15	ICP, GFAA and CVAA	Water	
MW 5*	BK32370	12/02/15	ICP, GFAA and CVAA	Water	
MW 7*	BK32371	12/02/15	ICP, GFAA and CVAA	Water	
MW 8*	BK32372	12/02/15	ICP, GFAA and CVAA	Water	
MW 9*	BK32373	12/02/15	ICP, GFAA and CVAA	Water	
MW 10*	BK32374	12/02/15	ICP, GFAA and CVAA	Water	
MW 11D*	BK32375	12/02/15	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
Potassium	12/08/15: 21:11	112.0	None	None
Potassium	12/08/15: 21:46	118.2	None	None
Potassium	12/08/15: 22:20	125.9	MW8, MW9, MW10, MW11D	J+
Thallium	12/9/15: 10:43	112.1	MW4, MW5, MW7	None

2. All %RECs in the ICV and CCVs were within QC limits (90-110%) for dissolved samples with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Potassium	12/07/15: 23:38	88.0	MW1, MW2, MW4, MW5, MW7, MW8, MW9, MW10, MW11D	J-

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
Iron	12/08/15: 16:44; 19:58	136.0	A	MW10, MW9, MW8, MW2	J+
Nickel	12/08/15: 16:44; 19:58	162.4	188.6	None	None
Sodium	12/08/15: 22:42	350.0	-	None	None
Selenium	12/10/15: 15:59	63.6	-	None	None
Antimony	12/09/15: 10:14	47.9	-	MW1, MW2, MW4, MW5, MW7, MW8, MW9, MW10, MW11D	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
Copper	12/07/2015: 21:00; 22:28	64.6	66.4	None	None
Copper	12/8/2015: 0:12	53.8	-	None	None
Zinc	12/07/2015: 21:00; 22:28	228.4	141.2	None	None
Nickel	12/8/2015: 0:12	381.0	-	MW1, MW5, MW7, MW8, MW9, MW10 MW11D MW2, MW4	J+ J+ None
Iron	12/08/2015: 16:44; 19:58	136.0	A	None	None
Antimony	12/09/2015: 10:14	47.9	-	MW1, MW2, MW4, MW5, MW7, MW8, MW9, MW10, MW11D	UJ

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 (dissolved)	12/08/15: 0:15; 0:26	121.2	None	None

Blanks (Method Blank, ICB and CCB):**ICP-AES and GFAA:****Total:**

1. Method Blank-Water (total) (BK32984BLK) (furnace) digested on 12/04/2015 was free of contamination. No qualifications were required.
2. Method Blank-Water (total) (BK32364BLK) (furnace) digested on 12/07/2015 was free of contamination. No qualifications were required.
3. Method Blank-Water (total) (BK32364 BLK) (ICP) digested on 12/04/2015 was free of contamination with the following exception(s):

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Nickel	2	4	MW1, MW5, MW7, MW8, MW9, MW10, MW11D MW2, MW4	U None

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.

4. Method Blank-Water (total) (BK31989 BLK) (ICP) digested on 12/04/2015 was free of contamination with the following exception(s):

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Nickel	3	4	MW2, MW4 MW1, MW5, MW7, MW8	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.

5. Method Blank-Water (total) (BK32364 BLK) (ICP) digested on 12/07/2015 was free of contamination. No qualifications were required.
6. ICBs and CCBs (total) analyzed on 12/07/2015.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Nickel	2	4	MW1, MW2, MW4, MW5, MW7, MW8, MW9, MW10, MW11D	None
Nickel	4	4	None	None
Nickel	3	4	None	None
Nickel	5	4	None	None
Nickel	2	4	None	None
Nickel	3	4	MW1, MW2, MW4, MW5, MW7	None
Nickel	2	4	None	None
Arsenic	1	4	None	None
Arsenic	1	4	None	None
Copper	2	5	None	None
Magnesium	4	10	None	None
Magnesium	1	10	None	None
Magnesium	3	10	None	None
Magnesium	1	10	None	None
Sodium	762	100	None	None
Sodium	1320	100	None	None
Sodium	1590	100	None	None
Sodium	530	100	None	None

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.

Dissolved:

1. Method Blank-Water (dissolved) (BK32364 BLK) (furnace) digested on 12/04/2015 was free of contamination. No qualifications were required.
2. Method Blank-Water (dissolved) (BK32364 BLK) (ICP) digested on 12/04/2015 was free of contamination. No qualifications were required.

- ICBs and CCBs (dissolved) analyzed on 12/07-08/2015.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Zinc	2.4	10	None	None
Zinc	6.7	10	None	None
Zinc	6.8	10	None	None
Potassium	21	100	None	None
Magnesium	15	10	MW4	None
Sodium	97	100	None	None
Calcium	16	10	MW10, MW11D	None
Iron	19	10	MW10	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:

- All ICB and CCBs were free of contamination. No qualifications were required.
- Method Blank-Water (dissolved) (BK32364 BLK) digested on 12/07/2015 was free of contamination. No qualifications were required.

Total:

- All ICB and CCBs were free of contamination. No qualifications were required.
- Method Blank-Water (total) (BK32364 BLK) digested on 12/07/2015 was free of contamination. No qualifications were required.
- Method Blank-Water (total) (BK31814 BLK) digested on 12/08/2015 was free of contamination. No qualifications were required.

Field Blank (FB) and Equipment Blank (EB):

- Field Blanks were not submitted with this SDG.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

ICP-AES, GFAA and CVAA:

1. Laboratory Control Sample (dissolved) %RECs were within the laboratory control limits (70% - 130% for Metals, 75%-125% for Hg). No qualifications were required.
2. Laboratory Control Sample (total) %RECs were within the laboratory control limits (70% - 130% for Metals, 75%-125% for Hg). 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 from this SDG for either total or dissolved analyses.

ICP-AES Serial Dilution:

1. ICP serial dilution was not performed on sample from this SDG for either total or dissolved analyses.

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: MW 1 (BK32367)

Barium (total)

DF: 1

0.042mg/L was reported on the raw data and the laboratory reported 0.0418mg/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: GBK32367.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32367.



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK32367**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW1	BK32367	7010	12/8/2015	1	Selenium, (Dissolved)		mg/L	U	0.004
MW1	BK32367	7010	12/8/2015	1	Thallium , (Dissolved)		mg/L	U	0.0005
MW1	BK32367	7010	12/8/2015	1	Selenium	0.018	mg/L		0.002
MW1	BK32367	7010	12/9/2015	1	Antimony		mg/L	UJ	0.002
MW1	BK32367	7010	12/9/2015	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW1	BK32367	7010	12/8/2015	1	Thallium - LDL		mg/L	U	0.0005
MW1	BK32367	SW6010	12/8/2015	100	Potassium	209	mg/L		10
MW1	BK32367	SW6010	12/7/2015	10	Magnesium (Dissolved)	688	mg/L		0.11
MW1	BK32367	SW6010	12/7/2015	10	Potassium (Dissolved)	233	mg/L	J-	1.1
MW1	BK32367	SW6010	12/7/2015	10	Calcium (Dissolved)	251	mg/L		0.11
MW1	BK32367	SW6010	12/7/2015	1	Aluminum (Dissolved)	0.005	mg/L	J	0.011
MW1	BK32367	SW6010	12/7/2015	1	Lead (Dissolved)		mg/L	U	0.002
MW1	BK32367	SW6010	12/7/2015	1	Manganese, (Dissolved)	0.777	mg/L		0.005
MW1	BK32367	SW6010	12/7/2015	1	Silver (Dissolved)		mg/L	U	0.005
MW1	BK32367	SW6010	12/7/2015	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW1	BK32367	SW6010	12/7/2015	1	Barium (Dissolved)	0.037	mg/L		0.011
MW1	BK32367	SW6010	12/7/2015	1	Beryllium (Dissolved)		mg/L	U	0.001
MW1	BK32367	SW6010	12/7/2015	1	Cadmium (Dissolved)		mg/L	U	0.004
MW1	BK32367	SW6010	12/7/2015	1	Chromium (Dissolved)		mg/L	U	0.001
MW1	BK32367	SW6010	12/7/2015	1	Cobalt, (Dissolved)	0.004	mg/L	J	0.005
MW1	BK32367	SW6010	12/7/2015	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW1	BK32367	SW6010	12/8/2015	100	Sodium (Dissolved)	5290	mg/L		11
MW1	BK32367	SW6010	12/8/2015	100	Magnesium	662	mg/L		1.0
MW1	BK32367	SW6010	12/8/2015	100	Sodium	5390	mg/L		10
MW1	BK32367	SW6010	12/8/2015	100	Calcium	258	mg/L		1.0
MW1	BK32367	SW6010	12/8/2015	2	Iron, (Dissolved)	0.02	mg/L		0.02
MW1	BK32367	SW6010	12/8/2015	2	Copper, (Dissolved)		mg/L	U	0.011
MW1	BK32367	SW6010	12/8/2015	2	Zinc, (Dissolved)	0.008	mg/L	J	0.021
MW1	BK32367	SW6010	12/8/2015	2	Aluminum	0.545	mg/L		0.020
MW1	BK32367	SW6010	12/8/2015	2	Iron	9.07	mg/L		0.02
MW1	BK32367	SW6010	12/8/2015	2	Lead	0.014	mg/L		0.004
MW1	BK32367	SW6010	12/8/2015	2	Manganese	0.758	mg/L		0.010
MW1	BK32367	SW6010	12/8/2015	2	Nickel	0.006	mg/L	U	0.008
MW1	BK32367	SW6010	12/8/2015	2	Silver		mg/L	U	0.010
MW1	BK32367	SW6010	12/8/2015	2	Arsenic - LDL		mg/L	U	0.008
MW1	BK32367	SW6010	12/8/2015	2	Barium	0.042	mg/L		0.020
MW1	BK32367	SW6010	12/8/2015	2	Beryllium		mg/L	U	0.002
MW1	BK32367	SW6010	12/8/2015	2	Cadmium		mg/L	U	0.005
MW1	BK32367	SW6010	12/8/2015	2	Chromium		mg/L	U	0.002
MW1	BK32367	SW6010	12/8/2015	2	Cobalt	0.003	mg/L	J	0.010



2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK32367

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW1	BK32367	SW6010	12/8/2015	2	Copper	0.008	mg/L	J	0.010
MW1	BK32367	SW6010	12/8/2015	2	Vanadium		mg/L	U	0.020
MW1	BK32367	SW6010	12/8/2015	2	Zinc	0.013	mg/L	J	0.020
MW1	BK32367	SW6010	12/7/2015	1	Nickel, (Dissolved)	0.006	mg/L	J+	0.004
MW1	BK32367	SW7470	12/7/2015	1	Mercury		mg/L	U	0.0002
MW1	BK32367	SW7470	12/7/2015	1	Mercury (Dissolved)		mg/L	U	0.0002
MW1	BK32367	SW8081	12/5/2015	1	Heptachlor epoxide		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	Endosulfan Sulfate		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	Alachlor		ug/L	U	0.075
MW1	BK32367	SW8081	12/5/2015	1	Aldrin		ug/L	U	0.002
MW1	BK32367	SW8081	12/5/2015	1	a-BHC		ug/L	U	0.005
MW1	BK32367	SW8081	12/5/2015	1	b-BHC		ug/L	U	0.005
MW1	BK32367	SW8081	12/5/2015	1	d-BHC		ug/L	U	0.005
MW1	BK32367	SW8081	12/5/2015	1	Endosulfan II		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	4,4' -DDT		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	a-chlordane		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	g-chlordane		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	Endrin ketone		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	Chlordane		ug/L	U	0.050
MW1	BK32367	SW8081	12/5/2015	1	g-BHC (Lindane)		ug/L	U	0.005
MW1	BK32367	SW8081	12/5/2015	1	Dieldrin		ug/L	U	0.002
MW1	BK32367	SW8081	12/5/2015	1	Endrin		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	Methoxychlor		ug/L	U	0.10
MW1	BK32367	SW8081	12/5/2015	1	4,4' -DDD		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	4,4' -DDE		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	Endrin Aldehyde		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	Heptachlor		ug/L	U	0.010
MW1	BK32367	SW8081	12/5/2015	1	Toxaphene		ug/L	U	0.20
MW1	BK32367	SW8081	12/5/2015	1	Endosulfan I		ug/L	U	0.010
MW1	BK32367	SW8082	12/5/2015	1	PCB-1260		ug/L	U	0.050
MW1	BK32367	SW8082	12/5/2015	1	PCB-1254		ug/L	U	0.050
MW1	BK32367	SW8082	12/5/2015	1	PCB-1268		ug/L	U	0.050
MW1	BK32367	SW8082	12/5/2015	1	PCB-1221		ug/L	U	0.050
MW1	BK32367	SW8082	12/5/2015	1	PCB-1232		ug/L	U	0.050
MW1	BK32367	SW8082	12/5/2015	1	PCB-1248		ug/L	U	0.050
MW1	BK32367	SW8082	12/5/2015	1	PCB-1016		ug/L	U	0.050
MW1	BK32367	SW8082	12/5/2015	1	PCB-1262		ug/L	U	0.050
MW1	BK32367	SW8082	12/5/2015	1	PCB-1242		ug/L	U	0.050
MW1	BK32367	SW8260	12/5/2015	1	Acetone		ug/L	UJ	5.0
MW1	BK32367	SW8260	12/5/2015	1	Ethylbenzene		ug/L	U	1.0



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BRONX, NY
DATA SUMMARY TABLE
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SDG: GBK32367

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW1	BK32367	SW8260	12/5/2015	1	Styrene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW1	BK32367	SW8260	12/5/2015	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW1	BK32367	SW8260	12/5/2015	1	n-Propylbenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	n-Butylbenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	4-Chlorotoluene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,2-Dibromoethane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Acrolein		ug/L	UJ	5.0
MW1	BK32367	SW8260	12/5/2015	1	1,2-Dichloroethane		ug/L	U	0.60
MW1	BK32367	SW8260	12/5/2015	1	Acrylonitrile		ug/L	U	5.0
MW1	BK32367	SW8260	12/5/2015	1	4-Methyl-2-pentanone		ug/L	U	2.5
MW1	BK32367	SW8260	12/5/2015	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Bromobenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Toluene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Chlorobenzene		ug/L	U	5.0
MW1	BK32367	SW8260	12/5/2015	1	Tetrahydrofuran (THF)		ug/L	U	5.0
MW1	BK32367	SW8260	12/5/2015	1	trans-1,4-dichloro-2-butene		ug/L	UJ	2.5
MW1	BK32367	SW8260	12/5/2015	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Dibromochloromethane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Tetrachloroethene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	sec-Butylbenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,3-Dichloropropane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	cis-1,2-Dichloroethene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW1	BK32367	SW8260	12/5/2015	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	m&p-Xylene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	2-Isopropyltoluene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Carbon tetrachloride		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,1-Dichloropropene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	2-Hexanone		ug/L	U	2.5
MW1	BK32367	SW8260	12/5/2015	1	2,2-Dichloropropane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Chloroform		ug/L	U	5.0
MW1	BK32367	SW8260	12/5/2015	1	Benzene		ug/L	U	0.70
MW1	BK32367	SW8260	12/5/2015	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW1	BK32367	SW8260	12/5/2015	1	Bromomethane		ug/L	UJ	5.0
MW1	BK32367	SW8260	12/5/2015	1	Chloromethane		ug/L	U	5.0
MW1	BK32367	SW8260	12/5/2015	1	Dibromomethane		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW1	BK32367	SW8260	12/5/2015	1	Bromochloromethane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Chloroethane		ug/L	U	5.0
MW1	BK32367	SW8260	12/5/2015	1	Vinyl chloride		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Methylene chloride		ug/L	U	3.0
MW1	BK32367	SW8260	12/5/2015	1	Carbon Disulfide		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Bromoform		ug/L	U	5.0
MW1	BK32367	SW8260	12/5/2015	1	Bromodichloromethane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,1-Dichloroethane		ug/L	U	5.0
MW1	BK32367	SW8260	12/5/2015	1	1,1-Dichloroethene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Trichlorofluoromethane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Dichlorodifluoromethane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,2-Dichloropropane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Methyl ethyl ketone		ug/L	U	2.5
MW1	BK32367	SW8260	12/5/2015	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Trichloroethene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Hexachlorobutadiene		ug/L	U	0.50
MW1	BK32367	SW8260	12/5/2015	1	Naphthalene		ug/L	UJ	1.0
MW1	BK32367	SW8260	12/5/2015	1	o-Xylene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	2-Chlorotoluene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	1.0
MW1	BK32367	SW8260	12/5/2015	1	1,2,3-Trichloropropane		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	tert-Butylbenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	Isopropylbenzene		ug/L	U	1.0
MW1	BK32367	SW8260	12/5/2015	1	p-Isopropyltoluene		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	4-Nitroaniline		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	4-Nitrophenol		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	1,2,4-Trichlorobenzene		ug/L	UJ	5.0
MW1	BK32367	SW8270	12/9/2015	1	4-Chloroaniline		ug/L	U	3.5
MW1	BK32367	SW8270	12/9/2015	1	Phenol		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	Di-n-octylphthalate		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	Anthracene		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	Pyrene		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
MW1	BK32367	SW8270	12/9/2015	1	Dimethylphthalate		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	Dibenzofuran		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	Fluoranthene		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	4-Chloro-3-methylphenol		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	1,3-Dichlorobenzene		ug/L	UJ	1.0
MW1	BK32367	SW8270	12/9/2015	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	Isophorone		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	Acenaphthene		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	Diethyl phthalate		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	Di-n-butylphthalate		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	Benzyl butyl phthalate		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	Fluorene		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	2,4,6-Trichlorophenol		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	2-Nitroaniline		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	2-Chloronaphthalene		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	1,4-Dichlorobenzene		ug/L	UJ	1.0
MW1	BK32367	SW8270	12/9/2015	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	2-Chlorophenol		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	2,4,5-Trichlorophenol		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	Acetophenone		ug/L	U	5.0
MW1	BK32367	SW8270	12/9/2015	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	2,4-Dichlorophenol		ug/L	UJ	1.0
MW1	BK32367	SW8270	12/9/2015	1	2,4-Dimethylphenol		ug/L	UJ	1.0
MW1	BK32367	SW8270	12/9/2015	1	2,4-Dinitrophenol		ug/L	U	1.0
MW1	BK32367	SW8270	12/9/2015	1	2-Methylnaphthalene		ug/L	UJ	5.0
MW1	BK32367	SW8270	12/9/2015	1	2-Nitrophenol		ug/L	UJ	1.0
MW1	BK32367	SW8270	12/9/2015	1	3,3'-Dichlorobenzidine		ug/L	R	5.0
MW1	BK32367	SW8270	12/9/2015	1	3-Nitroaniline		ug/L	UJ	5.0
MW1	BK32367	SW8270	12/9/2015	1	Aniline		ug/L	UJ	3.5
MW1	BK32367	SW8270	12/9/2015	1	Benzidine		ug/L	UJ	4.5
MW1	BK32367	SW8270	12/9/2015	1	Benzoic acid		ug/L	UJ	25
MW1	BK32367	SW8270	12/9/2015	1	Bis(2-chloroethoxy)methane		ug/L	UJ	5.0
MW1	BK32367	SW8270	12/9/2015	1	Bis(2-chloroethyl)ether		ug/L	UJ	1.0
MW1	BK32367	SW8270	12/9/2015	1	Carbazole		ug/L	UJ	25



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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
MW1	BK32367	SW8270	12/9/2015	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW1	BK32367	SW8270	12/9/2015	1	Naphthalene		ug/L	UJ	5.0
MW1	BK32367	SW8270	12/9/2015	1	N-Nitrosodimethylamine		ug/L	UJ	1.0
MW1	BK32367	SW8270	12/9/2015	1	Pyridine		ug/L	UJ	10
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Hexachlorobenzene		ug/L	U	0.02
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Benzo(ghi)perylene		ug/L	U	0.02
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Benzo(b)fluoranthene		ug/L	U	0.02
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Benzo(k)fluoranthene		ug/L	U	0.02
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Acenaphthylene		ug/L	U	0.10
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Chrysene		ug/L	U	0.02
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Benzo(a)pyrene		ug/L	U	0.02
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Dibenz(a,h)anthracene		ug/L	U	0.02
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Benz(a)anthracene		ug/L	U	0.02
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Hexachloroethane		ug/L	UJ	0.50
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Pentachloronitrobenzene		ug/L	U	0.10
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Phenanthrene		ug/L	U	0.10
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Hexachlorobutadiene		ug/L	UJ	0.40
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Pentachlorophenol		ug/L	U	0.80
MW1	BK32367	SW8270C-SIM	12/9/2015	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
MW1	BK32367	SW8270C-SIM	12/9/2015	1	Nitrobenzene		ug/L	UJ	0.10
MW2	BK32368	7010	12/9/2015	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW2	BK32368	7010	12/8/2015	1	Selenium, (Dissolved)		mg/L	U	0.004
MW2	BK32368	7010	12/8/2015	1	Thallium , (Dissolved)		mg/L	U	0.0005
MW2	BK32368	7010	12/8/2015	1	Selenium		mg/L	U	0.002
MW2	BK32368	7010	12/9/2015	1	Antimony		mg/L	UJ	0.002
MW2	BK32368	7010	12/8/2015	1	Thallium - LDL		mg/L	U	0.0005
MW2	BK32368	SW6010	12/8/2015	100	Potassium	109	mg/L		10
MW2	BK32368	SW6010	12/7/2015	10	Magnesium (Dissolved)	411	mg/L		0.11
MW2	BK32368	SW6010	12/7/2015	10	Potassium (Dissolved)	144	mg/L	J-	1.1
MW2	BK32368	SW6010	12/7/2015	10	Calcium (Dissolved)	177	mg/L		0.11
MW2	BK32368	SW6010	12/7/2015	1	Aluminum (Dissolved)		mg/L	U	0.011
MW2	BK32368	SW6010	12/7/2015	1	Iron, (Dissolved)	0.36	mg/L		0.01
MW2	BK32368	SW6010	12/7/2015	1	Lead (Dissolved)		mg/L	U	0.002
MW2	BK32368	SW6010	12/7/2015	1	Manganese, (Dissolved)	0.672	mg/L		0.005
MW2	BK32368	SW6010	12/7/2015	1	Silver (Dissolved)		mg/L	U	0.005
MW2	BK32368	SW6010	12/7/2015	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW2	BK32368	SW6010	12/7/2015	1	Barium (Dissolved)	0.047	mg/L		0.011
MW2	BK32368	SW6010	12/7/2015	1	Beryllium (Dissolved)		mg/L	U	0.001



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BRONX, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW2	BK32368	SW6010	12/7/2015	1	Cadmium (Dissolved)		mg/L	U	0.004
MW2	BK32368	SW6010	12/7/2015	1	Chromium (Dissolved)		mg/L	U	0.001
MW2	BK32368	SW6010	12/7/2015	1	Cobalt, (Dissolved)		mg/L	U	0.005
MW2	BK32368	SW6010	12/7/2015	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW2	BK32368	SW6010	12/8/2015	100	Sodium (Dissolved)	3190	mg/L		11
MW2	BK32368	SW6010	12/8/2015	100	Iron	34.3	mg/L	J+	1.0
MW2	BK32368	SW6010	12/8/2015	100	Magnesium	399	mg/L		1.0
MW2	BK32368	SW6010	12/8/2015	100	Sodium	2850	mg/L		10
MW2	BK32368	SW6010	12/8/2015	100	Calcium	165	mg/L		1.0
MW2	BK32368	SW6010	12/8/2015	2	Copper, (Dissolved)		mg/L	U	0.011
MW2	BK32368	SW6010	12/8/2015	2	Zinc, (Dissolved)	0.005	mg/L	J	0.021
MW2	BK32368	SW6010	12/8/2015	2	Aluminum	0.410	mg/L		0.020
MW2	BK32368	SW6010	12/8/2015	2	Lead		mg/L	U	0.004
MW2	BK32368	SW6010	12/8/2015	2	Manganese	0.602	mg/L		0.010
MW2	BK32368	SW6010	12/8/2015	2	Nickel		mg/L	U	0.008
MW2	BK32368	SW6010	12/8/2015	2	Silver		mg/L	U	0.010
MW2	BK32368	SW6010	12/8/2015	2	Arsenic - LDL		mg/L	U	0.008
MW2	BK32368	SW6010	12/8/2015	2	Barium	0.053	mg/L		0.020
MW2	BK32368	SW6010	12/8/2015	2	Beryllium		mg/L	U	0.002
MW2	BK32368	SW6010	12/8/2015	2	Cadmium		mg/L	U	0.005
MW2	BK32368	SW6010	12/8/2015	2	Chromium		mg/L	U	0.002
MW2	BK32368	SW6010	12/8/2015	2	Cobalt		mg/L	U	0.010
MW2	BK32368	SW6010	12/8/2015	2	Copper		mg/L	U	0.010
MW2	BK32368	SW6010	12/8/2015	2	Vanadium		mg/L	U	0.020
MW2	BK32368	SW6010	12/8/2015	2	Zinc	0.005	mg/L	J	0.020
MW2	BK32368	SW6010	12/7/2015	1	Nickel, (Dissolved)		mg/L	U	0.004
MW2	BK32368	SW7470	12/7/2015	1	Mercury		mg/L	U	0.0002
MW2	BK32368	SW7470	12/7/2015	1	Mercury (Dissolved)		mg/L	U	0.0002
MW2	BK32368	SW8081	12/5/2015	1	Heptachlor epoxide		ug/L	U	0.010
MW2	BK32368	SW8081	12/5/2015	1	Endosulfan Sulfate		ug/L	U	0.010
MW2	BK32368	SW8081	12/5/2015	1	Alachlor		ug/L	U	0.075
MW2	BK32368	SW8081	12/5/2015	1	Aldrin		ug/L	U	0.002
MW2	BK32368	SW8081	12/5/2015	1	a-BHC		ug/L	U	0.005
MW2	BK32368	SW8081	12/5/2015	1	b-BHC		ug/L	U	0.005
MW2	BK32368	SW8081	12/5/2015	1	d-BHC		ug/L	U	0.005
MW2	BK32368	SW8081	12/5/2015	1	Endosulfan II		ug/L	U	0.010
MW2	BK32368	SW8081	12/5/2015	1	4,4' -DDT		ug/L	U	0.010
MW2	BK32368	SW8081	12/5/2015	1	a-chlordane		ug/L	U	0.010
MW2	BK32368	SW8081	12/5/2015	1	g-chlordane		ug/L	U	0.010
MW2	BK32368	SW8081	12/5/2015	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
MW2	BK32368	SW8081	12/5/2015	1	Chlordane		ug/L	U	0.050
MW2	BK32368	SW8081	12/5/2015	1	g-BHC (Lindane)		ug/L	U	0.005
MW2	BK32368	SW8081	12/5/2015	1	Dieldrin		ug/L	U	0.002
MW2	BK32368	SW8081	12/5/2015	1	Endrin		ug/L	U	0.010
MW2	BK32368	SW8081	12/5/2015	1	Methoxychlor		ug/L	U	0.10
MW2	BK32368	SW8081	12/5/2015	1	4,4' -DDD		ug/L	U	0.010
MW2	BK32368	SW8081	12/5/2015	1	4,4' -DDE		ug/L	U	0.010
MW2	BK32368	SW8081	12/5/2015	1	Endrin Aldehyde		ug/L	U	0.010
MW2	BK32368	SW8081	12/5/2015	1	Heptachlor		ug/L	U	0.010
MW2	BK32368	SW8081	12/5/2015	1	Toxaphene		ug/L	U	0.25
MW2	BK32368	SW8081	12/5/2015	1	Endosulfan I		ug/L	U	0.010
MW2	BK32368	SW8082	12/5/2015	1	PCB-1260		ug/L	U	0.050
MW2	BK32368	SW8082	12/5/2015	1	PCB-1254		ug/L	U	0.050
MW2	BK32368	SW8082	12/5/2015	1	PCB-1268		ug/L	U	0.050
MW2	BK32368	SW8082	12/5/2015	1	PCB-1221		ug/L	U	0.050
MW2	BK32368	SW8082	12/5/2015	1	PCB-1232		ug/L	U	0.050
MW2	BK32368	SW8082	12/5/2015	1	PCB-1248		ug/L	U	0.050
MW2	BK32368	SW8082	12/5/2015	1	PCB-1016		ug/L	U	0.050
MW2	BK32368	SW8082	12/5/2015	1	PCB-1262		ug/L	U	0.050
MW2	BK32368	SW8082	12/5/2015	1	PCB-1242		ug/L	U	0.050
MW2	BK32368	SW8260	12/5/2015	1	Acetone		ug/L	UJ	5.0
MW2	BK32368	SW8260	12/5/2015	1	Ethylbenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Styrene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW2	BK32368	SW8260	12/5/2015	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW2	BK32368	SW8260	12/5/2015	1	n-Propylbenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	n-Butylbenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	4-Chlorotoluene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,2-Dibromoethane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Acrolein		ug/L	UJ	5.0
MW2	BK32368	SW8260	12/5/2015	1	1,2-Dichloroethane		ug/L	U	0.60
MW2	BK32368	SW8260	12/5/2015	1	Acrylonitrile		ug/L	U	5.0
MW2	BK32368	SW8260	12/5/2015	1	4-Methyl-2-pentanone		ug/L	U	2.5
MW2	BK32368	SW8260	12/5/2015	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Bromobenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Toluene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Chlorobenzene		ug/L	U	5.0
MW2	BK32368	SW8260	12/5/2015	1	Tetrahydrofuran (THF)		ug/L	U	5.0
MW2	BK32368	SW8260	12/5/2015	1	trans-1,4-dichloro-2-butene		ug/L	UJ	2.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW2	BK32368	SW8260	12/5/2015	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Dibromochloromethane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Tetrachloroethene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	sec-Butylbenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,3-Dichloropropane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	cis-1,2-Dichloroethene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW2	BK32368	SW8260	12/5/2015	1	Methyl t-butyl ether (MTBE)	1.3	ug/L		1.0
MW2	BK32368	SW8260	12/5/2015	1	m&p-Xylene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	2-Isopropyltoluene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Carbon tetrachloride		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,1-Dichloropropene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	2-Hexanone		ug/L	U	2.5
MW2	BK32368	SW8260	12/5/2015	1	2,2-Dichloropropane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Chloroform		ug/L	U	5.0
MW2	BK32368	SW8260	12/5/2015	1	Benzene		ug/L	U	0.70
MW2	BK32368	SW8260	12/5/2015	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW2	BK32368	SW8260	12/5/2015	1	Bromomethane		ug/L	UJ	5.0
MW2	BK32368	SW8260	12/5/2015	1	Chloromethane	1.1	ug/L	J	5.0
MW2	BK32368	SW8260	12/5/2015	1	Dibromomethane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Bromochloromethane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Chloroethane		ug/L	U	5.0
MW2	BK32368	SW8260	12/5/2015	1	Vinyl chloride		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Methylene chloride		ug/L	U	3.0
MW2	BK32368	SW8260	12/5/2015	1	Carbon Disulfide		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Bromoform		ug/L	U	5.0
MW2	BK32368	SW8260	12/5/2015	1	Bromodichloromethane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,1-Dichloroethane		ug/L	U	5.0
MW2	BK32368	SW8260	12/5/2015	1	1,1-Dichloroethene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Trichlorofluoromethane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Dichlorodifluoromethane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,2-Dichloropropane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Methyl ethyl ketone		ug/L	U	2.5
MW2	BK32368	SW8260	12/5/2015	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Trichloroethene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,2,3-Trichlorobenzene		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW2	BK32368	SW8260	12/5/2015	1	Hexachlorobutadiene		ug/L	U	0.50
MW2	BK32368	SW8260	12/5/2015	1	Naphthalene		ug/L	UJ	1.0
MW2	BK32368	SW8260	12/5/2015	1	o-Xylene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	2-Chlorotoluene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	1.0
MW2	BK32368	SW8260	12/5/2015	1	1,2,3-Trichloropropane		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	tert-Butylbenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	Isopropylbenzene		ug/L	U	1.0
MW2	BK32368	SW8260	12/5/2015	1	p-Isopropyltoluene		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	1,2,4-Trichlorobenzene		ug/L	UJ	5.0
MW2	BK32368	SW8270	12/9/2015	1	1,3-Dichlorobenzene		ug/L	UJ	1.0
MW2	BK32368	SW8270	12/9/2015	1	1,4-Dichlorobenzene		ug/L	UJ	1.0
MW2	BK32368	SW8270	12/9/2015	1	2,4-Dichlorophenol		ug/L	UJ	1.0
MW2	BK32368	SW8270	12/9/2015	1	2,4-Dimethylphenol		ug/L	UJ	1.0
MW2	BK32368	SW8270	12/9/2015	1	2,4-Dinitrophenol		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	2-Methylnaphthalene		ug/L	UJ	5.0
MW2	BK32368	SW8270	12/9/2015	1	4-Nitroaniline		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	4-Nitrophenol		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	4-Chloroaniline		ug/L	U	3.5
MW2	BK32368	SW8270	12/9/2015	1	Phenol		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	Di-n-octylphthalate		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	Anthracene		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	2-Nitrophenol		ug/L	UJ	1.0
MW2	BK32368	SW8270	12/9/2015	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	Pyrene		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	Dimethylphthalate		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	Dibenzofuran		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	Fluoranthene		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	4-Chloro-3-methylphenol		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	Isophorone		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	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
MW2	BK32368	SW8270	12/9/2015	1	Diethyl phthalate		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	Di-n-butylphthalate		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	Benzyl butyl phthalate		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	Fluorene		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	2,4,6-Trichlorophenol		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	2-Nitroaniline		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	3,3'-Dichlorobenzidine		ug/L	R	5.0
MW2	BK32368	SW8270	12/9/2015	1	2-Chloronaphthalene		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	2-Chlorophenol		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	2,4,5-Trichlorophenol		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	Acetophenone		ug/L	U	5.0
MW2	BK32368	SW8270	12/9/2015	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
MW2	BK32368	SW8270	12/9/2015	1	3-Nitroaniline		ug/L	UJ	5.0
MW2	BK32368	SW8270	12/9/2015	1	Aniline		ug/L	UJ	3.5
MW2	BK32368	SW8270	12/9/2015	1	Benzidine		ug/L	UJ	4.5
MW2	BK32368	SW8270	12/9/2015	1	Benzoic acid		ug/L	UJ	25
MW2	BK32368	SW8270	12/9/2015	1	Bis(2-chloroethoxy)methane		ug/L	UJ	5.0
MW2	BK32368	SW8270	12/9/2015	1	Bis(2-chloroethyl)ether		ug/L	UJ	1.0
MW2	BK32368	SW8270	12/9/2015	1	Carbazole		ug/L	UJ	25
MW2	BK32368	SW8270	12/9/2015	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW2	BK32368	SW8270	12/9/2015	1	Naphthalene		ug/L	UJ	5.0
MW2	BK32368	SW8270	12/9/2015	1	N-Nitrosodimethylamine		ug/L	UJ	1.0
MW2	BK32368	SW8270	12/9/2015	1	Pyridine		ug/L	UJ	10
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Hexachlorobenzene		ug/L	U	0.02
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Benzo(ghi)perylene		ug/L	U	0.02
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Benzo(b)fluoranthene		ug/L	U	0.02
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Benzo(k)fluoranthene		ug/L	U	0.02
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Acenaphthylene		ug/L	U	0.10
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Chrysene		ug/L	U	0.02
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Benzo(a)pyrene		ug/L	U	0.02
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Dibenz(a,h)anthracene		ug/L	U	0.02
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Benz(a)anthracene		ug/L	U	0.02
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Hexachloroethane		ug/L	UJ	0.50
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Pentachloronitrobenzene		ug/L	U	0.10
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Phenanthrene		ug/L	U	0.10



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Hexachlorobutadiene		ug/L	UJ	0.40
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Pentachlorophenol		ug/L	U	0.80
MW2	BK32368	SW8270C-SIM	12/9/2015	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
MW2	BK32368	SW8270C-SIM	12/9/2015	1	Nitrobenzene		ug/L	UJ	0.10
MW4	BK32369	7010	12/9/2015	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW4	BK32369	7010	12/8/2015	1	Selenium, (Dissolved)		mg/L	U	0.004
MW4	BK32369	7010	12/8/2015	1	Thallium , (Dissolved)		mg/L	U	0.0005
MW4	BK32369	7010	12/8/2015	1	Selenium		mg/L	U	0.002
MW4	BK32369	7010	12/9/2015	1	Antimony		mg/L	UJ	0.002
MW4	BK32369	7010	12/9/2015	1	Thallium - LDL		mg/L	U	0.0005
MW4	BK32369	SW6010	12/8/2015	100	Potassium	53	mg/L		10
MW4	BK32369	SW6010	12/7/2015	10	Potassium (Dissolved)	51.2	mg/L	J-	1.1
MW4	BK32369	SW6010	12/7/2015	10	Sodium (Dissolved)	122	mg/L		1.1
MW4	BK32369	SW6010	12/7/2015	1	Aluminum (Dissolved)		mg/L	U	0.011
MW4	BK32369	SW6010	12/7/2015	1	Iron, (Dissolved)		mg/L	U	0.01
MW4	BK32369	SW6010	12/7/2015	1	Lead (Dissolved)		mg/L	U	0.002
MW4	BK32369	SW6010	12/7/2015	1	Magnesium (Dissolved)	43.9	mg/L		0.01
MW4	BK32369	SW6010	12/7/2015	1	Manganese, (Dissolved)	0.643	mg/L		0.005
MW4	BK32369	SW6010	12/7/2015	1	Silver (Dissolved)		mg/L	U	0.005
MW4	BK32369	SW6010	12/7/2015	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW4	BK32369	SW6010	12/7/2015	1	Barium (Dissolved)	0.297	mg/L		0.011
MW4	BK32369	SW6010	12/7/2015	1	Beryllium (Dissolved)		mg/L	U	0.001
MW4	BK32369	SW6010	12/7/2015	1	Cadmium (Dissolved)		mg/L	U	0.004
MW4	BK32369	SW6010	12/7/2015	1	Chromium (Dissolved)		mg/L	U	0.001
MW4	BK32369	SW6010	12/7/2015	1	Cobalt, (Dissolved)		mg/L	U	0.005
MW4	BK32369	SW6010	12/7/2015	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW4	BK32369	SW6010	12/7/2015	1	Calcium (Dissolved)	51.9	mg/L		0.01
MW4	BK32369	SW6010	12/8/2015	100	Magnesium	41.3	mg/L		1.0
MW4	BK32369	SW6010	12/8/2015	100	Sodium	132	mg/L		10
MW4	BK32369	SW6010	12/8/2015	100	Calcium	51.2	mg/L		1.0
MW4	BK32369	SW6010	12/8/2015	2	Copper, (Dissolved)		mg/L	U	0.011
MW4	BK32369	SW6010	12/8/2015	2	Zinc, (Dissolved)	0.003	mg/L	J	0.021
MW4	BK32369	SW6010	12/8/2015	2	Aluminum	0.372	mg/L		0.020
MW4	BK32369	SW6010	12/8/2015	2	Iron	8.79	mg/L		0.02
MW4	BK32369	SW6010	12/8/2015	2	Lead		mg/L	U	0.004
MW4	BK32369	SW6010	12/8/2015	2	Manganese	0.665	mg/L		0.010
MW4	BK32369	SW6010	12/8/2015	2	Nickel		mg/L	U	0.008
MW4	BK32369	SW6010	12/8/2015	2	Silver		mg/L	U	0.010
MW4	BK32369	SW6010	12/8/2015	2	Arsenic - LDL		mg/L	U	0.008
MW4	BK32369	SW6010	12/8/2015	2	Barium	0.367	mg/L		0.020



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BK32369	SW6010	12/8/2015	2	Beryllium		mg/L	U	0.002
MW4	BK32369	SW6010	12/8/2015	2	Cadmium		mg/L	U	0.005
MW4	BK32369	SW6010	12/8/2015	2	Chromium		mg/L	U	0.002
MW4	BK32369	SW6010	12/8/2015	2	Cobalt		mg/L	U	0.010
MW4	BK32369	SW6010	12/8/2015	2	Copper		mg/L	U	0.010
MW4	BK32369	SW6010	12/8/2015	2	Vanadium		mg/L	U	0.020
MW4	BK32369	SW6010	12/8/2015	2	Zinc	0.009	mg/L	J	0.020
MW4	BK32369	SW6010	12/7/2015	1	Nickel, (Dissolved)		mg/L	U	0.004
MW4	BK32369	SW7470	12/7/2015	1	Mercury (Dissolved)		mg/L	U	0.0002
MW4	BK32369	SW7470	12/8/2015	1	Mercury		mg/L	U	0.0002
MW4	BK32369	SW8081	12/5/2015	1	Heptachlor epoxide		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	Endosulfan Sulfate		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	Alachlor		ug/L	U	0.075
MW4	BK32369	SW8081	12/5/2015	1	Aldrin		ug/L	U	0.002
MW4	BK32369	SW8081	12/5/2015	1	a-BHC		ug/L	U	0.005
MW4	BK32369	SW8081	12/5/2015	1	b-BHC		ug/L	U	0.005
MW4	BK32369	SW8081	12/5/2015	1	d-BHC		ug/L	U	0.005
MW4	BK32369	SW8081	12/5/2015	1	Endosulfan II		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	4,4' -DDT		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	a-chlordane		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	g-chlordane		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	Endrin ketone		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	Chlordane		ug/L	U	0.050
MW4	BK32369	SW8081	12/5/2015	1	g-BHC (Lindane)		ug/L	U	0.005
MW4	BK32369	SW8081	12/5/2015	1	Dieldrin		ug/L	U	0.002
MW4	BK32369	SW8081	12/5/2015	1	Endrin		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	Methoxychlor		ug/L	U	0.10
MW4	BK32369	SW8081	12/5/2015	1	4,4' -DDD		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	4,4' -DDE		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	Endrin Aldehyde		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	Heptachlor		ug/L	U	0.010
MW4	BK32369	SW8081	12/5/2015	1	Toxaphene		ug/L	U	0.20
MW4	BK32369	SW8081	12/5/2015	1	Endosulfan I		ug/L	U	0.010
MW4	BK32369	SW8082	12/5/2015	1	PCB-1260		ug/L	U	0.050
MW4	BK32369	SW8082	12/5/2015	1	PCB-1254		ug/L	U	0.050
MW4	BK32369	SW8082	12/5/2015	1	PCB-1268		ug/L	U	0.050
MW4	BK32369	SW8082	12/5/2015	1	PCB-1221		ug/L	U	0.050
MW4	BK32369	SW8082	12/5/2015	1	PCB-1232		ug/L	U	0.050
MW4	BK32369	SW8082	12/5/2015	1	PCB-1248		ug/L	U	0.050
MW4	BK32369	SW8082	12/5/2015	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
MW4	BK32369	SW8082	12/5/2015	1	PCB-1262		ug/L	U	0.050
MW4	BK32369	SW8082	12/5/2015	1	PCB-1242		ug/L	U	0.050
MW4	BK32369	SW8260	12/5/2015	1	Acetone		ug/L	UJ	5.0
MW4	BK32369	SW8260	12/5/2015	1	Ethylbenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Styrene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW4	BK32369	SW8260	12/5/2015	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW4	BK32369	SW8260	12/5/2015	1	n-Propylbenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	n-Butylbenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	4-Chlorotoluene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,2-Dibromoethane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Acrolein		ug/L	UJ	5.0
MW4	BK32369	SW8260	12/5/2015	1	1,2-Dichloroethane		ug/L	U	0.60
MW4	BK32369	SW8260	12/5/2015	1	Acrylonitrile		ug/L	U	5.0
MW4	BK32369	SW8260	12/5/2015	1	4-Methyl-2-pentanone		ug/L	U	2.5
MW4	BK32369	SW8260	12/5/2015	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Bromobenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Toluene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Chlorobenzene		ug/L	U	5.0
MW4	BK32369	SW8260	12/5/2015	1	Tetrahydrofuran (THF)		ug/L	U	5.0
MW4	BK32369	SW8260	12/5/2015	1	trans-1,4-dichloro-2-butene		ug/L	UJ	2.5
MW4	BK32369	SW8260	12/5/2015	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Dibromochloromethane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Tetrachloroethene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	sec-Butylbenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,3-Dichloropropane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	cis-1,2-Dichloroethene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW4	BK32369	SW8260	12/5/2015	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	m&p-Xylene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	2-Isopropyltoluene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Carbon tetrachloride		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,1-Dichloropropene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	2-Hexanone		ug/L	U	2.5
MW4	BK32369	SW8260	12/5/2015	1	2,2-Dichloropropane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Chloroform		ug/L	U	5.0
MW4	BK32369	SW8260	12/5/2015	1	Benzene		ug/L	U	0.70



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BK32369	SW8260	12/5/2015	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW4	BK32369	SW8260	12/5/2015	1	Bromomethane		ug/L	UJ	5.0
MW4	BK32369	SW8260	12/5/2015	1	Chloromethane	4.3	ug/L	J	5.0
MW4	BK32369	SW8260	12/5/2015	1	Dibromomethane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Bromochloromethane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Chloroethane		ug/L	U	5.0
MW4	BK32369	SW8260	12/5/2015	1	Vinyl chloride		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Methylene chloride		ug/L	U	3.0
MW4	BK32369	SW8260	12/5/2015	1	Carbon Disulfide		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Bromoform		ug/L	U	5.0
MW4	BK32369	SW8260	12/5/2015	1	Bromodichloromethane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,1-Dichloroethane		ug/L	U	5.0
MW4	BK32369	SW8260	12/5/2015	1	1,1-Dichloroethene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Trichlorofluoromethane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Dichlorodifluoromethane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,2-Dichloropropane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Methyl ethyl ketone		ug/L	U	2.5
MW4	BK32369	SW8260	12/5/2015	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Trichloroethene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Hexachlorobutadiene		ug/L	U	0.50
MW4	BK32369	SW8260	12/5/2015	1	Naphthalene		ug/L	UJ	1.0
MW4	BK32369	SW8260	12/5/2015	1	o-Xylene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	2-Chlorotoluene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	1.0
MW4	BK32369	SW8260	12/5/2015	1	1,2,3-Trichloropropane		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	tert-Butylbenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	Isopropylbenzene		ug/L	U	1.0
MW4	BK32369	SW8260	12/5/2015	1	p-Isopropyltoluene		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	1,2,4-Trichlorobenzene		ug/L	UJ	5.0
MW4	BK32369	SW8270	12/9/2015	1	1,3-Dichlorobenzene		ug/L	UJ	1.0
MW4	BK32369	SW8270	12/9/2015	1	1,4-Dichlorobenzene		ug/L	UJ	1.0
MW4	BK32369	SW8270	12/9/2015	1	2,4-Dichlorophenol		ug/L	UJ	1.0
MW4	BK32369	SW8270	12/9/2015	1	2,4-Dimethylphenol		ug/L	UJ	1.0
MW4	BK32369	SW8270	12/9/2015	1	2,4-Dinitrophenol		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	2-Methylnaphthalene		ug/L	UJ	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BK32369	SW8270	12/9/2015	1	2-Nitrophenol		ug/L	UJ	1.0
MW4	BK32369	SW8270	12/9/2015	1	3,3'-Dichlorobenzidine		ug/L	R	5.0
MW4	BK32369	SW8270	12/9/2015	1	4-Nitroaniline		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	4-Nitrophenol		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	4-Chloroaniline		ug/L	U	3.5
MW4	BK32369	SW8270	12/9/2015	1	Phenol		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	Di-n-octylphthalate		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Anthracene		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	3-Nitroaniline		ug/L	UJ	5.0
MW4	BK32369	SW8270	12/9/2015	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Pyrene		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Dimethylphthalate		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Dibenzofuran		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Fluoranthene		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	4-Chloro-3-methylphenol		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Isophorone		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Acenaphthene		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Diethyl phthalate		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Di-n-butylphthalate		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Benzyl butyl phthalate		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Fluorene		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	2,4,6-Trichlorophenol		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	2-Nitroaniline		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	Aniline		ug/L	UJ	3.5
MW4	BK32369	SW8270	12/9/2015	1	2-Chloronaphthalene		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	2-Chlorophenol		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	2,4,5-Trichlorophenol		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	Acetophenone		ug/L	U	5.0
MW4	BK32369	SW8270	12/9/2015	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
MW4	BK32369	SW8270	12/9/2015	1	Benzidine		ug/L	UJ	4.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BK32369	SW8270	12/9/2015	1	Benzoic acid		ug/L	UJ	25
MW4	BK32369	SW8270	12/9/2015	1	Bis(2-chloroethoxy)methane		ug/L	UJ	5.0
MW4	BK32369	SW8270	12/9/2015	1	Bis(2-chloroethyl)ether		ug/L	UJ	1.0
MW4	BK32369	SW8270	12/9/2015	1	Carbazole		ug/L	UJ	25
MW4	BK32369	SW8270	12/9/2015	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW4	BK32369	SW8270	12/9/2015	1	Naphthalene		ug/L	UJ	5.0
MW4	BK32369	SW8270	12/9/2015	1	N-Nitrosodimethylamine		ug/L	UJ	1.0
MW4	BK32369	SW8270	12/9/2015	1	Pyridine		ug/L	UJ	10
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Hexachlorobenzene		ug/L	U	0.02
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Benzo(ghi)perylene		ug/L	U	0.02
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Benzo(b)fluoranthene		ug/L	U	0.02
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Benzo(k)fluoranthene		ug/L	U	0.02
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Acenaphthylene		ug/L	U	0.10
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Chrysene		ug/L	U	0.02
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Benzo(a)pyrene		ug/L	U	0.02
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Dibenz(a,h)anthracene		ug/L	U	0.02
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Benz(a)anthracene		ug/L	U	0.02
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Hexachloroethane		ug/L	UJ	0.50
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Pentachloronitrobenzene		ug/L	U	0.10
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Phenanthrene		ug/L	U	0.10
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Hexachlorobutadiene		ug/L	UJ	0.40
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Pentachlorophenol		ug/L	U	0.80
MW4	BK32369	SW8270C-SIM	12/9/2015	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
MW4	BK32369	SW8270C-SIM	12/9/2015	1	Nitrobenzene		ug/L	UJ	0.10
MW5	BK32370	7010	12/9/2015	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW5	BK32370	7010	12/8/2015	1	Selenium, (Dissolved)		mg/L	U	0.004
MW5	BK32370	7010	12/8/2015	1	Thallium , (Dissolved)		mg/L	U	0.0005
MW5	BK32370	7010	12/8/2015	1	Selenium		mg/L	U	0.002
MW5	BK32370	7010	12/9/2015	1	Antimony		mg/L	UJ	0.002
MW5	BK32370	7010	12/9/2015	1	Thallium - LDL		mg/L	U	0.0005
MW5	BK32370	SW6010	12/8/2015	100	Potassium	96	mg/L		10
MW5	BK32370	SW6010	12/7/2015	10	Magnesium (Dissolved)	288	mg/L		0.11
MW5	BK32370	SW6010	12/7/2015	10	Potassium (Dissolved)	105	mg/L	J-	1.1
MW5	BK32370	SW6010	12/7/2015	10	Calcium (Dissolved)	239	mg/L		0.11
MW5	BK32370	SW6010	12/7/2015	1	Aluminum (Dissolved)	0.009	mg/L	J	0.011
MW5	BK32370	SW6010	12/7/2015	1	Iron, (Dissolved)		mg/L	U	0.01
MW5	BK32370	SW6010	12/7/2015	1	Lead (Dissolved)		mg/L	U	0.002
MW5	BK32370	SW6010	12/7/2015	1	Manganese, (Dissolved)	0.403	mg/L		0.005



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BK32370	SW6010	12/7/2015	1	Silver (Dissolved)		mg/L	U	0.005
MW5	BK32370	SW6010	12/7/2015	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW5	BK32370	SW6010	12/7/2015	1	Barium (Dissolved)	0.139	mg/L		0.011
MW5	BK32370	SW6010	12/7/2015	1	Beryllium (Dissolved)		mg/L	U	0.001
MW5	BK32370	SW6010	12/7/2015	1	Cadmium (Dissolved)		mg/L	U	0.004
MW5	BK32370	SW6010	12/7/2015	1	Chromium (Dissolved)		mg/L	U	0.001
MW5	BK32370	SW6010	12/7/2015	1	Cobalt, (Dissolved)		mg/L	U	0.005
MW5	BK32370	SW6010	12/7/2015	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW5	BK32370	SW6010	12/8/2015	100	Sodium (Dissolved)	2310	mg/L		11
MW5	BK32370	SW6010	12/8/2015	100	Magnesium	269	mg/L		1.0
MW5	BK32370	SW6010	12/8/2015	100	Sodium	2390	mg/L		10
MW5	BK32370	SW6010	12/8/2015	100	Calcium	246	mg/L		1.0
MW5	BK32370	SW6010	12/8/2015	2	Copper, (Dissolved)		mg/L	U	0.011
MW5	BK32370	SW6010	12/8/2015	2	Zinc, (Dissolved)	0.005	mg/L	J	0.021
MW5	BK32370	SW6010	12/8/2015	2	Aluminum	0.911	mg/L		0.020
MW5	BK32370	SW6010	12/8/2015	2	Iron	2.19	mg/L		0.02
MW5	BK32370	SW6010	12/8/2015	2	Lead		mg/L	U	0.004
MW5	BK32370	SW6010	12/8/2015	2	Manganese	0.404	mg/L		0.010
MW5	BK32370	SW6010	12/8/2015	2	Nickel	0.002	mg/L	U	0.008
MW5	BK32370	SW6010	12/8/2015	2	Silver		mg/L	U	0.010
MW5	BK32370	SW6010	12/8/2015	2	Arsenic - LDL	0.002	mg/L	J	0.008
MW5	BK32370	SW6010	12/8/2015	2	Barium	0.146	mg/L		0.020
MW5	BK32370	SW6010	12/8/2015	2	Beryllium		mg/L	U	0.002
MW5	BK32370	SW6010	12/8/2015	2	Cadmium		mg/L	U	0.005
MW5	BK32370	SW6010	12/8/2015	2	Chromium		mg/L	U	0.002
MW5	BK32370	SW6010	12/8/2015	2	Cobalt		mg/L	U	0.010
MW5	BK32370	SW6010	12/8/2015	2	Copper	0.004	mg/L	J	0.010
MW5	BK32370	SW6010	12/8/2015	2	Vanadium		mg/L	U	0.020
MW5	BK32370	SW6010	12/8/2015	2	Zinc	0.013	mg/L	J	0.020
MW5	BK32370	SW6010	12/7/2015	1	Nickel, (Dissolved)	0.002	mg/L	J+	0.004
MW5	BK32370	SW7470	12/7/2015	1	Mercury (Dissolved)		mg/L	U	0.0002
MW5	BK32370	SW7470	12/8/2015	1	Mercury		mg/L	U	0.0002
MW5	BK32370	SW8081	12/5/2015	1	Heptachlor epoxide		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	Endosulfan Sulfate		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	Alachlor		ug/L	U	0.075
MW5	BK32370	SW8081	12/5/2015	1	Aldrin		ug/L	U	0.002
MW5	BK32370	SW8081	12/5/2015	1	a-BHC		ug/L	U	0.005
MW5	BK32370	SW8081	12/5/2015	1	b-BHC		ug/L	U	0.005
MW5	BK32370	SW8081	12/5/2015	1	d-BHC		ug/L	U	0.005
MW5	BK32370	SW8081	12/5/2015	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
MW5	BK32370	SW8081	12/5/2015	1	4,4' -DDT		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	a-chlordane		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	g-chlordane		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	Endrin ketone		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	Chlordane		ug/L	U	0.050
MW5	BK32370	SW8081	12/5/2015	1	g-BHC (Lindane)		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	Dieldrin		ug/L	U	0.002
MW5	BK32370	SW8081	12/5/2015	1	Endrin		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	Methoxychlor		ug/L	U	0.10
MW5	BK32370	SW8081	12/5/2015	1	4,4' -DDD		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	4,4' -DDE		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	Endrin Aldehyde		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	Heptachlor		ug/L	U	0.010
MW5	BK32370	SW8081	12/5/2015	1	Toxaphene		ug/L	U	0.25
MW5	BK32370	SW8081	12/5/2015	1	Endosulfan I		ug/L	U	0.010
MW5	BK32370	SW8082	12/5/2015	1	PCB-1260		ug/L	U	0.050
MW5	BK32370	SW8082	12/5/2015	1	PCB-1254		ug/L	U	0.050
MW5	BK32370	SW8082	12/5/2015	1	PCB-1268		ug/L	U	0.050
MW5	BK32370	SW8082	12/5/2015	1	PCB-1221		ug/L	U	0.050
MW5	BK32370	SW8082	12/5/2015	1	PCB-1232		ug/L	U	0.050
MW5	BK32370	SW8082	12/5/2015	1	PCB-1248		ug/L	U	0.050
MW5	BK32370	SW8082	12/5/2015	1	PCB-1016		ug/L	U	0.050
MW5	BK32370	SW8082	12/5/2015	1	PCB-1262		ug/L	U	0.050
MW5	BK32370	SW8082	12/5/2015	1	PCB-1242		ug/L	U	0.050
MW5	BK32370	SW8260	12/5/2015	2	Acetone	9.7	ug/L	UJ	10
MW5	BK32370	SW8260	12/5/2015	2	Ethylbenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Styrene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	cis-1,3-Dichloropropene		ug/L	U	0.40
MW5	BK32370	SW8260	12/5/2015	2	trans-1,3-Dichloropropene		ug/L	U	0.40
MW5	BK32370	SW8260	12/5/2015	2	n-Propylbenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	n-Butylbenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	4-Chlorotoluene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,4-Dichlorobenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,2-Dibromoethane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Acrolein		ug/L	UJ	5.0
MW5	BK32370	SW8260	12/5/2015	2	1,2-Dichloroethane		ug/L	U	0.6
MW5	BK32370	SW8260	12/5/2015	2	Acrylonitrile		ug/L	U	5.0
MW5	BK32370	SW8260	12/5/2015	2	4-Methyl-2-pentanone		ug/L	U	5.0
MW5	BK32370	SW8260	12/5/2015	2	1,3,5-Trimethylbenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Bromobenzene		ug/L	U	2.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BK32370	SW8260	12/5/2015	2	Toluene	2.3	ug/L		2.0
MW5	BK32370	SW8260	12/5/2015	2	Chlorobenzene		ug/L	U	5.0
MW5	BK32370	SW8260	12/5/2015	2	Tetrahydrofuran (THF)		ug/L	U	10
MW5	BK32370	SW8260	12/5/2015	2	trans-1,4-dichloro-2-butene		ug/L	UJ	5.0
MW5	BK32370	SW8260	12/5/2015	2	1,2,4-Trichlorobenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Dibromochloromethane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Tetrachloroethene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	sec-Butylbenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,3-Dichloropropane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	cis-1,2-Dichloroethene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	trans-1,2-Dichloroethene		ug/L	U	5.0
MW5	BK32370	SW8260	12/5/2015	2	Methyl t-butyl ether (MTBE)		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	m&p-Xylene	0.98	ug/L	J	2.0
MW5	BK32370	SW8260	12/5/2015	2	2-Isopropyltoluene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,3-Dichlorobenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Carbon tetrachloride		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,1-Dichloropropene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	2-Hexanone		ug/L	U	5.0
MW5	BK32370	SW8260	12/5/2015	2	2,2-Dichloropropane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,1,1,2-Tetrachloroethane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Chloroform		ug/L	U	7.0
MW5	BK32370	SW8260	12/5/2015	2	Benzene		ug/L	U	0.7
MW5	BK32370	SW8260	12/5/2015	2	1,1,1-Trichloroethane		ug/L	U	5.0
MW5	BK32370	SW8260	12/5/2015	2	Bromomethane		ug/L	UJ	5.0
MW5	BK32370	SW8260	12/5/2015	2	Chloromethane	8.3	ug/L		5.0
MW5	BK32370	SW8260	12/5/2015	2	Dibromomethane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Bromochloromethane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Chloroethane		ug/L	U	5.0
MW5	BK32370	SW8260	12/5/2015	2	Vinyl chloride		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Methylene chloride		ug/L	U	5.0
MW5	BK32370	SW8260	12/5/2015	2	Carbon Disulfide		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Bromoform		ug/L	U	10
MW5	BK32370	SW8260	12/5/2015	2	Bromodichloromethane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,1-Dichloroethane		ug/L	U	5.0
MW5	BK32370	SW8260	12/5/2015	2	1,1-Dichloroethene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Trichlorofluoromethane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Dichlorodifluoromethane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Trichlorotrifluoroethane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,2-Dichloropropane		ug/L	U	1.0
MW5	BK32370	SW8260	12/5/2015	2	Methyl ethyl ketone		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BK32370	SW8260	12/5/2015	2	1,1,2-Trichloroethane		ug/L	U	1.0
MW5	BK32370	SW8260	12/5/2015	2	Trichloroethene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,1,2,2-Tetrachloroethane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,2,3-Trichlorobenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Hexachlorobutadiene		ug/L	U	0.50
MW5	BK32370	SW8260	12/5/2015	2	Napthalene		ug/L	UJ	2.0
MW5	BK32370	SW8260	12/5/2015	2	o-Xylene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	2-Chlorotoluene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,2-Dichlorobenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,2,4-Trimethylbenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,2-Dibromo-3-chloropropane		ug/L	UJ	2.0
MW5	BK32370	SW8260	12/5/2015	2	1,2,3-Trichloropropane		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	tert-Butylbenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	Isopropylbenzene		ug/L	U	2.0
MW5	BK32370	SW8260	12/5/2015	2	p-Isopropyltoluene		ug/L	U	2.0
MW5	BK32370	SW8270	12/9/2015	1	1,2,4-Trichlorobenzene		ug/L	UJ	5.0
MW5	BK32370	SW8270	12/9/2015	1	1,3-Dichlorobenzene		ug/L	UJ	1.0
MW5	BK32370	SW8270	12/9/2015	1	1,4-Dichlorobenzene		ug/L	UJ	1.0
MW5	BK32370	SW8270	12/9/2015	1	2,4-Dichlorophenol		ug/L	UJ	1.0
MW5	BK32370	SW8270	12/9/2015	1	2,4-Dimethylphenol		ug/L	UJ	1.0
MW5	BK32370	SW8270	12/9/2015	1	2,4-Dinitrophenol		ug/L	U	1.0
MW5	BK32370	SW8270	12/9/2015	1	2-Methylnapthalene		ug/L	UJ	5.0
MW5	BK32370	SW8270	12/9/2015	1	2-Nitrophenol		ug/L	UJ	1.0
MW5	BK32370	SW8270	12/9/2015	1	3,3'-Dichlorobenzidine		ug/L	R	5.0
MW5	BK32370	SW8270	12/9/2015	1	3-Nitroaniline		ug/L	UJ	5.0
MW5	BK32370	SW8270	12/9/2015	1	Aniline		ug/L	UJ	3.5
MW5	BK32370	SW8270	12/9/2015	1	4-Nitroaniline		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	4-Nitrophenol		ug/L	U	1.0
MW5	BK32370	SW8270	12/9/2015	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	4-Chloroaniline		ug/L	U	3.5
MW5	BK32370	SW8270	12/9/2015	1	Phenol		ug/L	U	1.0
MW5	BK32370	SW8270	12/9/2015	1	Benzidine		ug/L	UJ	4.5
MW5	BK32370	SW8270	12/9/2015	1	Di-n-octylphthalate		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Anthracene		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Pyrene		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Dimethylphthalate		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Dibenzofuran		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Fluoranthene		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BK32370	SW8270	12/9/2015	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
MW5	BK32370	SW8270	12/9/2015	1	4-Chloro-3-methylphenol		ug/L	U	1.0
MW5	BK32370	SW8270	12/9/2015	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Isophorone		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Acenaphthene		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Diethyl phthalate		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Di-n-butylphthalate		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Benzyl butyl phthalate		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Fluorene		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	Benzoic acid		ug/L	UJ	25
MW5	BK32370	SW8270	12/9/2015	1	2,4,6-Trichlorophenol		ug/L	U	1.0
MW5	BK32370	SW8270	12/9/2015	1	2-Nitroaniline		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	2-Chloronaphthalene		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
MW5	BK32370	SW8270	12/9/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW5	BK32370	SW8270	12/9/2015	1	2-Chlorophenol		ug/L	U	1.0
MW5	BK32370	SW8270	12/9/2015	1	2,4,5-Trichlorophenol		ug/L	U	1.0
MW5	BK32370	SW8270	12/9/2015	1	Acetophenone		ug/L	U	5.0
MW5	BK32370	SW8270	12/9/2015	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
MW5	BK32370	SW8270	12/9/2015	1	Bis(2-chloroethoxy)methane		ug/L	UJ	5.0
MW5	BK32370	SW8270	12/9/2015	1	Bis(2-chloroethyl)ether		ug/L	UJ	1.0
MW5	BK32370	SW8270	12/9/2015	1	Carbazole		ug/L	UJ	25
MW5	BK32370	SW8270	12/9/2015	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW5	BK32370	SW8270	12/9/2015	1	Naphthalene		ug/L	UJ	5.0
MW5	BK32370	SW8270	12/9/2015	1	N-Nitrosodimethylamine		ug/L	UJ	1.0
MW5	BK32370	SW8270	12/9/2015	1	Pyridine		ug/L	UJ	10
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Hexachlorobenzene		ug/L	U	0.02
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Benzo(ghi)perylene		ug/L	U	0.02
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Benzo(b)fluoranthene		ug/L	U	0.02
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Benzo(k)fluoranthene		ug/L	U	0.02
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Acenaphthylene		ug/L	U	0.10
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Chrysene		ug/L	U	0.02
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Benzo(a)pyrene		ug/L	U	0.02
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Dibenz(a,h)anthracene		ug/L	U	0.02



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Benz(a)anthracene		ug/L	U	0.02
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Hexachloroethane		ug/L	UJ	0.50
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Pentachloronitrobenzene		ug/L	U	0.10
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Phenanthrene		ug/L	U	0.10
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Hexachlorobutadiene		ug/L	UJ	0.40
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Pentachlorophenol		ug/L	U	0.80
MW5	BK32370	SW8270C-SIM	12/9/2015	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
MW5	BK32370	SW8270C-SIM	12/9/2015	1	Nitrobenzene		ug/L	UJ	0.10
MW7	BK32371	7010	12/9/2015	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW7	BK32371	7010	12/8/2015	1	Selenium, (Dissolved)		mg/L	U	0.004
MW7	BK32371	7010	12/8/2015	1	Thallium , (Dissolved)		mg/L	U	0.0005
MW7	BK32371	7010	12/8/2015	1	Selenium		mg/L	U	0.002
MW7	BK32371	7010	12/9/2015	1	Antimony		mg/L	UJ	0.002
MW7	BK32371	7010	12/9/2015	1	Thallium - LDL		mg/L	U	0.0005
MW7	BK32371	SW6010	12/8/2015	100	Potassium	123	mg/L		10
MW7	BK32371	SW6010	12/7/2015	10	Magnesium (Dissolved)	393	mg/L		0.11
MW7	BK32371	SW6010	12/7/2015	10	Manganese, (Dissolved)	6.25	mg/L		0.053
MW7	BK32371	SW6010	12/7/2015	10	Potassium (Dissolved)	129	mg/L	J-	1.1
MW7	BK32371	SW6010	12/7/2015	10	Calcium (Dissolved)	223	mg/L		0.11
MW7	BK32371	SW6010	12/7/2015	1	Aluminum (Dissolved)	0.006	mg/L	J	0.011
MW7	BK32371	SW6010	12/7/2015	1	Iron, (Dissolved)		mg/L	U	0.01
MW7	BK32371	SW6010	12/7/2015	1	Lead (Dissolved)		mg/L	U	0.002
MW7	BK32371	SW6010	12/7/2015	1	Silver (Dissolved)		mg/L	U	0.005
MW7	BK32371	SW6010	12/7/2015	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW7	BK32371	SW6010	12/7/2015	1	Barium (Dissolved)	0.078	mg/L		0.011
MW7	BK32371	SW6010	12/7/2015	1	Beryllium (Dissolved)		mg/L	U	0.001
MW7	BK32371	SW6010	12/7/2015	1	Cadmium (Dissolved)		mg/L	U	0.004
MW7	BK32371	SW6010	12/7/2015	1	Chromium (Dissolved)		mg/L	U	0.001
MW7	BK32371	SW6010	12/7/2015	1	Cobalt, (Dissolved)	0.005	mg/L		0.005
MW7	BK32371	SW6010	12/7/2015	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW7	BK32371	SW6010	12/8/2015	100	Sodium (Dissolved)	2990	mg/L		11
MW7	BK32371	SW6010	12/8/2015	100	Magnesium	422	mg/L		1.0
MW7	BK32371	SW6010	12/8/2015	100	Manganese	5.61	mg/L		0.50
MW7	BK32371	SW6010	12/8/2015	100	Sodium	3220	mg/L		10
MW7	BK32371	SW6010	12/8/2015	100	Calcium	236	mg/L		1.0
MW7	BK32371	SW6010	12/8/2015	2	Copper, (Dissolved)	0.023	mg/L		0.011
MW7	BK32371	SW6010	12/8/2015	2	Zinc, (Dissolved)	0.021	mg/L	J	0.021
MW7	BK32371	SW6010	12/8/2015	2	Aluminum		mg/L	U	0.020
MW7	BK32371	SW6010	12/8/2015	2	Iron	0.24	mg/L		0.02
MW7	BK32371	SW6010	12/8/2015	2	Lead		mg/L	U	0.004



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW7	BK32371	SW6010	12/8/2015	2	Nickel	0.006	mg/L	U	0.008
MW7	BK32371	SW6010	12/8/2015	2	Silver	0.003	mg/L	J	0.010
MW7	BK32371	SW6010	12/8/2015	2	Arsenic - LDL	0.002	mg/L	J	0.008
MW7	BK32371	SW6010	12/8/2015	2	Barium	0.076	mg/L		0.020
MW7	BK32371	SW6010	12/8/2015	2	Beryllium		mg/L	U	0.002
MW7	BK32371	SW6010	12/8/2015	2	Cadmium		mg/L	U	0.005
MW7	BK32371	SW6010	12/8/2015	2	Chromium		mg/L	U	0.002
MW7	BK32371	SW6010	12/8/2015	2	Cobalt	0.005	mg/L	J	0.010
MW7	BK32371	SW6010	12/8/2015	2	Copper	0.020	mg/L		0.010
MW7	BK32371	SW6010	12/8/2015	2	Vanadium		mg/L	U	0.020
MW7	BK32371	SW6010	12/8/2015	2	Zinc	0.017	mg/L	J	0.020
MW7	BK32371	SW6010	12/7/2015	1	Nickel, (Dissolved)	0.009	mg/L	J+	0.004
MW7	BK32371	SW7470	12/7/2015	1	Mercury		mg/L	U	0.0002
MW7	BK32371	SW7470	12/7/2015	1	Mercury (Dissolved)		mg/L	U	0.0002
MW7	BK32371	SW8081	12/5/2015	1	Heptachlor epoxide		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	Endosulfan Sulfate		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	Alachlor		ug/L	U	0.075
MW7	BK32371	SW8081	12/5/2015	1	Aldrin		ug/L	U	0.002
MW7	BK32371	SW8081	12/5/2015	1	a-BHC		ug/L	U	0.005
MW7	BK32371	SW8081	12/5/2015	1	b-BHC		ug/L	U	0.005
MW7	BK32371	SW8081	12/5/2015	1	d-BHC		ug/L	U	0.005
MW7	BK32371	SW8081	12/5/2015	1	Endosulfan II		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	4,4' -DDT		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	a-chlordane		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	g-chlordane		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	Endrin ketone		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	Chlordane		ug/L	U	0.050
MW7	BK32371	SW8081	12/5/2015	1	g-BHC (Lindane)		ug/L	U	0.005
MW7	BK32371	SW8081	12/5/2015	1	Dieldrin		ug/L	U	0.002
MW7	BK32371	SW8081	12/5/2015	1	Endrin		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	Methoxychlor		ug/L	U	0.10
MW7	BK32371	SW8081	12/5/2015	1	4,4' -DDD		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	4,4' -DDE		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	Endrin Aldehyde		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	Heptachlor		ug/L	U	0.010
MW7	BK32371	SW8081	12/5/2015	1	Toxaphene		ug/L	U	0.25
MW7	BK32371	SW8081	12/5/2015	1	Endosulfan I		ug/L	U	0.010
MW7	BK32371	SW8082	12/5/2015	1	PCB-1260		ug/L	U	0.050
MW7	BK32371	SW8082	12/5/2015	1	PCB-1254		ug/L	U	0.050
MW7	BK32371	SW8082	12/5/2015	1	PCB-1268		ug/L	U	0.050



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MW7	BK32371	SW8082	12/5/2015	1	PCB-1221		ug/L	U	0.050
MW7	BK32371	SW8082	12/5/2015	1	PCB-1232		ug/L	U	0.050
MW7	BK32371	SW8082	12/5/2015	1	PCB-1248		ug/L	U	0.050
MW7	BK32371	SW8082	12/5/2015	1	PCB-1016		ug/L	U	0.050
MW7	BK32371	SW8082	12/5/2015	1	PCB-1262		ug/L	U	0.050
MW7	BK32371	SW8082	12/5/2015	1	PCB-1242		ug/L	U	0.050
MW7	BK32371	SW8260	12/5/2015	2	Acetone		ug/L	UJ	10
MW7	BK32371	SW8260	12/5/2015	2	Ethylbenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Styrene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	cis-1,3-Dichloropropene		ug/L	U	0.40
MW7	BK32371	SW8260	12/5/2015	2	trans-1,3-Dichloropropene		ug/L	U	0.40
MW7	BK32371	SW8260	12/5/2015	2	n-Propylbenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	n-Butylbenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	4-Chlorotoluene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,4-Dichlorobenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,2-Dibromoethane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Acrolein		ug/L	UJ	5.0
MW7	BK32371	SW8260	12/5/2015	2	1,2-Dichloroethane		ug/L	U	0.6
MW7	BK32371	SW8260	12/5/2015	2	Acrylonitrile		ug/L	U	5.0
MW7	BK32371	SW8260	12/5/2015	2	4-Methyl-2-pentanone		ug/L	U	5.0
MW7	BK32371	SW8260	12/5/2015	2	1,3,5-Trimethylbenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Bromobenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Toluene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Chlorobenzene		ug/L	U	5.0
MW7	BK32371	SW8260	12/5/2015	2	Tetrahydrofuran (THF)		ug/L	U	10
MW7	BK32371	SW8260	12/5/2015	2	trans-1,4-dichloro-2-butene		ug/L	UJ	5.0
MW7	BK32371	SW8260	12/5/2015	2	1,2,4-Trichlorobenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Dibromochloromethane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Tetrachloroethene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	sec-Butylbenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,3-Dichloropropane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	cis-1,2-Dichloroethene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	trans-1,2-Dichloroethene		ug/L	U	5.0
MW7	BK32371	SW8260	12/5/2015	2	Methyl t-butyl ether (MTBE)		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	m&p-Xylene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	2-Isopropyltoluene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,3-Dichlorobenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Carbon tetrachloride		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,1-Dichloropropene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	2-Hexanone		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW7	BK32371	SW8260	12/5/2015	2	2,2-Dichloropropane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,1,1,2-Tetrachloroethane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Chloroform		ug/L	U	7.0
MW7	BK32371	SW8260	12/5/2015	2	Benzene		ug/L	U	0.7
MW7	BK32371	SW8260	12/5/2015	2	1,1,1-Trichloroethane		ug/L	U	5.0
MW7	BK32371	SW8260	12/5/2015	2	Bromomethane		ug/L	UJ	5.0
MW7	BK32371	SW8260	12/5/2015	2	Chloromethane	2.0	ug/L	J	5.0
MW7	BK32371	SW8260	12/5/2015	2	Dibromomethane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Bromochloromethane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Chloroethane		ug/L	U	5.0
MW7	BK32371	SW8260	12/5/2015	2	Vinyl chloride		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Methylene chloride		ug/L	U	5.0
MW7	BK32371	SW8260	12/5/2015	2	Carbon Disulfide		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Bromoform		ug/L	U	10
MW7	BK32371	SW8260	12/5/2015	2	Bromodichloromethane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,1-Dichloroethane		ug/L	U	5.0
MW7	BK32371	SW8260	12/5/2015	2	1,1-Dichloroethene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Trichlorofluoromethane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Dichlorodifluoromethane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Trichlorotrifluoroethane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,2-Dichloropropane		ug/L	U	1.0
MW7	BK32371	SW8260	12/5/2015	2	Methyl ethyl ketone		ug/L	U	5.0
MW7	BK32371	SW8260	12/5/2015	2	1,1,2-Trichloroethane		ug/L	U	1.0
MW7	BK32371	SW8260	12/5/2015	2	Trichloroethene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,1,2,2-Tetrachloroethane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,2,3-Trichlorobenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Hexachlorobutadiene		ug/L	U	0.50
MW7	BK32371	SW8260	12/5/2015	2	Naphthalene		ug/L	UJ	2.0
MW7	BK32371	SW8260	12/5/2015	2	o-Xylene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	2-Chlorotoluene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,2-Dichlorobenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,2,4-Trimethylbenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,2-Dibromo-3-chloropropane		ug/L	UJ	2.0
MW7	BK32371	SW8260	12/5/2015	2	1,2,3-Trichloropropane		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	tert-Butylbenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	Isopropylbenzene		ug/L	U	2.0
MW7	BK32371	SW8260	12/5/2015	2	p-Isopropyltoluene		ug/L	U	2.0
MW7	BK32371	SW8270	12/9/2015	1	1,2,4-Trichlorobenzene		ug/L	UJ	5.0
MW7	BK32371	SW8270	12/9/2015	1	1,3-Dichlorobenzene		ug/L	UJ	1.0
MW7	BK32371	SW8270	12/9/2015	1	1,4-Dichlorobenzene		ug/L	UJ	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW7	BK32371	SW8270	12/9/2015	1	2,4-Dichlorophenol		ug/L	UJ	1.0
MW7	BK32371	SW8270	12/9/2015	1	2,4-Dimethylphenol		ug/L	UJ	1.0
MW7	BK32371	SW8270	12/9/2015	1	2,4-Dinitrophenol		ug/L	U	1.0
MW7	BK32371	SW8270	12/9/2015	1	2-Methylnaphthalene		ug/L	UJ	5.0
MW7	BK32371	SW8270	12/9/2015	1	2-Nitrophenol		ug/L	UJ	1.0
MW7	BK32371	SW8270	12/9/2015	1	3,3'-Dichlorobenzidine		ug/L	R	5.0
MW7	BK32371	SW8270	12/9/2015	1	3-Nitroaniline		ug/L	UJ	5.0
MW7	BK32371	SW8270	12/9/2015	1	Aniline		ug/L	UJ	3.5
MW7	BK32371	SW8270	12/9/2015	1	Benzidine		ug/L	UJ	4.5
MW7	BK32371	SW8270	12/9/2015	1	Benzoic acid		ug/L	UJ	25
MW7	BK32371	SW8270	12/9/2015	1	4-Nitroaniline		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	4-Nitrophenol		ug/L	U	1.0
MW7	BK32371	SW8270	12/9/2015	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	4-Chloroaniline		ug/L	U	3.5
MW7	BK32371	SW8270	12/9/2015	1	Phenol		ug/L	U	1.0
MW7	BK32371	SW8270	12/9/2015	1	Bis(2-chloroethoxy)methane		ug/L	UJ	5.0
MW7	BK32371	SW8270	12/9/2015	1	Di-n-octylphthalate		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Anthracene		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Pyrene		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Dimethylphthalate		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Dibenzofuran		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Fluoranthene		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
MW7	BK32371	SW8270	12/9/2015	1	4-Chloro-3-methylphenol		ug/L	U	1.0
MW7	BK32371	SW8270	12/9/2015	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Bis(2-chloroethyl)ether		ug/L	UJ	1.0
MW7	BK32371	SW8270	12/9/2015	1	Isophorone		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Acenaphthene		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Diethyl phthalate		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Di-n-butylphthalate		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Benzyl butyl phthalate		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	Fluorene		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	2,4,6-Trichlorophenol		ug/L	U	1.0
MW7	BK32371	SW8270	12/9/2015	1	2-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
MW7	BK32371	SW8270	12/9/2015	1	2-Chloronaphthalene		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
MW7	BK32371	SW8270	12/9/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW7	BK32371	SW8270	12/9/2015	1	2-Chlorophenol		ug/L	U	1.0
MW7	BK32371	SW8270	12/9/2015	1	2,4,5-Trichlorophenol		ug/L	U	1.0
MW7	BK32371	SW8270	12/9/2015	1	Acetophenone		ug/L	U	5.0
MW7	BK32371	SW8270	12/9/2015	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
MW7	BK32371	SW8270	12/9/2015	1	Carbazole		ug/L	UJ	25
MW7	BK32371	SW8270	12/9/2015	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW7	BK32371	SW8270	12/9/2015	1	Naphthalene		ug/L	UJ	5.0
MW7	BK32371	SW8270	12/9/2015	1	N-Nitrosodimethylamine		ug/L	UJ	1.0
MW7	BK32371	SW8270	12/9/2015	1	Pyridine		ug/L	UJ	10
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Hexachlorobenzene		ug/L	U	0.02
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Benzo(ghi)perylene		ug/L	U	0.02
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Benzo(b)fluoranthene		ug/L	U	0.02
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Benzo(k)fluoranthene		ug/L	U	0.02
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Acenaphthylene		ug/L	U	0.10
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Chrysene		ug/L	U	0.02
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Benzo(a)pyrene		ug/L	U	0.02
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Dibenz(a,h)anthracene		ug/L	U	0.02
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Benzo(a)anthracene		ug/L	U	0.02
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Hexachloroethane		ug/L	UJ	0.50
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Pentachloronitrobenzene		ug/L	U	0.10
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Phenanthrene		ug/L	U	0.10
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Hexachlorobutadiene		ug/L	UJ	0.40
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Pentachlorophenol		ug/L	U	0.80
MW7	BK32371	SW8270C-SIM	12/9/2015	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
MW7	BK32371	SW8270C-SIM	12/9/2015	1	Nitrobenzene		ug/L	UJ	0.10
MW8	BK32372	7010	12/9/2015	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW8	BK32372	7010	12/8/2015	1	Selenium, (Dissolved)		mg/L	U	0.004
MW8	BK32372	7010	12/8/2015	1	Thallium, (Dissolved)		mg/L	U	0.0005
MW8	BK32372	7010	12/8/2015	1	Selenium	0.004	mg/L		0.002
MW8	BK32372	7010	12/9/2015	1	Antimony		mg/L	UJ	0.002
MW8	BK32372	7010	12/9/2015	1	Thallium - LDL		mg/L	U	0.0005
MW8	BK32372	SW6010	12/8/2015	100	Potassium	188	mg/L	J+	10
MW8	BK32372	SW6010	12/7/2015	10	Magnesium (Dissolved)	612	mg/L		0.11
MW8	BK32372	SW6010	12/7/2015	10	Potassium (Dissolved)	214	mg/L	J-	1.1
MW8	BK32372	SW6010	12/7/2015	10	Calcium (Dissolved)	250	mg/L		0.11



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW8	BK32372	SW6010	12/7/2015	1	Aluminum (Dissolved)	0.007	mg/L	J	0.011
MW8	BK32372	SW6010	12/7/2015	1	Iron, (Dissolved)	21.8	mg/L		0.01
MW8	BK32372	SW6010	12/7/2015	1	Lead (Dissolved)		mg/L	U	0.002
MW8	BK32372	SW6010	12/7/2015	1	Manganese, (Dissolved)	1.04	mg/L		0.005
MW8	BK32372	SW6010	12/7/2015	1	Silver (Dissolved)		mg/L	U	0.005
MW8	BK32372	SW6010	12/7/2015	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW8	BK32372	SW6010	12/7/2015	1	Barium (Dissolved)	0.044	mg/L		0.011
MW8	BK32372	SW6010	12/7/2015	1	Beryllium (Dissolved)		mg/L	U	0.001
MW8	BK32372	SW6010	12/7/2015	1	Cadmium (Dissolved)		mg/L	U	0.004
MW8	BK32372	SW6010	12/7/2015	1	Chromium (Dissolved)		mg/L	U	0.001
MW8	BK32372	SW6010	12/7/2015	1	Cobalt, (Dissolved)	0.004	mg/L	J	0.005
MW8	BK32372	SW6010	12/7/2015	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW8	BK32372	SW6010	12/8/2015	100	Sodium (Dissolved)	4450	mg/L		11
MW8	BK32372	SW6010	12/8/2015	100	Iron	48.8	mg/L	J+	1.0
MW8	BK32372	SW6010	12/8/2015	100	Magnesium	580	mg/L		1.0
MW8	BK32372	SW6010	12/8/2015	100	Sodium	4830	mg/L		10
MW8	BK32372	SW6010	12/8/2015	100	Calcium	262	mg/L		1.0
MW8	BK32372	SW6010	12/8/2015	2	Copper, (Dissolved)		mg/L	U	0.011
MW8	BK32372	SW6010	12/8/2015	2	Zinc, (Dissolved)	0.005	mg/L	J	0.021
MW8	BK32372	SW6010	12/8/2015	2	Aluminum		mg/L	U	0.020
MW8	BK32372	SW6010	12/8/2015	2	Lead		mg/L	U	0.004
MW8	BK32372	SW6010	12/8/2015	2	Manganese	1.10	mg/L		0.010
MW8	BK32372	SW6010	12/8/2015	2	Nickel	0.003	mg/L	U	0.008
MW8	BK32372	SW6010	12/8/2015	2	Silver		mg/L	U	0.010
MW8	BK32372	SW6010	12/8/2015	2	Arsenic - LDL		mg/L	U	0.008
MW8	BK32372	SW6010	12/8/2015	2	Barium	0.050	mg/L		0.020
MW8	BK32372	SW6010	12/8/2015	2	Beryllium		mg/L	U	0.002
MW8	BK32372	SW6010	12/8/2015	2	Cadmium	0.001	mg/L	J	0.005
MW8	BK32372	SW6010	12/8/2015	2	Chromium		mg/L	U	0.002
MW8	BK32372	SW6010	12/8/2015	2	Cobalt	0.004	mg/L	J	0.010
MW8	BK32372	SW6010	12/8/2015	2	Copper		mg/L	U	0.010
MW8	BK32372	SW6010	12/8/2015	2	Vanadium		mg/L	U	0.020
MW8	BK32372	SW6010	12/8/2015	2	Zinc	0.004	mg/L	J	0.020
MW8	BK32372	SW6010	12/7/2015	1	Nickel, (Dissolved)	0.003	mg/L	J+	0.004
MW8	BK32372	SW7470	12/7/2015	1	Mercury		mg/L	U	0.0002
MW8	BK32372	SW7470	12/7/2015	1	Mercury (Dissolved)		mg/L	U	0.0002
MW8	BK32372	SW8081	12/5/2015	1	Heptachlor epoxide		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	Endosulfan Sulfate		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	Alachlor		ug/L	U	0.075
MW8	BK32372	SW8081	12/5/2015	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
MW8	BK32372	SW8081	12/5/2015	1	a-BHC		ug/L	U	0.005
MW8	BK32372	SW8081	12/5/2015	1	b-BHC		ug/L	U	0.005
MW8	BK32372	SW8081	12/5/2015	1	d-BHC		ug/L	U	0.005
MW8	BK32372	SW8081	12/5/2015	1	Endosulfan II		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	4,4' -DDT		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	a-chlordane		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	g-chlordane		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	Endrin ketone		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	Chlordane		ug/L	U	0.050
MW8	BK32372	SW8081	12/5/2015	1	g-BHC (Lindane)		ug/L	U	0.005
MW8	BK32372	SW8081	12/5/2015	1	Dieldrin		ug/L	U	0.002
MW8	BK32372	SW8081	12/5/2015	1	Endrin		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	Methoxychlor		ug/L	U	0.10
MW8	BK32372	SW8081	12/5/2015	1	4,4' -DDD		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	4,4' -DDE		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	Endrin Aldehyde		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	Heptachlor		ug/L	U	0.010
MW8	BK32372	SW8081	12/5/2015	1	Toxaphene		ug/L	U	0.20
MW8	BK32372	SW8081	12/5/2015	1	Endosulfan I		ug/L	U	0.010
MW8	BK32372	SW8082	12/5/2015	1	PCB-1260		ug/L	U	0.050
MW8	BK32372	SW8082	12/5/2015	1	PCB-1254		ug/L	U	0.050
MW8	BK32372	SW8082	12/5/2015	1	PCB-1268		ug/L	U	0.050
MW8	BK32372	SW8082	12/5/2015	1	PCB-1221		ug/L	U	0.050
MW8	BK32372	SW8082	12/5/2015	1	PCB-1232		ug/L	U	0.050
MW8	BK32372	SW8082	12/5/2015	1	PCB-1248		ug/L	U	0.050
MW8	BK32372	SW8082	12/5/2015	1	PCB-1016		ug/L	U	0.050
MW8	BK32372	SW8082	12/5/2015	1	PCB-1262		ug/L	U	0.050
MW8	BK32372	SW8082	12/5/2015	1	PCB-1242		ug/L	U	0.050
MW8	BK32372	SW8260	12/5/2015	1	Acetone		ug/L	UJ	5.0
MW8	BK32372	SW8260	12/5/2015	1	Ethylbenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Styrene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW8	BK32372	SW8260	12/5/2015	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW8	BK32372	SW8260	12/5/2015	1	n-Propylbenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	n-Butylbenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	4-Chlorotoluene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,2-Dibromoethane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Acrolein		ug/L	UJ	5.0
MW8	BK32372	SW8260	12/5/2015	1	1,2-Dichloroethane		ug/L	U	0.60



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW8	BK32372	SW8260	12/5/2015	1	Acrylonitrile		ug/L	U	5.0
MW8	BK32372	SW8260	12/5/2015	1	4-Methyl-2-pentanone		ug/L	U	2.5
MW8	BK32372	SW8260	12/5/2015	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Bromobenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Toluene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Chlorobenzene		ug/L	U	5.0
MW8	BK32372	SW8260	12/5/2015	1	Tetrahydrofuran (THF)		ug/L	U	5.0
MW8	BK32372	SW8260	12/5/2015	1	trans-1,4-dichloro-2-butene		ug/L	UJ	2.5
MW8	BK32372	SW8260	12/5/2015	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Dibromochloromethane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Tetrachloroethene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	sec-Butylbenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,3-Dichloropropane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	cis-1,2-Dichloroethene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW8	BK32372	SW8260	12/5/2015	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	m&p-Xylene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	2-Isopropyltoluene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Carbon tetrachloride		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,1-Dichloropropene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	2-Hexanone		ug/L	U	2.5
MW8	BK32372	SW8260	12/5/2015	1	2,2-Dichloropropane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Chloroform		ug/L	U	5.0
MW8	BK32372	SW8260	12/5/2015	1	Benzene		ug/L	U	0.70
MW8	BK32372	SW8260	12/5/2015	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW8	BK32372	SW8260	12/5/2015	1	Bromomethane		ug/L	UJ	5.0
MW8	BK32372	SW8260	12/5/2015	1	Chloromethane	1.2	ug/L	J	5.0
MW8	BK32372	SW8260	12/5/2015	1	Dibromomethane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Bromochloromethane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Chloroethane		ug/L	U	5.0
MW8	BK32372	SW8260	12/5/2015	1	Vinyl chloride		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Methylene chloride		ug/L	U	3.0
MW8	BK32372	SW8260	12/5/2015	1	Carbon Disulfide		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Bromoform		ug/L	U	5.0
MW8	BK32372	SW8260	12/5/2015	1	Bromodichloromethane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,1-Dichloroethane		ug/L	U	5.0
MW8	BK32372	SW8260	12/5/2015	1	1,1-Dichloroethene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Trichlorofluoromethane		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW8	BK32372	SW8260	12/5/2015	1	Dichlorodifluoromethane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,2-Dichloropropane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Methyl ethyl ketone		ug/L	U	2.5
MW8	BK32372	SW8260	12/5/2015	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Trichloroethene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Hexachlorobutadiene		ug/L	U	0.50
MW8	BK32372	SW8260	12/5/2015	1	Naphthalene		ug/L	UJ	1.0
MW8	BK32372	SW8260	12/5/2015	1	o-Xylene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	2-Chlorotoluene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	1.0
MW8	BK32372	SW8260	12/5/2015	1	1,2,3-Trichloropropane		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	tert-Butylbenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	Isopropylbenzene		ug/L	U	1.0
MW8	BK32372	SW8260	12/5/2015	1	p-Isopropyltoluene		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	1,2,4-Trichlorobenzene		ug/L	UJ	5.0
MW8	BK32372	SW8270	12/9/2015	1	1,3-Dichlorobenzene		ug/L	UJ	1.0
MW8	BK32372	SW8270	12/9/2015	1	1,4-Dichlorobenzene		ug/L	UJ	1.0
MW8	BK32372	SW8270	12/9/2015	1	2,4-Dichlorophenol		ug/L	UJ	1.0
MW8	BK32372	SW8270	12/9/2015	1	2,4-Dimethylphenol		ug/L	UJ	1.0
MW8	BK32372	SW8270	12/9/2015	1	2,4-Dinitrophenol		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	2-Methylnaphthalene		ug/L	UJ	5.0
MW8	BK32372	SW8270	12/9/2015	1	2-Nitrophenol		ug/L	UJ	1.0
MW8	BK32372	SW8270	12/9/2015	1	3,3'-Dichlorobenzidine		ug/L	R	5.0
MW8	BK32372	SW8270	12/9/2015	1	3-Nitroaniline		ug/L	UJ	5.0
MW8	BK32372	SW8270	12/9/2015	1	Aniline		ug/L	UJ	3.5
MW8	BK32372	SW8270	12/9/2015	1	Benzidine		ug/L	UJ	4.5
MW8	BK32372	SW8270	12/9/2015	1	Benzoic acid		ug/L	UJ	25
MW8	BK32372	SW8270	12/9/2015	1	Bis(2-chloroethoxy)methane		ug/L	UJ	5.0
MW8	BK32372	SW8270	12/9/2015	1	Bis(2-chloroethyl)ether		ug/L	UJ	1.0
MW8	BK32372	SW8270	12/9/2015	1	4-Nitroaniline		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	4-Nitrophenol		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	4-Chloroaniline		ug/L	U	3.5
MW8	BK32372	SW8270	12/9/2015	1	Phenol		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	Carbazole		ug/L	UJ	25



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW8	BK32372	SW8270	12/9/2015	1	Di-n-octylphthalate		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Anthracene		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Pyrene		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Dimethylphthalate		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Dibenzofuran		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Fluoranthene		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	4-Chloro-3-methylphenol		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW8	BK32372	SW8270	12/9/2015	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Isophorone		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Acenaphthene		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Diethyl phthalate		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Di-n-butylphthalate		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Benzyl butyl phthalate		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	Fluorene		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	2,4,6-Trichlorophenol		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	2-Nitroaniline		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	2-Chloronaphthalene		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	2-Chlorophenol		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	2,4,5-Trichlorophenol		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	Acetophenone		ug/L	U	5.0
MW8	BK32372	SW8270	12/9/2015	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
MW8	BK32372	SW8270	12/9/2015	1	Naphthalene		ug/L	UJ	5.0
MW8	BK32372	SW8270	12/9/2015	1	N-Nitrosodimethylamine		ug/L	UJ	1.0
MW8	BK32372	SW8270	12/9/2015	1	Pyridine		ug/L	UJ	10
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Hexachlorobenzene		ug/L	U	0.02
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Benzo(ghi)perylene		ug/L	U	0.02
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Benzo(b)fluoranthene		ug/L	U	0.02
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Benzo(k)fluoranthene		ug/L	U	0.02



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Acenaphthylene		ug/L	UJ	0.10
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Chrysene		ug/L	U	0.02
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Benzo(a)pyrene		ug/L	U	0.02
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Dibenz(a,h)anthracene		ug/L	U	0.02
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Benz(a)anthracene		ug/L	U	0.02
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Hexachloroethane		ug/L	UJ	0.50
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Pentachloronitrobenzene		ug/L	U	0.10
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Phenanthrene		ug/L	U	0.10
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Hexachlorobutadiene		ug/L	UJ	0.40
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Pentachlorophenol		ug/L	U	0.80
MW8	BK32372	SW8270C-SIM	12/9/2015	1	1,2,4,5-Tetrachlorobenzene		ug/L	UJ	0.50
MW8	BK32372	SW8270C-SIM	12/9/2015	1	Nitrobenzene		ug/L	UJ	0.10
MW9	BK32373	7010	12/9/2015	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW9	BK32373	7010	12/8/2015	1	Selenium, (Dissolved)		mg/L	U	0.004
MW9	BK32373	7010	12/8/2015	1	Thallium , (Dissolved)		mg/L	U	0.0005
MW9	BK32373	7010	12/8/2015	1	Selenium		mg/L	U	0.002
MW9	BK32373	7010	12/9/2015	1	Antimony		mg/L	UJ	0.002
MW9	BK32373	7010	12/9/2015	1	Thallium - LDL		mg/L	U	0.0005
MW9	BK32373	SW6010	12/8/2015	100	Potassium	121	mg/L	J+	10
MW9	BK32373	SW6010	12/7/2015	10	Magnesium (Dissolved)	426	mg/L		0.11
MW9	BK32373	SW6010	12/7/2015	10	Potassium (Dissolved)	146	mg/L	J-	1.1
MW9	BK32373	SW6010	12/7/2015	10	Calcium (Dissolved)	226	mg/L		0.11
MW9	BK32373	SW6010	12/7/2015	1	Aluminum (Dissolved)	0.010	mg/L	J	0.011
MW9	BK32373	SW6010	12/7/2015	1	Iron, (Dissolved)		mg/L	U	0.01
MW9	BK32373	SW6010	12/7/2015	1	Lead (Dissolved)		mg/L	U	0.002
MW9	BK32373	SW6010	12/7/2015	1	Manganese, (Dissolved)	1.18	mg/L		0.005
MW9	BK32373	SW6010	12/7/2015	1	Nickel, (Dissolved)	0.008	mg/L	J+	0.004
MW9	BK32373	SW6010	12/7/2015	1	Silver (Dissolved)		mg/L	U	0.005
MW9	BK32373	SW6010	12/7/2015	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW9	BK32373	SW6010	12/7/2015	1	Barium (Dissolved)	0.054	mg/L		0.011
MW9	BK32373	SW6010	12/7/2015	1	Beryllium (Dissolved)		mg/L	U	0.001
MW9	BK32373	SW6010	12/7/2015	1	Cadmium (Dissolved)		mg/L	U	0.004
MW9	BK32373	SW6010	12/7/2015	1	Chromium (Dissolved)		mg/L	U	0.001
MW9	BK32373	SW6010	12/7/2015	1	Cobalt, (Dissolved)	0.002	mg/L	J	0.005
MW9	BK32373	SW6010	12/7/2015	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW9	BK32373	SW6010	12/8/2015	100	Sodium (Dissolved)	2900	mg/L		11
MW9	BK32373	SW6010	12/8/2015	100	Aluminum	19.4	mg/L		1.0
MW9	BK32373	SW6010	12/8/2015	100	Iron	48.4	mg/L	J+	1.0
MW9	BK32373	SW6010	12/8/2015	100	Magnesium	489	mg/L		1.0
MW9	BK32373	SW6010	12/8/2015	100	Sodium	3160	mg/L		10



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW9	BK32373	SW6010	12/8/2015	100	Calcium	289	mg/L		1.0
MW9	BK32373	SW6010	12/8/2015	2	Copper, (Dissolved)		mg/L	U	0.011
MW9	BK32373	SW6010	12/8/2015	2	Zinc, (Dissolved)	0.028	mg/L		0.021
MW9	BK32373	SW6010	12/8/2015	2	Lead	0.224	mg/L		0.004
MW9	BK32373	SW6010	12/8/2015	2	Manganese	2.45	mg/L		0.010
MW9	BK32373	SW6010	12/8/2015	2	Nickel	0.063	mg/L	U	0.008
MW9	BK32373	SW6010	12/8/2015	2	Silver		mg/L	U	0.010
MW9	BK32373	SW6010	12/8/2015	2	Arsenic - LDL	0.034	mg/L		0.008
MW9	BK32373	SW6010	12/8/2015	2	Barium	0.130	mg/L		0.020
MW9	BK32373	SW6010	12/8/2015	2	Beryllium		mg/L	U	0.002
MW9	BK32373	SW6010	12/8/2015	2	Cadmium	0.002	mg/L	J	0.005
MW9	BK32373	SW6010	12/8/2015	2	Chromium	0.047	mg/L		0.002
MW9	BK32373	SW6010	12/8/2015	2	Cobalt	0.019	mg/L		0.010
MW9	BK32373	SW6010	12/8/2015	2	Copper	0.096	mg/L		0.010
MW9	BK32373	SW6010	12/8/2015	2	Vanadium	0.037	mg/L		0.020
MW9	BK32373	SW6010	12/8/2015	2	Zinc	0.306	mg/L		0.020
MW9	BK32373	SW7470	12/7/2015	1	Mercury		mg/L	U	0.0002
MW9	BK32373	SW7470	12/7/2015	1	Mercury (Dissolved)		mg/L	U	0.0002
MW9	BK32373	SW8081	12/5/2015	1	Heptachlor epoxide		ug/L	UJ	0.015
MW9	BK32373	SW8081	12/5/2015	1	Endosulfan Sulfate		ug/L	UJ	0.15
MW9	BK32373	SW8081	12/5/2015	1	Alachlor		ug/L	UJ	0.075
MW9	BK32373	SW8081	12/5/2015	1	Aldrin		ug/L	UJ	0.002
MW9	BK32373	SW8081	12/5/2015	1	a-BHC		ug/L	UJ	0.005
MW9	BK32373	SW8081	12/5/2015	1	b-BHC		ug/L	UJ	0.005
MW9	BK32373	SW8081	12/5/2015	1	d-BHC		ug/L	UJ	0.005
MW9	BK32373	SW8081	12/5/2015	1	Endosulfan II		ug/L	UJ	0.010
MW9	BK32373	SW8081	12/5/2015	1	4,4' -DDT		ug/L	UJ	0.15
MW9	BK32373	SW8081	12/5/2015	1	a-chlordane		ug/L	UJ	0.010
MW9	BK32373	SW8081	12/5/2015	1	g-chlordane		ug/L	UJ	0.010
MW9	BK32373	SW8081	12/5/2015	1	Endrin ketone		ug/L	UJ	0.010
MW9	BK32373	SW8081	12/5/2015	1	Chlordane		ug/L	UJ	0.050
MW9	BK32373	SW8081	12/5/2015	1	g-BHC (Lindane)		ug/L	UJ	0.005
MW9	BK32373	SW8081	12/5/2015	1	Dieldrin		ug/L	UJ	0.050
MW9	BK32373	SW8081	12/5/2015	1	Endrin		ug/L	UJ	0.15
MW9	BK32373	SW8081	12/5/2015	1	Methoxychlor		ug/L	UJ	0.10
MW9	BK32373	SW8081	12/5/2015	1	4,4' -DDE		ug/L	UJ	0.010
MW9	BK32373	SW8081	12/5/2015	1	Endrin Aldehyde		ug/L	UJ	0.020
MW9	BK32373	SW8081	12/5/2015	1	Heptachlor		ug/L	UJ	0.010
MW9	BK32373	SW8081	12/5/2015	1	Toxaphene		ug/L	UJ	0.20
MW9	BK32373	SW8081	12/5/2015	1	Endosulfan I		ug/L	UJ	0.010



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW9	BK32373	SW8081	12/8/2015	5	4,4' -DDD		ug/L	U	0.025
MW9	BK32373	SW8082	12/5/2015	5	PCB-1260		ug/L	U	0.25
MW9	BK32373	SW8082	12/5/2015	5	PCB-1254	1.3	ug/L		0.25
MW9	BK32373	SW8082	12/5/2015	5	PCB-1268		ug/L	U	0.25
MW9	BK32373	SW8082	12/5/2015	5	PCB-1221		ug/L	U	0.25
MW9	BK32373	SW8082	12/5/2015	5	PCB-1232		ug/L	U	0.25
MW9	BK32373	SW8082	12/5/2015	5	PCB-1248		ug/L	U	0.25
MW9	BK32373	SW8082	12/5/2015	5	PCB-1016		ug/L	U	0.25
MW9	BK32373	SW8082	12/5/2015	5	PCB-1262		ug/L	U	0.25
MW9	BK32373	SW8082	12/5/2015	5	PCB-1242		ug/L	U	0.25
MW9	BK32373	SW8260	12/5/2015	1	Acetone	4.8	ug/L	UJ	5.0
MW9	BK32373	SW8260	12/5/2015	1	Ethylbenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Styrene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW9	BK32373	SW8260	12/5/2015	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW9	BK32373	SW8260	12/5/2015	1	n-Propylbenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	n-Butylbenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	4-Chlorotoluene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,2-Dibromoethane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Acrolein		ug/L	UJ	5.0
MW9	BK32373	SW8260	12/5/2015	1	1,2-Dichloroethane		ug/L	U	0.60
MW9	BK32373	SW8260	12/5/2015	1	Acrylonitrile		ug/L	U	5.0
MW9	BK32373	SW8260	12/5/2015	1	4-Methyl-2-pentanone		ug/L	U	2.5
MW9	BK32373	SW8260	12/5/2015	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Bromobenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Toluene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Chlorobenzene		ug/L	U	5.0
MW9	BK32373	SW8260	12/5/2015	1	Tetrahydrofuran (THF)		ug/L	U	5.0
MW9	BK32373	SW8260	12/5/2015	1	trans-1,4-dichloro-2-butene		ug/L	UJ	2.5
MW9	BK32373	SW8260	12/5/2015	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Dibromochloromethane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Tetrachloroethene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	sec-Butylbenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,3-Dichloropropane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	cis-1,2-Dichloroethene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW9	BK32373	SW8260	12/5/2015	1	Methyl t-butyl ether (MTBE)	0.61	ug/L	J	1.0
MW9	BK32373	SW8260	12/5/2015	1	m&p-Xylene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	2-Isopropyltoluene		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW9	BK32373	SW8260	12/5/2015	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Carbon tetrachloride		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,1-Dichloropropene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	2-Hexanone		ug/L	U	2.5
MW9	BK32373	SW8260	12/5/2015	1	2,2-Dichloropropane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Chloroform		ug/L	U	5.0
MW9	BK32373	SW8260	12/5/2015	1	Benzene		ug/L	U	0.70
MW9	BK32373	SW8260	12/5/2015	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW9	BK32373	SW8260	12/5/2015	1	Bromomethane		ug/L	UJ	5.0
MW9	BK32373	SW8260	12/5/2015	1	Chloromethane	3.0	ug/L	J	5.0
MW9	BK32373	SW8260	12/5/2015	1	Dibromomethane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Bromochloromethane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Chloroethane		ug/L	U	5.0
MW9	BK32373	SW8260	12/5/2015	1	Vinyl chloride		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Methylene chloride		ug/L	U	3.0
MW9	BK32373	SW8260	12/5/2015	1	Carbon Disulfide		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Bromoform		ug/L	U	5.0
MW9	BK32373	SW8260	12/5/2015	1	Bromodichloromethane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,1-Dichloroethane		ug/L	U	5.0
MW9	BK32373	SW8260	12/5/2015	1	1,1-Dichloroethene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Trichlorofluoromethane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Dichlorodifluoromethane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,2-Dichloropropane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Methyl ethyl ketone		ug/L	U	2.5
MW9	BK32373	SW8260	12/5/2015	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Trichloroethene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Hexachlorobutadiene		ug/L	U	0.50
MW9	BK32373	SW8260	12/5/2015	1	Naphthalene		ug/L	UJ	1.0
MW9	BK32373	SW8260	12/5/2015	1	o-Xylene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	2-Chlorotoluene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	1.0
MW9	BK32373	SW8260	12/5/2015	1	1,2,3-Trichloropropane		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	tert-Butylbenzene		ug/L	U	1.0
MW9	BK32373	SW8260	12/5/2015	1	Isopropylbenzene		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW9	BK32373	SW8260	12/5/2015	1	p-Isopropyltoluene		ug/L	U	1.0
MW9	BK32373	SW8270	12/9/2015	1	1,2,4-Trichlorobenzene		ug/L	UJ	5.0
MW9	BK32373	SW8270	12/9/2015	1	1,3-Dichlorobenzene		ug/L	UJ	1.0
MW9	BK32373	SW8270	12/9/2015	1	1,4-Dichlorobenzene		ug/L	UJ	1.0
MW9	BK32373	SW8270	12/9/2015	1	2,4-Dichlorophenol		ug/L	UJ	1.0
MW9	BK32373	SW8270	12/9/2015	1	2,4-Dimethylphenol		ug/L	UJ	1.0
MW9	BK32373	SW8270	12/9/2015	1	2,4-Dinitrophenol		ug/L	U	1.0
MW9	BK32373	SW8270	12/9/2015	1	2-Methylnaphthalene		ug/L	UJ	5.0
MW9	BK32373	SW8270	12/9/2015	1	2-Nitrophenol		ug/L	UJ	1.0
MW9	BK32373	SW8270	12/9/2015	1	3,3'-Dichlorobenzidine		ug/L	R	5.0
MW9	BK32373	SW8270	12/9/2015	1	3-Nitroaniline		ug/L	UJ	5.0
MW9	BK32373	SW8270	12/9/2015	1	Aniline		ug/L	UJ	3.5
MW9	BK32373	SW8270	12/9/2015	1	Benzidine		ug/L	UJ	4.5
MW9	BK32373	SW8270	12/9/2015	1	Benzoic acid		ug/L	UJ	25
MW9	BK32373	SW8270	12/9/2015	1	Bis(2-chloroethoxy)methane		ug/L	UJ	5.0
MW9	BK32373	SW8270	12/9/2015	1	Bis(2-chloroethyl)ether		ug/L	UJ	1.0
MW9	BK32373	SW8270	12/9/2015	1	Carbazole		ug/L	UJ	25
MW9	BK32373	SW8270	12/9/2015	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW9	BK32373	SW8270	12/9/2015	1	4-Nitroaniline		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	4-Nitrophenol		ug/L	U	1.0
MW9	BK32373	SW8270	12/9/2015	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Naphthalene		ug/L	UJ	5.0
MW9	BK32373	SW8270	12/9/2015	1	4-Chloroaniline		ug/L	U	3.5
MW9	BK32373	SW8270	12/9/2015	1	Phenol		ug/L	U	1.0
MW9	BK32373	SW8270	12/9/2015	1	Di-n-octylphthalate		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Anthracene		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Pyrene		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Dimethylphthalate		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Dibenzofuran		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Fluoranthene		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
MW9	BK32373	SW8270	12/9/2015	1	4-Chloro-3-methylphenol		ug/L	U	1.0
MW9	BK32373	SW8270	12/9/2015	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	N-Nitrosodimethylamine		ug/L	UJ	1.0
MW9	BK32373	SW8270	12/9/2015	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Isophorone		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW9	BK32373	SW8270	12/9/2015	1	Acenaphthene		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Diethyl phthalate		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Di-n-butylphthalate		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Benzyl butyl phthalate		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Fluorene		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	2,4,6-Trichlorophenol		ug/L	U	1.0
MW9	BK32373	SW8270	12/9/2015	1	2-Nitroaniline		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	2-Chloronaphthalene		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
MW9	BK32373	SW8270	12/9/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW9	BK32373	SW8270	12/9/2015	1	2-Chlorophenol		ug/L	U	1.0
MW9	BK32373	SW8270	12/9/2015	1	2,4,5-Trichlorophenol		ug/L	U	1.0
MW9	BK32373	SW8270	12/9/2015	1	Acetophenone		ug/L	U	5.0
MW9	BK32373	SW8270	12/9/2015	1	Pyridine		ug/L	UJ	10
MW9	BK32373	SW8270	12/9/2015	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Hexachlorobenzene		ug/L	U	0.02
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Benzo(ghi)perylene	0.02	ug/L		0.02
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Benzo(b)fluoranthene	0.03	ug/L		0.02
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Benzo(k)fluoranthene	0.04	ug/L		0.02
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Acenaphthylene		ug/L	U	0.10
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Chrysene	0.05	ug/L		0.02
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Benzo(a)pyrene	0.03	ug/L		0.02
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Dibenz(a,h)anthracene		ug/L	U	0.02
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Benz(a)anthracene	0.05	ug/L		0.02
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Hexachloroethane		ug/L	UJ	0.50
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Pentachloronitrobenzene		ug/L	U	0.10
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Phenanthrene		ug/L	U	0.10
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Hexachlorobutadiene		ug/L	UJ	0.40
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Pentachlorophenol		ug/L	U	0.80
MW9	BK32373	SW8270C-SIM	12/9/2015	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
MW9	BK32373	SW8270C-SIM	12/9/2015	1	Nitrobenzene		ug/L	UJ	0.10
MW10	BK32374	7010	12/9/2015	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW10	BK32374	7010	12/8/2015	1	Selenium, (Dissolved)		mg/L	U	0.004
MW10	BK32374	7010	12/8/2015	1	Thallium, (Dissolved)		mg/L	U	0.0005
MW10	BK32374	7010	12/8/2015	1	Selenium		mg/L	U	0.002
MW10	BK32374	7010	12/9/2015	1	Antimony		mg/L	UJ	0.002
MW10	BK32374	7010	12/9/2015	1	Thallium - LDL		mg/L	U	0.0005



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW10	BK32374	SW6010	12/8/2015	100	Potassium	72	mg/L	J+	10
MW10	BK32374	SW6010	12/7/2015	10	Magnesium (Dissolved)	247	mg/L		0.11
MW10	BK32374	SW6010	12/7/2015	10	Manganese, (Dissolved)	5.46	mg/L		0.053
MW10	BK32374	SW6010	12/7/2015	10	Potassium (Dissolved)	82.5	mg/L	J-	1.1
MW10	BK32374	SW6010	12/7/2015	10	Calcium (Dissolved)	240	mg/L		0.11
MW10	BK32374	SW6010	12/8/2015	1	Aluminum (Dissolved)	0.007	mg/L	J	0.011
MW10	BK32374	SW6010	12/8/2015	1	Iron, (Dissolved)		mg/L	U	0.01
MW10	BK32374	SW6010	12/8/2015	1	Lead (Dissolved)		mg/L	U	0.002
MW10	BK32374	SW6010	12/8/2015	1	Silver (Dissolved)		mg/L	U	0.005
MW10	BK32374	SW6010	12/8/2015	1	Arsenic, (Dissolved)		mg/L	U	0.003
MW10	BK32374	SW6010	12/8/2015	1	Barium (Dissolved)	0.082	mg/L		0.011
MW10	BK32374	SW6010	12/8/2015	1	Beryllium (Dissolved)		mg/L	U	0.001
MW10	BK32374	SW6010	12/8/2015	1	Cadmium (Dissolved)		mg/L	U	0.004
MW10	BK32374	SW6010	12/8/2015	1	Chromium (Dissolved)		mg/L	U	0.001
MW10	BK32374	SW6010	12/8/2015	1	Cobalt, (Dissolved)	0.004	mg/L	J	0.005
MW10	BK32374	SW6010	12/8/2015	1	Vanadium, (Dissolved)		mg/L	U	0.011
MW10	BK32374	SW6010	12/8/2015	100	Sodium (Dissolved)	1870	mg/L		11
MW10	BK32374	SW6010	12/8/2015	100	Iron	18.2	mg/L	J+	1.0
MW10	BK32374	SW6010	12/8/2015	100	Magnesium	228	mg/L		1.0
MW10	BK32374	SW6010	12/8/2015	100	Manganese	5.35	mg/L		0.50
MW10	BK32374	SW6010	12/8/2015	100	Sodium	1710	mg/L		10
MW10	BK32374	SW6010	12/8/2015	100	Calcium	249	mg/L		1.0
MW10	BK32374	SW6010	12/8/2015	2	Copper, (Dissolved)		mg/L	U	0.011
MW10	BK32374	SW6010	12/8/2015	2	Zinc, (Dissolved)	0.007	mg/L	J	0.021
MW10	BK32374	SW6010	12/8/2015	2	Aluminum	0.016	mg/L	J	0.020
MW10	BK32374	SW6010	12/8/2015	2	Lead		mg/L	U	0.004
MW10	BK32374	SW6010	12/8/2015	2	Nickel	0.007	mg/L	U	0.008
MW10	BK32374	SW6010	12/8/2015	2	Silver	0.002	mg/L	J	0.010
MW10	BK32374	SW6010	12/8/2015	2	Arsenic - LDL	0.021	mg/L		0.008
MW10	BK32374	SW6010	12/8/2015	2	Barium	0.112	mg/L		0.020
MW10	BK32374	SW6010	12/8/2015	2	Beryllium		mg/L	U	0.002
MW10	BK32374	SW6010	12/8/2015	2	Cadmium		mg/L	U	0.005
MW10	BK32374	SW6010	12/8/2015	2	Chromium		mg/L	U	0.002
MW10	BK32374	SW6010	12/8/2015	2	Cobalt	0.004	mg/L	J	0.010
MW10	BK32374	SW6010	12/8/2015	2	Copper		mg/L	U	0.010
MW10	BK32374	SW6010	12/8/2015	2	Vanadium		mg/L	U	0.020
MW10	BK32374	SW6010	12/8/2015	2	Zinc	0.005	mg/L	J	0.020
MW10	BK32374	SW6010	12/8/2015	1	Nickel, (Dissolved)	0.008	mg/L	J+	0.004
MW10	BK32374	SW7470	12/7/2015	1	Mercury		mg/L	U	0.0002
MW10	BK32374	SW7470	12/7/2015	1	Mercury (Dissolved)		mg/L	U	0.0002



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW10	BK32374	SW8081	12/5/2015	1	Heptachlor epoxide		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	Endosulfan Sulfate		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	Alachlor		ug/L	U	0.075
MW10	BK32374	SW8081	12/5/2015	1	Aldrin		ug/L	U	0.002
MW10	BK32374	SW8081	12/5/2015	1	a-BHC		ug/L	U	0.005
MW10	BK32374	SW8081	12/5/2015	1	b-BHC		ug/L	U	0.005
MW10	BK32374	SW8081	12/5/2015	1	d-BHC		ug/L	U	0.005
MW10	BK32374	SW8081	12/5/2015	1	Endosulfan II		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	4,4' -DDT		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	a-chlordane		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	g-chlordane		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	Endrin ketone		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	Chlordane		ug/L	U	0.050
MW10	BK32374	SW8081	12/5/2015	1	g-BHC (Lindane)		ug/L	U	0.005
MW10	BK32374	SW8081	12/5/2015	1	Dieldrin		ug/L	U	0.002
MW10	BK32374	SW8081	12/5/2015	1	Endrin		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	Methoxychlor		ug/L	U	0.10
MW10	BK32374	SW8081	12/5/2015	1	4,4' -DDD		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	4,4' -DDE		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	Endrin Aldehyde		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	Heptachlor		ug/L	U	0.010
MW10	BK32374	SW8081	12/5/2015	1	Toxaphene		ug/L	U	0.20
MW10	BK32374	SW8081	12/5/2015	1	Endosulfan I		ug/L	U	0.010
MW10	BK32374	SW8082	12/5/2015	1	PCB-1260		ug/L	U	0.050
MW10	BK32374	SW8082	12/5/2015	1	PCB-1254		ug/L	U	0.050
MW10	BK32374	SW8082	12/5/2015	1	PCB-1268		ug/L	U	0.050
MW10	BK32374	SW8082	12/5/2015	1	PCB-1221		ug/L	U	0.050
MW10	BK32374	SW8082	12/5/2015	1	PCB-1232		ug/L	U	0.050
MW10	BK32374	SW8082	12/5/2015	1	PCB-1248		ug/L	U	0.050
MW10	BK32374	SW8082	12/5/2015	1	PCB-1016		ug/L	U	0.050
MW10	BK32374	SW8082	12/5/2015	1	PCB-1262		ug/L	U	0.050
MW10	BK32374	SW8082	12/5/2015	1	PCB-1242		ug/L	U	0.050
MW10	BK32374	SW8260	12/5/2015	1	Ethylbenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Styrene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW10	BK32374	SW8260	12/5/2015	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW10	BK32374	SW8260	12/5/2015	1	n-Propylbenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	n-Butylbenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	4-Chlorotoluene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,4-Dichlorobenzene		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW10	BK32374	SW8260	12/5/2015	1	1,2-Dibromoethane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Acrolein		ug/L	UJ	5.0
MW10	BK32374	SW8260	12/5/2015	1	1,2-Dichloroethane		ug/L	U	0.60
MW10	BK32374	SW8260	12/5/2015	1	Acrylonitrile		ug/L	U	5.0
MW10	BK32374	SW8260	12/5/2015	1	4-Methyl-2-pentanone		ug/L	U	2.5
MW10	BK32374	SW8260	12/5/2015	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Bromobenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Toluene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Chlorobenzene		ug/L	U	5.0
MW10	BK32374	SW8260	12/5/2015	1	Tetrahydrofuran (THF)		ug/L	U	5.0
MW10	BK32374	SW8260	12/5/2015	1	trans-1,4-dichloro-2-butene		ug/L	UJ	2.5
MW10	BK32374	SW8260	12/5/2015	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Dibromochloromethane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Tetrachloroethene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	sec-Butylbenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,3-Dichloropropane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	cis-1,2-Dichloroethene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW10	BK32374	SW8260	12/5/2015	1	Methyl t-butyl ether (MTBE)	0.33	ug/L	J	1.0
MW10	BK32374	SW8260	12/5/2015	1	m&p-Xylene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	2-Isopropyltoluene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Carbon tetrachloride		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,1-Dichloropropene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	2-Hexanone		ug/L	U	2.5
MW10	BK32374	SW8260	12/5/2015	1	2,2-Dichloropropane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Chloroform		ug/L	U	5.0
MW10	BK32374	SW8260	12/5/2015	1	Benzene		ug/L	U	0.70
MW10	BK32374	SW8260	12/5/2015	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW10	BK32374	SW8260	12/5/2015	1	Bromomethane		ug/L	UJ	5.0
MW10	BK32374	SW8260	12/5/2015	1	Chloromethane	1.5	ug/L	J	5.0
MW10	BK32374	SW8260	12/5/2015	1	Dibromomethane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Bromochloromethane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Chloroethane		ug/L	U	5.0
MW10	BK32374	SW8260	12/5/2015	1	Vinyl chloride		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Methylene chloride		ug/L	U	3.0
MW10	BK32374	SW8260	12/5/2015	1	Carbon Disulfide		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Bromoform		ug/L	U	5.0
MW10	BK32374	SW8260	12/5/2015	1	Bromodichloromethane		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW10	BK32374	SW8260	12/5/2015	1	1,1-Dichloroethane		ug/L	U	5.0
MW10	BK32374	SW8260	12/5/2015	1	1,1-Dichloroethene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Trichlorofluoromethane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Dichlorodifluoromethane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,2-Dichloropropane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Methyl ethyl ketone		ug/L	U	2.5
MW10	BK32374	SW8260	12/5/2015	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Trichloroethene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Hexachlorobutadiene		ug/L	U	0.50
MW10	BK32374	SW8260	12/5/2015	1	Naphthalene		ug/L	UJ	1.0
MW10	BK32374	SW8260	12/5/2015	1	o-Xylene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	2-Chlorotoluene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	1.0
MW10	BK32374	SW8260	12/5/2015	1	1,2,3-Trichloropropane		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	tert-Butylbenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Isopropylbenzene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	p-Isopropyltoluene		ug/L	U	1.0
MW10	BK32374	SW8260	12/5/2015	1	Acetone		ug/L	UJ	5.0
MW10	BK32374	SW8270	12/9/2015	1	1,2,4-Trichlorobenzene		ug/L	UJ	5.0
MW10	BK32374	SW8270	12/9/2015	1	1,3-Dichlorobenzene		ug/L	UJ	1.0
MW10	BK32374	SW8270	12/9/2015	1	1,4-Dichlorobenzene		ug/L	UJ	1.0
MW10	BK32374	SW8270	12/9/2015	1	4-Nitroaniline		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	4-Nitrophenol		ug/L	U	1.0
MW10	BK32374	SW8270	12/9/2015	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	4-Chloroaniline		ug/L	U	3.5
MW10	BK32374	SW8270	12/9/2015	1	Phenol		ug/L	U	1.0
MW10	BK32374	SW8270	12/9/2015	1	Di-n-octylphthalate		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Anthracene		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Pyrene		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Dimethylphthalate		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Dibenzofuran		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Fluoranthene		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW10	BK32374	SW8270	12/9/2015	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
MW10	BK32374	SW8270	12/9/2015	1	2,4-Dichlorophenol		ug/L	UJ	1.0
MW10	BK32374	SW8270	12/9/2015	1	4-Chloro-3-methylphenol		ug/L	U	1.0
MW10	BK32374	SW8270	12/9/2015	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Isophorone		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Acenaphthene		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Diethyl phthalate		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Di-n-butylphthalate		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Benzyl butyl phthalate		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	Fluorene		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	2,4,6-Trichlorophenol		ug/L	U	1.0
MW10	BK32374	SW8270	12/9/2015	1	2-Nitroaniline		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	2-Chloronaphthalene		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	2,4-Dimethylphenol		ug/L	UJ	1.0
MW10	BK32374	SW8270	12/9/2015	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
MW10	BK32374	SW8270	12/9/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW10	BK32374	SW8270	12/9/2015	1	2-Chlorophenol		ug/L	U	1.0
MW10	BK32374	SW8270	12/9/2015	1	2,4,5-Trichlorophenol		ug/L	U	1.0
MW10	BK32374	SW8270	12/9/2015	1	Acetophenone		ug/L	U	5.0
MW10	BK32374	SW8270	12/9/2015	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
MW10	BK32374	SW8270	12/9/2015	1	2,4-Dinitrophenol		ug/L	U	1.0
MW10	BK32374	SW8270	12/9/2015	1	2-Methylnaphthalene		ug/L	UJ	5.0
MW10	BK32374	SW8270	12/9/2015	1	2-Nitrophenol		ug/L	UJ	1.0
MW10	BK32374	SW8270	12/9/2015	1	3,3'-Dichlorobenzidine		ug/L	R	5.0
MW10	BK32374	SW8270	12/9/2015	1	3-Nitroaniline		ug/L	UJ	5.0
MW10	BK32374	SW8270	12/9/2015	1	Aniline		ug/L	UJ	3.5
MW10	BK32374	SW8270	12/9/2015	1	Benzidine		ug/L	UJ	4.5
MW10	BK32374	SW8270	12/9/2015	1	Benzoic acid		ug/L	UJ	25
MW10	BK32374	SW8270	12/9/2015	1	Bis(2-chloroethoxy)methane		ug/L	UJ	5.0
MW10	BK32374	SW8270	12/9/2015	1	Bis(2-chloroethyl)ether		ug/L	UJ	1.0
MW10	BK32374	SW8270	12/9/2015	1	Carbazole		ug/L	UJ	25
MW10	BK32374	SW8270	12/9/2015	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW10	BK32374	SW8270	12/9/2015	1	Naphthalene		ug/L	UJ	5.0
MW10	BK32374	SW8270	12/9/2015	1	N-Nitrosodimethylamine		ug/L	UJ	1.0
MW10	BK32374	SW8270	12/9/2015	1	Pyridine		ug/L	UJ	10
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Hexachlorobenzene		ug/L	U	0.02



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Benzo(ghi)perylene		ug/L	U	0.02
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Benzo(b)fluoranthene		ug/L	U	0.02
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Benzo(k)fluoranthene		ug/L	U	0.02
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Acenaphthylene		ug/L	U	0.10
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Chrysene		ug/L	U	0.02
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Benzo(a)pyrene		ug/L	U	0.02
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Dibenz(a,h)anthracene		ug/L	U	0.02
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Benz(a)anthracene		ug/L	U	0.02
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Hexachloroethane		ug/L	UJ	0.50
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Pentachloronitrobenzene		ug/L	U	0.10
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Phenanthrene		ug/L	U	0.10
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Hexachlorobutadiene		ug/L	UJ	0.40
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Pentachlorophenol		ug/L	U	0.80
MW10	BK32374	SW8270C-SIM	12/9/2015	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	0.50
MW10	BK32374	SW8270C-SIM	12/9/2015	1	Nitrobenzene		ug/L	UJ	0.10
MW11D	BK32375	7010	12/9/2015	1	Antimony, (Dissolved)		mg/L	UJ	0.003
MW11D	BK32375	7010	12/8/2015	1	Selenium, (Dissolved)		mg/L	U	0.004
MW11D	BK32375	7010	12/8/2015	1	Thallium , (Dissolved)		mg/L	U	0.0005
MW11D	BK32375	7010	12/8/2015	1	Selenium		mg/L	U	0.002
MW11D	BK32375	7010	12/9/2015	1	Antimony		mg/L	UJ	0.002
MW11D	BK32375	7010	12/9/2015	1	Thallium - LDL		mg/L	U	0.0005
MW11D	BK32375	SW6010	12/8/2015	100	Potassium	34	mg/L	J+	10
MW11D	BK32375	SW6010	12/7/2015	10	Potassium (Dissolved)	36.0	mg/L	J-	1.1
MW11D	BK32375	SW6010	12/8/2015	1	Aluminum (Dissolved)	0.008	mg/L	J	0.011
MW11D	BK32375	SW6010	12/8/2015	1	Lead (Dissolved)		mg/L	U	0.002
MW11D	BK32375	SW6010	12/8/2015	1	Magnesium (Dissolved)	37.7	mg/L		0.01
MW11D	BK32375	SW6010	12/8/2015	1	Manganese, (Dissolved)	0.063	mg/L		0.005
MW11D	BK32375	SW6010	12/8/2015	1	Silver (Dissolved)		mg/L	U	0.005
MW11D	BK32375	SW6010	12/8/2015	1	Arsenic, (Dissolved)	0.005	mg/L		0.003
MW11D	BK32375	SW6010	12/8/2015	1	Barium (Dissolved)	0.020	mg/L		0.011
MW11D	BK32375	SW6010	12/8/2015	1	Beryllium (Dissolved)		mg/L	U	0.001
MW11D	BK32375	SW6010	12/8/2015	1	Cadmium (Dissolved)		mg/L	U	0.004
MW11D	BK32375	SW6010	12/8/2015	1	Chromium (Dissolved)		mg/L	U	0.001
MW11D	BK32375	SW6010	12/8/2015	1	Cobalt, (Dissolved)		mg/L	U	0.005
MW11D	BK32375	SW6010	12/8/2015	1	Vanadium, (Dissolved)	0.002	mg/L	J	0.011
MW11D	BK32375	SW6010	12/8/2015	1	Calcium (Dissolved)	28.4	mg/L		0.01
MW11D	BK32375	SW6010	12/8/2015	100	Sodium (Dissolved)	719	mg/L		11
MW11D	BK32375	SW6010	12/8/2015	100	Magnesium	40.2	mg/L		1.0
MW11D	BK32375	SW6010	12/8/2015	100	Sodium	736	mg/L		10



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW11D	BK32375	SW6010	12/8/2015	2	Iron, (Dissolved)	0.02	mg/L		0.02
MW11D	BK32375	SW6010	12/8/2015	2	Copper, (Dissolved)		mg/L	U	0.011
MW11D	BK32375	SW6010	12/8/2015	2	Zinc, (Dissolved)	0.004	mg/L	J	0.021
MW11D	BK32375	SW6010	12/8/2015	2	Aluminum	3.06	mg/L		0.020
MW11D	BK32375	SW6010	12/8/2015	2	Iron	6.67	mg/L		0.02
MW11D	BK32375	SW6010	12/8/2015	2	Lead	0.047	mg/L		0.004
MW11D	BK32375	SW6010	12/8/2015	2	Manganese	0.135	mg/L		0.010
MW11D	BK32375	SW6010	12/8/2015	2	Nickel	0.010	mg/L	U	0.008
MW11D	BK32375	SW6010	12/8/2015	2	Silver		mg/L	U	0.010
MW11D	BK32375	SW6010	12/8/2015	2	Arsenic - LDL	0.004	mg/L	J	0.008
MW11D	BK32375	SW6010	12/8/2015	2	Barium	0.056	mg/L		0.020
MW11D	BK32375	SW6010	12/8/2015	2	Beryllium		mg/L	U	0.002
MW11D	BK32375	SW6010	12/8/2015	2	Cadmium		mg/L	U	0.005
MW11D	BK32375	SW6010	12/8/2015	2	Chromium	0.018	mg/L		0.002
MW11D	BK32375	SW6010	12/8/2015	2	Cobalt	0.003	mg/L	J	0.010
MW11D	BK32375	SW6010	12/8/2015	2	Copper	0.028	mg/L		0.010
MW11D	BK32375	SW6010	12/8/2015	2	Vanadium	0.007	mg/L	J	0.020
MW11D	BK32375	SW6010	12/8/2015	2	Zinc	0.038	mg/L		0.020
MW11D	BK32375	SW6010	12/8/2015	2	Calcium	36.0	mg/L		0.020
MW11D	BK32375	SW6010	12/8/2015	1	Nickel, (Dissolved)	0.002	mg/L	J+	0.004
MW11D	BK32375	SW7470	12/7/2015	1	Mercury (Dissolved)		mg/L	U	0.0002
MW11D	BK32375	SW7470	12/8/2015	1	Mercury		mg/L	U	0.0002
MW11D	BK32375	SW8081	12/5/2015	1	Heptachlor epoxide		ug/L	U	0.010
MW11D	BK32375	SW8081	12/5/2015	1	Endosulfan Sulfate		ug/L	U	0.010
MW11D	BK32375	SW8081	12/5/2015	1	Alachlor		ug/L	U	0.075
MW11D	BK32375	SW8081	12/5/2015	1	Aldrin		ug/L	U	0.002
MW11D	BK32375	SW8081	12/5/2015	1	a-BHC		ug/L	U	0.005
MW11D	BK32375	SW8081	12/5/2015	1	b-BHC		ug/L	U	0.005
MW11D	BK32375	SW8081	12/5/2015	1	d-BHC		ug/L	U	0.005
MW11D	BK32375	SW8081	12/5/2015	1	Endosulfan II		ug/L	U	0.010
MW11D	BK32375	SW8081	12/5/2015	1	4,4' -DDT		ug/L	U	0.010
MW11D	BK32375	SW8081	12/5/2015	1	a-chlordane		ug/L	U	0.010
MW11D	BK32375	SW8081	12/5/2015	1	g-chlordane		ug/L	U	0.010
MW11D	BK32375	SW8081	12/5/2015	1	Endrin ketone		ug/L	U	0.010
MW11D	BK32375	SW8081	12/5/2015	1	Chlordane		ug/L	U	0.050
MW11D	BK32375	SW8081	12/5/2015	1	g-BHC (Lindane)		ug/L	U	0.005
MW11D	BK32375	SW8081	12/5/2015	1	Dieldrin		ug/L	U	0.002
MW11D	BK32375	SW8081	12/5/2015	1	Endrin		ug/L	U	0.010
MW11D	BK32375	SW8081	12/5/2015	1	Methoxychlor		ug/L	U	0.10
MW11D	BK32375	SW8081	12/5/2015	1	4,4' -DDD		ug/L	U	0.010



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW11D	BK32375	SW8081	12/5/2015	1	4,4' -DDE		ug/L	U	0.010
MW11D	BK32375	SW8081	12/5/2015	1	Endrin Aldehyde		ug/L	U	0.010
MW11D	BK32375	SW8081	12/5/2015	1	Heptachlor		ug/L	U	0.010
MW11D	BK32375	SW8081	12/5/2015	1	Toxaphene		ug/L	U	0.25
MW11D	BK32375	SW8081	12/5/2015	1	Endosulfan I		ug/L	U	0.010
MW11D	BK32375	SW8082	12/5/2015	1	PCB-1260		ug/L	U	0.050
MW11D	BK32375	SW8082	12/5/2015	1	PCB-1254		ug/L	U	0.050
MW11D	BK32375	SW8082	12/5/2015	1	PCB-1268		ug/L	U	0.050
MW11D	BK32375	SW8082	12/5/2015	1	PCB-1221		ug/L	U	0.050
MW11D	BK32375	SW8082	12/5/2015	1	PCB-1232		ug/L	U	0.050
MW11D	BK32375	SW8082	12/5/2015	1	PCB-1248		ug/L	U	0.050
MW11D	BK32375	SW8082	12/5/2015	1	PCB-1016		ug/L	U	0.050
MW11D	BK32375	SW8082	12/5/2015	1	PCB-1262		ug/L	U	0.050
MW11D	BK32375	SW8082	12/5/2015	1	PCB-1242		ug/L	U	0.050
MW11D	BK32375	SW8260	12/5/2015	1	Ethylbenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Styrene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	cis-1,3-Dichloropropene		ug/L	U	0.40
MW11D	BK32375	SW8260	12/5/2015	1	trans-1,3-Dichloropropene		ug/L	U	0.40
MW11D	BK32375	SW8260	12/5/2015	1	n-Propylbenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	n-Butylbenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	4-Chlorotoluene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,4-Dichlorobenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,2-Dibromoethane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Acrolein		ug/L	UJ	5.0
MW11D	BK32375	SW8260	12/5/2015	1	1,2-Dichloroethane		ug/L	U	0.60
MW11D	BK32375	SW8260	12/5/2015	1	Acrylonitrile		ug/L	U	5.0
MW11D	BK32375	SW8260	12/5/2015	1	4-Methyl-2-pentanone		ug/L	U	2.5
MW11D	BK32375	SW8260	12/5/2015	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Bromobenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Toluene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Chlorobenzene		ug/L	U	5.0
MW11D	BK32375	SW8260	12/5/2015	1	Tetrahydrofuran (THF)		ug/L	U	5.0
MW11D	BK32375	SW8260	12/5/2015	1	trans-1,4-dichloro-2-butene		ug/L	UJ	2.5
MW11D	BK32375	SW8260	12/5/2015	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Dibromochloromethane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Tetrachloroethene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	sec-Butylbenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,3-Dichloropropane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	cis-1,2-Dichloroethene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	trans-1,2-Dichloroethene		ug/L	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW11D	BK32375	SW8260	12/5/2015	1	Methyl t-butyl ether (MTBE)	14	ug/L		1.0
MW11D	BK32375	SW8260	12/5/2015	1	m&p-Xylene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	2-Isopropyltoluene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,3-Dichlorobenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Carbon tetrachloride		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,1-Dichloropropene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	2-Hexanone		ug/L	U	2.5
MW11D	BK32375	SW8260	12/5/2015	1	2,2-Dichloropropane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Chloroform		ug/L	U	5.0
MW11D	BK32375	SW8260	12/5/2015	1	Benzene		ug/L	U	0.70
MW11D	BK32375	SW8260	12/5/2015	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW11D	BK32375	SW8260	12/5/2015	1	Bromomethane		ug/L	UJ	5.0
MW11D	BK32375	SW8260	12/5/2015	1	Chloromethane	0.30	ug/L	J	5.0
MW11D	BK32375	SW8260	12/5/2015	1	Dibromomethane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Bromochloromethane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Chloroethane		ug/L	U	5.0
MW11D	BK32375	SW8260	12/5/2015	1	Vinyl chloride		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Methylene chloride		ug/L	U	3.0
MW11D	BK32375	SW8260	12/5/2015	1	Carbon Disulfide		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Bromoform		ug/L	U	5.0
MW11D	BK32375	SW8260	12/5/2015	1	Bromodichloromethane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,1-Dichloroethane		ug/L	U	5.0
MW11D	BK32375	SW8260	12/5/2015	1	1,1-Dichloroethene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Trichlorofluoromethane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Dichlorodifluoromethane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,2-Dichloropropane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Methyl ethyl ketone		ug/L	U	2.5
MW11D	BK32375	SW8260	12/5/2015	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Trichloroethene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Hexachlorobutadiene		ug/L	U	0.50
MW11D	BK32375	SW8260	12/5/2015	1	Naphthalene		ug/L	UJ	1.0
MW11D	BK32375	SW8260	12/5/2015	1	o-Xylene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	2-Chlorotoluene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW11D	BK32375	SW8260	12/5/2015	1	1,2,3-Trichloropropane		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	tert-Butylbenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Isopropylbenzene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	p-Isopropyltoluene		ug/L	U	1.0
MW11D	BK32375	SW8260	12/5/2015	1	Acetone	3.0	ug/L	UJ	5.0
MW11D	BK32375	SW8270	12/9/2015	1	1,2,4-Trichlorobenzene		ug/L	UJ	5.0
MW11D	BK32375	SW8270	12/9/2015	1	1,3-Dichlorobenzene		ug/L	UJ	1.0
MW11D	BK32375	SW8270	12/9/2015	1	1,4-Dichlorobenzene		ug/L	UJ	1.0
MW11D	BK32375	SW8270	12/9/2015	1	2,4-Dichlorophenol		ug/L	UJ	1.0
MW11D	BK32375	SW8270	12/9/2015	1	2,4-Dimethylphenol		ug/L	UJ	1.0
MW11D	BK32375	SW8270	12/9/2015	1	4-Nitroaniline		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	4-Nitrophenol		ug/L	U	1.0
MW11D	BK32375	SW8270	12/9/2015	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	4-Chloroaniline		ug/L	U	3.5
MW11D	BK32375	SW8270	12/9/2015	1	Phenol		ug/L	U	1.0
MW11D	BK32375	SW8270	12/9/2015	1	Di-n-octylphthalate		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Anthracene		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Pyrene		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Dimethylphthalate		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Dibenzofuran		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Fluoranthene		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Bis(2-chloroisopropyl)ether		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	2,4-Dinitrophenol		ug/L	U	1.0
MW11D	BK32375	SW8270	12/9/2015	1	4,6-Dinitro-2-methylphenol		ug/L	U	1.0
MW11D	BK32375	SW8270	12/9/2015	1	4-Chloro-3-methylphenol		ug/L	U	1.0
MW11D	BK32375	SW8270	12/9/2015	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Isophorone		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Acenaphthene		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Diethyl phthalate		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Di-n-butylphthalate		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Benzyl butyl phthalate		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	N-Nitrosodiphenylamine		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Fluorene		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	2,4,6-Trichlorophenol		ug/L	U	1.0
MW11D	BK32375	SW8270	12/9/2015	1	2-Nitroaniline		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	2-Methylnaphthalene		ug/L	UJ	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW11D	BK32375	SW8270	12/9/2015	1	2-Chloronaphthalene		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	2-Methylphenol (o-cresol)		ug/L	U	1.0
MW11D	BK32375	SW8270	12/9/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW11D	BK32375	SW8270	12/9/2015	1	2-Chlorophenol		ug/L	U	1.0
MW11D	BK32375	SW8270	12/9/2015	1	2,4,5-Trichlorophenol		ug/L	U	1.0
MW11D	BK32375	SW8270	12/9/2015	1	Acetophenone		ug/L	U	5.0
MW11D	BK32375	SW8270	12/9/2015	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	1.0
MW11D	BK32375	SW8270	12/9/2015	1	2-Nitrophenol		ug/L	UJ	1.0
MW11D	BK32375	SW8270	12/9/2015	1	3,3'-Dichlorobenzidine		ug/L	R	5.0
MW11D	BK32375	SW8270	12/9/2015	1	3-Nitroaniline		ug/L	UJ	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Aniline		ug/L	UJ	3.5
MW11D	BK32375	SW8270	12/9/2015	1	Benzidine		ug/L	UJ	4.5
MW11D	BK32375	SW8270	12/9/2015	1	Benzoic acid		ug/L	UJ	25
MW11D	BK32375	SW8270	12/9/2015	1	Bis(2-chloroethoxy)methane		ug/L	UJ	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Bis(2-chloroethyl)ether		ug/L	UJ	1.0
MW11D	BK32375	SW8270	12/9/2015	1	Carbazole		ug/L	UJ	25
MW11D	BK32375	SW8270	12/9/2015	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW11D	BK32375	SW8270	12/9/2015	1	Naphthalene		ug/L	UJ	5.0
MW11D	BK32375	SW8270	12/9/2015	1	N-Nitrosodimethylamine		ug/L	UJ	1.0
MW11D	BK32375	SW8270	12/9/2015	1	Pyridine		ug/L	UJ	10
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Bis(2-ethylhexyl)phthalate		ug/L	U	1.0
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Hexachlorobenzene		ug/L	U	0.02
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Benzo(ghi)perylene		ug/L	U	0.02
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.02
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Benzo(b)fluoranthene		ug/L	U	0.02
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Benzo(k)fluoranthene		ug/L	U	0.02
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Acenaphthylene		ug/L	UJ	0.10
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Chrysene		ug/L	U	0.02
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Benzo(a)pyrene		ug/L	U	0.02
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Dibenz(a,h)anthracene		ug/L	U	0.02
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Benz(a)anthracene		ug/L	U	0.02
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Hexachloroethane		ug/L	UJ	0.50
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Pentachloronitrobenzene		ug/L	U	0.10
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Phenanthrene		ug/L	U	0.10
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Hexachlorobutadiene		ug/L	UJ	0.40
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Pentachlorophenol		ug/L	U	0.80
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	1,2,4,5-Tetrachlorobenzene		ug/L	UJ	0.50
MW11D	BK32375	SW8270C-SIM	12/9/2015	1	Nitrobenzene		ug/L	UJ	0.10
BK32376-TB	BK32376	SW8260	12/5/2015	1	Ethylbenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Styrene		ug/L	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BK32376-TB	BK32376	SW8260	12/5/2015	1	cis-1,3-Dichloropropene		ug/L	U	0.40
BK32376-TB	BK32376	SW8260	12/5/2015	1	trans-1,3-Dichloropropene		ug/L	U	0.40
BK32376-TB	BK32376	SW8260	12/5/2015	1	n-Propylbenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	n-Butylbenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	4-Chlorotoluene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,4-Dichlorobenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,2-Dibromoethane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Acrolein		ug/L	UJ	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,2-Dichloroethane		ug/L	U	0.60
BK32376-TB	BK32376	SW8260	12/5/2015	1	Acrylonitrile		ug/L	U	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	4-Methyl-2-pentanone		ug/L	U	2.5
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Bromobenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Toluene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Chlorobenzene		ug/L	U	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Tetrahydrofuran (THF)		ug/L	U	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	trans-1,4-dichloro-2-butene		ug/L	UJ	2.5
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Dibromochloromethane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Tetrachloroethene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	sec-Butylbenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,3-Dichloropropane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	cis-1,2-Dichloroethene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	trans-1,2-Dichloroethene		ug/L	U	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	m&p-Xylene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	2-Isopropyltoluene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,3-Dichlorobenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Carbon tetrachloride		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,1-Dichloropropene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	2-Hexanone		ug/L	U	2.5
BK32376-TB	BK32376	SW8260	12/5/2015	1	2,2-Dichloropropane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Chloroform		ug/L	U	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Benzene		ug/L	U	0.70
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,1,1-Trichloroethane		ug/L	U	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Bromomethane		ug/L	UJ	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Chloromethane		ug/L	U	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Dibromomethane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Bromochloromethane		ug/L	U	1.0



2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK32367

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BK32376-TB	BK32376	SW8260	12/5/2015	1	Chloroethane		ug/L	U	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Vinyl chloride		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Methylene chloride		ug/L	U	3.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Carbon Disulfide		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Bromoform		ug/L	U	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Bromodichloromethane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,1-Dichloroethane		ug/L	U	5.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,1-Dichloroethene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Trichlorofluoromethane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Dichlorodifluoromethane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Trichlorotrifluoroethane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,2-Dichloropropane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Methyl ethyl ketone		ug/L	U	2.5
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,1,2-Trichloroethane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Trichloroethene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Hexachlorobutadiene		ug/L	U	0.50
BK32376-TB	BK32376	SW8260	12/5/2015	1	Naphthalene		ug/L	UJ	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	o-Xylene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	2-Chlorotoluene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,2-Dichlorobenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,2-Dibromo-3-chloropropane		ug/L	UJ	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	1,2,3-Trichloropropane		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	tert-Butylbenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Isopropylbenzene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	p-Isopropyltoluene		ug/L	U	1.0
BK32376-TB	BK32376	SW8260	12/5/2015	1	Acetone	4.8	ug/L	J	5.0

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32362
Client: Environmental Business Consultants
Date: 02/03/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for four (4) 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 12/01/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
MW 3	BK32362	12/01/15	SVO	Water	
MW13D	BK32363	12/01/15	SVO	Water	
MW12D	BK32364	12/01/15	SVO	Water	
DUPLICATE	BK32365	12/01/15	SVO	Water	Field Duplicate to sample MW13D

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 (CHEM04)-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 12/04/2015 (CHEM19)-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 12/08/2015 (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.

Continuing Calibration Verification (CCV):

- CCV analyzed on 12/09/2014 @ 08:15 (CHEM04)-SIM scan exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.
- CCV analyzed on 12/09/2015 @ 19:17 (CHEM04)-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.
- CCV analyzed on 12/09/2015 @ 09:50 (CHEM19)-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
N-Nitrosodimethylamine	43.2
Pyridine	39.4

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 3	BK32362	N-Nitrosodimethylamine, Pyridine	UJ
MW13D	BK32363	N-Nitrosodimethylamine, Pyridine	UJ
MW12D	BK32364	N-Nitrosodimethylamine, Pyridine	UJ
DUPLICATE	BK32365	N-Nitrosodimethylamine, Pyridine	UJ

- CCV analyzed on 12/09/2015 @ 18:01 (CHEM19)-Full scan exhibited acceptable %Ds ($\leq 50.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 50.0\%$. No qualifications were required.
- CCV analyzed on 12/09/2015 @ 08:15 (CHEM07)-SIM scan exhibited acceptable %Ds ($\leq 40.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 25.0\%$. No qualifications were required.
- CCV analyzed on 12/09/2015 @ 19:35 (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. No qualifications were required.
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
MW13D	2,4,6-tribromophenol	116	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	None
MW 12D	2,4,6-tribromophenol	114	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	None
DUPLICATE	2,4,6-tribromophenol	113	Hexachlorobenzene Pentachlorophenol Pentachloronitrobenzene Phenanthrene	None

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 (BK32364 BLANK)-full Scan associated with the water samples extracted on 12/07/2015 and analyzed on 12/09/2015 was free of contamination. No qualifications were required.
2. Method Blank (BK32364 BLANK)-SIM Scan associated with the water samples extracted on 12/07/2015 and analyzed on 12/09/2015 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: BK32364-SIM were analyzed on 12/09/2015. 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/29.2	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
Nitrobenzene	A/A/23.5	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
Hexachlorobutadiene	A/A/24.3	MW 3, MW 13D, MW 12D, DUPLICATE	UJ

A=Acceptable

2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK32364 were analyzed on 12/09/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Pyridine	17/A/25.6	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
N-Nitrosodimethylamine	A/A/32.0	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
Bis(2-chloroethyl)ether	A/A/23.3	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
Aniline	A/A/23.3	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
1,3-Dichlorobenzene	A/A/21.2	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
1,4-Dichlorobenzene	A/A/21.2	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
2-Nitrophenol	A/A/26.6	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
2,4-Dimethylphenol	A/A/23.8	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
Bis(2-chloroethoxy)methane	A/14/134.1	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
Benzoic Acid	A/A/38.0	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
2,4-Dichlorophenol	A/A/20.2	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
1,2,4-Trichlorobenzene	A/A/29.6	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
Naphthalene	A/A/28.6	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
2-Methylnaphthalene	A/A/23.6	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
Hexachlorocyclopentadiene	A/A/25.5	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
3-Nitroaniline	A/A/31.4	MW 3, MW 13D, MW 12D,	UJ

Compound	%R/%R/RPD	Sample Affected	Action
		DUPLICATE	
2,4-Dinitrophenol	A/127/A	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
Carbazole	A/A/47.7	MW 3, MW 13D, MW 12D, DUPLICATE	UJ
Benzidine	A/0/NC	MW 3, MW 13D, MW 12D, DUPLICATE	R ⁽¹⁾
3,3'-Dichlorobenzidine	A/13/120	MW 12D MW 3, MW 13D, DUPLICATE	R ⁽²⁾ UJ

(1) Results for this compound were previously qualified due to low LCS/LCSD %R.

(2) Results for this compound were previously qualified due to low MS/MSD %R.

A=Acceptable

Field Duplicate:

1. Sample DUPLICATE (BK32365) was collected as a field duplicate of sample MW13D (BK32363). Both sample results were non-detect. No qualifications were required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) was performed on sample MW12D (BK32364). All %RECs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Action
Hexachloroethane	A/A/33.8	UJ
Nitrobenzene	A/A/22.9	UJ
Hexachlorobutadiene	A/A/30.3	UJ
1,2,4,5-Tetrachlorobenzene	A/A/22.0	UJ
Acenaphthylene	A/129/27.3	UJ
Hexachlorobenzene	A130/20.3	UJ
Pentachlorophenol	121/153/23.4	UJ
Pentachloronitrobenzene	A/122/A	None
Phenanthrene	A/123/24.7	UJ
Bis(2-ethylhexyl)phthalate	132/129/A	None
Benz(a)anthracene	A/123/26.7	UJ
Chrysene	A/124/27.5	UJ
Benzo(k)fluoranthene	A/124/28.6	UJ
Benzo(a)pyrene	A/A/30.6	UJ
3-Nitroaniline	A/A/22.0	UJ
2,4-Dinitrophenol	126/A/A	None

Compound	%R/%R/RPD	Action
Benzidine	0/0/NC	R
3,3'-Dichlorobenzidine	6/0/NC	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. 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: BK32364 LCS

2,4-Dimethylphenol

Initial Volume: 1000ml

Final volume: 1ml

Volume injected: 1 μ l

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{342794 \times 40 \times 1\text{ml} \times 1 \times 1000}{1143693 \times 0.323 \times 1\mu\text{l} \times 1000\text{ml}} = 37.0\mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
2,4-Dimethylphenol	37.07	37.07	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: GBK32362.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32362.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32362
Client: Environmental Business Consultants
Date: 02/03/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for four (4) water samples and one (1) 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 12/01/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
MW 3	BK32362	12/01/15	VOA	Water	
MW13D	BK32363	12/01/15	VOA	Water	
MW12D	BK32364	12/01/15	VOA	Water	
DUPLICATE	BK32365	12/01/15	VOA	Water	Field Duplicate to sample MW13D
Trip Blank	BK32366	12/01/15	VOA	Water	Trip Blank

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All water samples were analyzed within 14 days from sample collection. No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 12/04/2015 (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	0.023	A
Acetone	0.038	A
Tetrahydrofuran	0.040	A
1,2-Dibromo-3-Chloropropane	0.026	21.0

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 3 DL	BK32362	None	None
MW12D	BK32364	Acrolein, Acetone, Tetrahydrofuran, 1,2-Dibromo-3-Chloropropane	UJ
DUPLICATE	BK32365	Acrolein, Acetone, Tetrahydrofuran, 1,2-Dibromo-3-Chloropropane	UJ

2. Initial calibration curve analyzed on 12/05/2015 (Chem17) 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
Acetone	A	25.9
1,2-Dibromo-3-Chloropropane	0.035	A
Naphthalene	A	31.6

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 3	BK32362	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	UJ
MW13D	BK32363	Acetone 1,2-Dibromo-3-Chloropropane, Naphthalene	J UJ
MW12D DL	BK32364	None	None
Trip Blank	BK32366	Acetone, 1,2-Dibromo-3-Chloropropane, Naphthalene	UJ

Continuing Calibration Verification (CCV):

1. CCV analyzed on 12/07/2015 @ 20:09 (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.
2. CCV analyzed on 12/08/2015 @ 01:14 (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
Bromomethane	35.0

Compound	%D
Methylene Chloride	-21.0
Acetone	-22.3
Tetrahydrofuran	-30.0
Methyl Ethyl Ketone	-24.2
4-Methyl-2-Pentanone	-22.8
Hexachlorobutadiene	-26.9

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 3 DL	BK32362	None	None
MW12D	BK32364	Bromomethane, Methylene Chloride, Acetone Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, Hexachlorobutadiene	UJ
DUPLICATE	BK32365	Bromomethane, Methylene Chloride, Acetone Tetrahydrofuran, Methyl Ethyl Ketone, 4-Methyl-2-Pentanone, Hexachlorobutadiene	UJ

3. CCV analyzed on 12/05/2015 @ 12:27 (CHEM17) 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
Acrolein	35.6

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 3 DL	BK32362	None	None
MW13D	BK32363	Acrolein	UJ
Trip Blank	BK32366	Acrolein	UJ

4. CCV analyzed on 12/05/2015 @ 21:54 (CHEM17) 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
Bromomethane	27.4
Acrolein	35.6
Trans-1,4-Dichloro-2-butene	37.1
Naphthalene	-41.1

Client Sample ID	Laboratory Sample ID	Compound	Action
MW 3 DL	BK32362	None	None
MW13D	BK32363	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	UJ
Trip Blank	BK32366	Bromomethane, Acrolein, Trans-1,4-Dichloro-2-butene, Naphthalene	J UJ

5. CCV analyzed on 12/06/2015 @ 16:36 (CHEM17) 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
Acrolein	35.6

Client Sample ID	Laboratory Sample ID	Compound	Action
MW12D DL	BK32364	None	None

6. CCV analyzed on 12/07/2015 @ 01:51 (CHEM17) 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
Acrolein	33.7
Trans-1,4-Dichloro-2-butene	25.8

Client Sample ID	Laboratory Sample ID	Compound	Action
MW12D DL	BK32364	None	None

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 BK32364) was analyzed on 12/07/2015 was free of contamination. No qualifications were required.
2. Method Blank (BLANK BK32376) was analyzed on 12/05/2015 was free of contamination. No qualifications were required.
3. Method Blank (BLANK BK32999) was analyzed on 12/06/2015 was free of contamination. No qualifications were required.
4. TRIP BLANK (BK32366) associated with this SDG was analyzed on 12/05/2015 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: BK32364 were analyzed on 12/07/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Trichlorotrifluoroethane	A/69/A	MW 3 DL MW 12D DUPLICATE	None UJ UJ

A= Acceptable

- (1) Results for this compound were previously qualified due to CCV criteria.
2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BK32376 were analyzed on 12/05/2015. 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: BK32999 were analyzed on 12/06/2015. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acrolein	52/A/32.3	MW 12D DL	None
Acetone	63/A/32.0	MW 12D DL	None
Methyl t-Butyl Ether	A/A/37.4	MW 12D DL	J

Compound	%R/%R/RPD	Sample Affected	Action
Tetrahydrofuran	66/A/38.0	MW 12D DL	None
Methyl Ethyl Ketone	60/A/42.1	MW 12D DL	None
4-Methyl-2-Pentanone	61/A/42.6	MW 12D DL	None

A= Acceptable

Field Duplicate:

1. Sample DUPLICATE (BK32365) was collected as a field duplicate of sample MW13D (BK32363). All RPDs were < 30%. No qualifications were required.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
MW 13D	Acetone	SW-846 8260	3.3	µg/L	Duplicate	ND	µg/L	NC	None
MW 13D	Bromomethane	SW-846 8260	0.67	µg/L	Duplicate	ND	µg/L	NC	None
MW 13D	Chloromethane	SW-846 8260	16	µg/L	Duplicate	15	µg/L	6.5	None
MW 13D	Tert-Butyl Methyl Ether	SW-846 8260	5.1	µg/L	Duplicate	5.1	µg/L	0	None

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 with the following exception(s):

Compound	%R/%R/RPD	Action
Chloromethane	263/177/39.1	J
Bromomethane	69/A/A	UJ ⁽¹⁾
Methylene Chloride	133/140/A	None
Acetone	151/173/A	None
Tetrahydrofuran	132/141/A	None
Methyl Ethyl Ketone	A/142/A	None
4-Methyl-2-Pentanone	A/142/A	None

A= Acceptable

(1) Results for this compound were previously qualified due to CCV criteria.

Target Compound Identification:

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

2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range. No qualifications were required.
2. 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.

MW13D (BK32363)

Chloromethane

Sample Volume= 25ml

Volume purged=25ml

DF = 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{219410 \times 25 \times 10 \times 1}{146658 \times 0.959 \times 25} = 15.6\mu\text{g/L}$$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Chloromethane	16	16	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: GBK32362.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32362.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32362
Client: Environmental Business Consultants
Date: 02/03/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for four (4) 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 12/01/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
MW 3	BK32362	12/01/15	Pesticides	Water	
MW13D	BK32363	12/01/15	Pesticides	Water	
MW12D	BK32364	12/01/15	Pesticides	Water	
DUPLICATE	BK32365	12/01/15	Pesticides	Water	Field Duplicate to sample MW13D

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All water samples were extracted within 7 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/ECD Instrument Performance Check:

1. 4,4'-DDT and Endrin breakdown exhibited acceptable results ($\pm 20\%$). No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 11/17/2015 (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 12/05/2015 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 (BK32364) associated with the water samples extracted on 12/04/2015 and analyzed on 12/05/2015 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: BK32364 were analyzed on 12/05/2015. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample DUPLICATE (BK32365) was collected as a field duplicate of sample MW13D (BK32363). 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:

BK32364 LCS

4,4'-DDD

On Column concentration (B)= 37.5729ng

Sample Volume= 1000ml
DF = 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{37.5729\text{ng} \times 5\text{ml}}{1000} = 0.1879\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
4,4'-DDD	0.188	0.188	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: GBK32362.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32362.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32362
Client: Environmental Business Consultants
Date: 02/04/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for four (4) 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 12/01/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
MW 3	BK32362	12/01/15	PCBs	Water	
MW13D	BK32363	12/01/15	PCBs	Water	
MW12D	BK32364	12/01/15	PCBs	Water	
DUPLICATE	BK32365	12/01/15	PCBs	Water	Field Duplicate to sample MW13D

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 12/03/2014 (ECD1) 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 (BK32364 BL) associated with the water samples extracted on 12/04/2015 and analyzed on 12/05/2015 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: BK32364 were analyzed on 12/05/2015. All %RECs and RPDs were within the laboratory control limits (50% - 150% [30%-150% for surrogates]). No qualifications were required.

Field Duplicate:

1. Sample DUPLICATE (BK32365) was collected as a field duplicate of sample MW13D (BK32363). 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:

BK32364 LCS

Aroclor-1260

On Column concentration (B)= 433.745ng

Sample Volume= 1000ml

DF= 1

Vi= 5ml

$$\text{Concentration } (\mu\text{g/L}) = \frac{433.745\text{ng} \times 5\text{ml} \times 1}{1000} = 2.169\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
Aroclor-1260	2.17	2.17	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: GBK32362.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32362.

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32362
Client: Environmental Business Consultants
Date: 02/04/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for four (4) 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 12/01/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
MW 3*	BK32362	12/01/15	ICP, GFAA and CVAA	Water	
MW 13D*	BK32363	12/01/15	ICP, GFAA and CVAA	Water	
MW 12D*	BK32364	12/01/15	ICP, GFAA and CVAA	Water	
DUPLICATE*	BK32365	12/01/15	ICP, GFAA and CVAA	Water	Field Duplicate to sample MW 13D

*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
Potassium	12/08/15: 21:11	112.0	None	None
Potassium	12/08/15:	118.2	MW 3, MW 13D, Duplicate	J+

Analyte	Date Analyzed	%R	Sample Affected	Action
	21:46			
Potassium	12/08/15: 22:20	125.9	MW 12D	J+

2. All %RECs in the ICV and CCVs were within QC limits (90-110%) for dissolved samples with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Potassium	12/07/15: 23:38	88.0	MW 3, MW 13D, MW 12D, DUPLICATE	J-

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
Iron	12/08/15: 16:44; 19:58	136.0	A	MW 3, MW 12D, MW 13D, Duplicate	J+
Nickel	12/08/15: 16:44; 19:58	162.4	188.6	MW 12D MW 3, Duplicate, MW 13D	J+ None
Sodium	12/08/15: 22:42	350.0	-	None	None
Antimony	12/09/15: 10:14	47.9	-	MW 3, MW 13D, Duplicate, MW 12D	UJ
Thallium	12/09/15: 9:52	136	-	MW 3, MW 13D, Duplicate	None

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
Copper	12/07/2015: 21:00; 22:28	64.6	66.4	None	None
Copper	12/8/2015: 0:12	53.8	-	None	None
Zinc	12/07/2015: 21:00; 22:28	228.4	141.2	None	None
Nickel	12/8/2015: 0:12	381.0	-	MW 3, MW 13D, MW 12D, Duplicate	None
Iron	12/08/2015: 16:44; 19:58	136.0	A	None	None
Antimony	12/09/2015: 10:14	47.9	-	MW 3, MW 13D, MW 12D, Duplicate	UJ

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 (dissolved)	12/08/15: 0:15; 0:26	121.2	None	None

Blanks (Method Blank, ICB and CCB):

ICP-AES and GFAA:

Total:

1. Method Blank-Water (total) (BK32984BLK) (furnace) digested on 12/04/2015 was free of contamination. No qualifications were required.
2. Method Blank-Water (total) (BK32364BLK) (furnace) digested on 12/07/2015 was free of contamination. No qualifications were required.
3. Method Blank-Water (total) (BK32364 BLK) (ICP) digested on 12/04/2015 was free of contamination. No qualifications were required.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Nickel	2	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.

4. Method Blank-Water (total) (BK31989 BLK) (ICP) digested on 12/04/2015 was free of contamination. No qualifications were required.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Nickel	3	4	MW 13D, MW 12D MW 3, Duplicate	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.

5. Method Blank-Water (total) (BK328811 BLK) (ICP) digested on 12/07/2015 was free of contamination. No qualifications were required.

6. ICBs and CCBs (total) analyzed on 12/07/2015.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Nickel	2	4	MW 3, MW 13D, Duplicate MW 12D	U None
Nickel	4	4	None	None
Nickel	3	4	None	None
Nickel	5	4	None	None
Nickel	2	4	None	None
Nickel	3	4	MW 3, MW 13D, Duplicate	None
Arsenic	1	4	None	None
Arsenic	1	4	None	None
Copper	2	5	None	None
Magnesium	4	10	None	None
Magnesium	1	10	None	None
Magnesium	3	10	None	None
Sodium	762	100	None	None
Sodium	1320	100	None	None
Sodium	1590	100	None	None

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.

Dissolved:

1. Method Blank-Water (dissolved) (BK32364 BLK) (furnace) digested on 12/04/2015 was free of contamination. No qualifications were required.
2. Method Blank-Water (dissolved) (BK32364 BLK) (ICP) digested on 12/04/2015 was free of contamination. No qualifications were required.
3. ICBs and CCBs (dissolved) analyzed on 12/07/2015.

Element	Concentration (µg/L)	CRQL* (µg/L)	Sample Affected	Action
Zinc	2.4	10	None	None
Zinc	6.7	10	None	None
Zinc	6.8	10	None	None
Magnesium	15	10	MW13D, Duplicate	None
Sodium	97	100	None	None

*= If sample concentration >MDL but < Reporting limit, then sample result qualified as non-

detect (U). If sample concentration greater than CRQL but less than 10x the blank result, then qualify estimated (J). If sample concentration greater than 10x the blank results or sample was not detected then no qualifications or action is required.

Mercury:

Dissolved:

1. All ICB and CCBs were free of contamination. No qualifications were required.
2. Method Blank-Water (dissolved) (BK32364 BLK) digested on 12/07/2015 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) (BK32364 BLK) digested on 12/07/2015 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 12/07/2015. 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 DUPLICATE (BK32365) was collected as a field duplicate of sample MW 13D (BK32363). 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
MW 13D	Barium	SW8466010B	0.020	mg/L	DUPLICATE	0.020	mg/L	(0)	None
MW 13D	Calcium	SW8466010B	35.1	mg/L	DUPLICATE	34.8	mg/L	0.9	None
MW 13D	Magnesium	SW8466010B	55.9	mg/L	DUPLICATE	55.3	mg/L	1.1	None
MW 13D	Manganese	SW8466010B	0.099	mg/L	DUPLICATE	0.099	mg/L	0	None
MW 13D	Potassium	SW8466010B	37.1	mg/L	DUPLICATE	35.7	mg/L	3.8	None
MW 13D	Sodium	SW8466010B	832	mg/L	DUPLICATE	799	mg/L	4.0	None
MW 13D	Zinc	SW8466010B	0.005	mg/L	DUPLICATE	0.004	mg/L	(0.001)	None

Total:

1. Sample DUPLICATE (BK32365) was collected as a field duplicate of sample MW 13D (BK32363). 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
MW 13D	Aluminum	SW8466010B	0.997	mg/L	DUPLICATE	1.05	mg/L	5.2	None
MW 13D	Barium	SW8466010B	0.026	mg/L	DUPLICATE	0.026	mg/L	(0)	None
MW 13D	Calcium	SW8466010B	35.6	mg/L	DUPLICATE	35.7	mg/L	0.3	None
MW 13D	Chromium	SW8466010B	0.004	mg/L	DUPLICATE	0.004	mg/L	(0)	None
MW 13D	Copper	SW8466010B	ND	mg/L	DUPLICATE	0.004	mg/L	(0.006)	None
MW 13D	Iron	SW8466010B	2.94	mg/L	DUPLICATE	3.08	mg/L	4.7	None
MW 13D	Magnesium	SW8466010B	60.9	mg/L	DUPLICATE	53.2	mg/L	13.5	None
MW 13D	Manganese	SW8466010B	0.114	mg/L	DUPLICATE	0.119	mg/L	4.3	None
MW 13D	Potassium	SW8466010B	34	mg/L	DUPLICATE	36	mg/L	(2)	None
MW 13D	Sodium	SW8466010B	780	mg/L	DUPLICATE	818	mg/L	4.8	None
MW 13D	Vanadium	SW8466010B	ND	mg/L	DUPLICATE	0.004	mg/L	(0.016)	None
MW 13D	Zinc	SW8466010B	0.008	mg/L	DUPLICATE	0.009	mg/L	(0.001)	None

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

ICP-AES, GFAA and CVAA (Total):

1. Matrix Spike (MS) was performed on sample MW 12D (BK32364) for total metals and mercury. All %Rs were within the laboratory control limits. No qualifications were required.

ICP-AES, GFAA and CVAA (Dissolved):

1. Matrix Spike (MS) was performed on sample MW 12D (BK32364) 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 MW 12D (BK32364) (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 MW 12D (BK32364) (dissolved) for ICP-AES, GFAA, and mercury. All RPDs were within the laboratory control limits. No qualifications were required.

ICP-AES Serial Dilution:

Total:

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

Dissolved:

1. ICP serial dilution was performed on sample MW 12D (BK32364). 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: MW 3 (BK32362)

Barium (total)

DF: 1

0.2107mg/L was reported on the raw data and the laboratory reported 0.211mg/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: GBK32362.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32362.



2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK32362

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BK32362	7010	12/09/15	1	Antimony (Dissolved)		mg/l	UJ	0.003
MW3	BK32362	7010	12/09/15	1	Antimony		mg/l	UJ	0.002
MW3	BK32362	7010	12/08/15	1	Selenium (Dissolved)		mg/l	U	0.004
MW3	BK32362	7010	12/08/15	1	Thallium (Dissolved)		mg/l	U	0.0005
MW3	BK32362	7010	12/08/15	1	Thallium		mg/l	U	0.0005
MW3	BK32362	SW6010	12/08/15	2	Barium	0.211	mg/l		0.020
MW3	BK32362	SW6010	12/08/15	100	Calcium	226	mg/l		1.0
MW3	BK32362	SW6010	12/07/15	1	Aluminum (Dissolved)	0.008	mg/l	J	0.011
MW3	BK32362	SW6010	12/08/15	2	Aluminum	2.24	mg/l		0.020
MW3	BK32362	SW6010	12/07/15	1	Arsenic (Dissolved)		mg/l	U	0.003
MW3	BK32362	SW6010	12/07/15	1	Barium (Dissolved)	0.173	mg/l		0.011
MW3	BK32362	SW6010	12/07/15	1	Beryllium (Dissolved)		mg/l	U	0.001
MW3	BK32362	SW6010	12/07/15	1	Cadmium (Dissolved)		mg/l	U	0.004
MW3	BK32362	SW6010	12/07/15	10	Calcium (Dissolved)	215	mg/l		0.11
MW3	BK32362	SW6010	12/07/15	1	Chromium, Total (Dissolved)		mg/l	U	0.001
MW3	BK32362	SW6010	12/07/15	1	Cobalt (Dissolved)	0.003	mg/l	J	0.005
MW3	BK32362	SW6010	12/08/15	2	Copper (Dissolved)		mg/l	U	0.011
MW3	BK32362	SW6010	12/08/15	2	Iron (Dissolved)		mg/l	U	0.02
MW3	BK32362	SW6010	12/07/15	1	Lead (Dissolved)		mg/l	U	0.002
MW3	BK32362	SW6010	12/07/15	10	Magnesium (Dissolved)	293	mg/l		0.11
MW3	BK32362	SW6010	12/07/15	1	Manganese (Dissolved)	1.25	mg/l		0.005
MW3	BK32362	SW6010	12/07/15	1	Nickel (Dissolved)	0.002	mg/l	U	0.004
MW3	BK32362	SW6010	12/07/15	10	Potassium (Dissolved)	87.2	mg/l	J-	1.1
MW3	BK32362	SW6010	12/07/15	1	Silver (Dissolved)		mg/l	U	0.005
MW3	BK32362	SW6010	12/08/15	2	Arsenic	0.005	mg/l	J	0.008
MW3	BK32362	SW6010	12/08/15	2	Beryllium		mg/l	U	0.002
MW3	BK32362	SW6010	12/08/15	2	Cadmium		mg/l	U	0.005
MW3	BK32362	SW6010	12/08/15	100	Sodium (Dissolved)	1950	mg/l		11
MW3	BK32362	SW6010	12/07/15	1	Vanadium (Dissolved)		mg/l	U	0.011
MW3	BK32362	SW6010	12/08/15	2	Chromium, Total	0.008	mg/l		0.002
MW3	BK32362	SW6010	12/08/15	2	Cobalt	0.006	mg/l	J	0.010
MW3	BK32362	SW6010	12/08/15	2	Copper	0.011	mg/l		0.010
MW3	BK32362	SW6010	12/08/15	100	Iron	20.2	mg/l	J+	1.0
MW3	BK32362	SW6010	12/08/15	2	Lead	0.023	mg/l		0.004
MW3	BK32362	SW6010	12/08/15	100	Magnesium	286	mg/l		1.0
MW3	BK32362	SW6010	12/08/15	2	Manganese	1.25	mg/l		0.010
MW3	BK32362	SW6010	12/08/15	2	Nickel	0.006	mg/l	U	0.008
MW3	BK32362	SW6010	12/08/15	100	Potassium	84	mg/l	J+	10
MW3	BK32362	SW6010	12/08/15	2	Selenium		mg/l	U	0.01
MW3	BK32362	SW6010	12/08/15	2	Silver		mg/l	U	0.010



2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK32362

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BK32362	SW6010	12/08/15	100	Sodium	1900	mg/l		10
MW3	BK32362	SW6010	12/08/15	2	Vanadium		mg/l	U	0.020
MW3	BK32362	SW6010	12/08/15	2	Zinc	0.022	mg/l		0.020
MW3	BK32362	SW6010	12/08/15	2	Zinc (Dissolved)	0.005	mg/l	J	0.021
MW3	BK32362	SW7470	12/07/15	1	Mercury (Dissolved)		mg/l	U	0.0002
MW3	BK32362	SW7470	12/07/15	1	Mercury		mg/l	U	0.0002
MW3	BK32362	SW8081	12/05/15	1	Heptachlor Epoxide		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	Endosulfan Sulfate		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	Alachlor		ug/l	U	0.075
MW3	BK32362	SW8081	12/05/15	1	Aldrin		ug/l	U	0.002
MW3	BK32362	SW8081	12/05/15	1	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/l	U	0.005
MW3	BK32362	SW8081	12/05/15	1	Beta Bhc (Beta Hexachlorocyclohexane)		ug/l	U	0.005
MW3	BK32362	SW8081	12/05/15	1	Delta BHC (Delta Hexachlorocyclohexane)		ug/l	U	0.005
MW3	BK32362	SW8081	12/05/15	1	Beta Endosulfan		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	P,P'-DDT		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	cis-Chlordane		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	trans-Chlordane		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	Endrin Ketone		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	Chlordane		ug/l	U	0.050
MW3	BK32362	SW8081	12/05/15	1	Gamma Bhc (Lindane)		ug/l	U	0.005
MW3	BK32362	SW8081	12/05/15	1	Dieldrin		ug/l	U	0.002
MW3	BK32362	SW8081	12/05/15	1	Endrin		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	Methoxychlor		ug/l	U	0.10
MW3	BK32362	SW8081	12/05/15	1	P,P'-DDD		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	P,P'-DDE		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	Endrin Aldehyde		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	Heptachlor		ug/l	U	0.010
MW3	BK32362	SW8081	12/05/15	1	Toxaphene		ug/l	U	0.25
MW3	BK32362	SW8081	12/05/15	1	Alpha Endosulfan		ug/l	U	0.010
MW3	BK32362	SW8082	12/05/15	1	PCB-1260 (Aroclor 1260)		ug/l	U	0.050
MW3	BK32362	SW8082	12/05/15	1	PCB-1254 (Aroclor 1254)		ug/l	U	0.050
MW3	BK32362	SW8082	12/05/15	1	PCB-1268 (Aroclor 1268)		ug/l	U	0.050
MW3	BK32362	SW8082	12/05/15	1	PCB-1221 (Aroclor 1221)		ug/l	U	0.050
MW3	BK32362	SW8082	12/05/15	1	PCB-1232 (Aroclor 1232)		ug/l	U	0.050
MW3	BK32362	SW8082	12/05/15	1	PCB-1248 (Aroclor 1248)		ug/l	U	0.050
MW3	BK32362	SW8082	12/05/15	1	PCB-1016 (Aroclor 1016)		ug/l	U	0.050
MW3	BK32362	SW8082	12/05/15	1	PCB-1262 (Aroclor 1262)		ug/l	U	0.050
MW3	BK32362	SW8082	12/05/15	1	PCB-1242 (Aroclor 1242)		ug/l	U	0.050
MW3	BK32362	SW8260	12/05/15	1	Ethylbenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Styrene		ug/l	U	1.0



2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK32362

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BK32362	SW8260	12/05/15	1	Cis-1,3-Dichloropropene		ug/l	U	0.40
MW3	BK32362	SW8260	12/05/15	1	Trans-1,3-Dichloropropene		ug/l	U	0.40
MW3	BK32362	SW8260	12/05/15	1	N-Propylbenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	N-Butylbenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	4-Chlorotoluene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,4-Dichlorobenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Acrolein		ug/l	U	5.0
MW3	BK32362	SW8260	12/05/15	1	1,2-Dichloroethane		ug/l	U	0.60
MW3	BK32362	SW8260	12/05/15	1	Acrylonitrile		ug/l	U	5.0
MW3	BK32362	SW8260	12/05/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/l	U	2.5
MW3	BK32362	SW8260	12/05/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Bromobenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Toluene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Chlorobenzene		ug/l	U	5.0
MW3	BK32362	SW8260	12/05/15	1	Tetrahydrofuran		ug/l	U	5.0
MW3	BK32362	SW8260	12/05/15	1	Trans-1,4-Dichloro-2-Butene		ug/l	U	2.5
MW3	BK32362	SW8260	12/05/15	1	1,2,4-Trichlorobenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Dibromochloromethane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Tetrachloroethylene (PCE)		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Sec-Butylbenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,3-Dichloropropane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Cis-1,2-Dichloroethylene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Trans-1,2-Dichloroethene		ug/l	U	5.0
MW3	BK32362	SW8260	12/05/15	1	m,p-Xylene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	O-Cymene (O-Isopropyltoluene)		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,3-Dichlorobenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Carbon Tetrachloride		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,1-Dichloropropene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	2-Hexanone		ug/l	U	2.5
MW3	BK32362	SW8260	12/05/15	1	2,2-Dichloropropane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,1,1,2-Tetrachloroethane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Acetone		ug/l	UJ	5.0
MW3	BK32362	SW8260	12/05/15	1	Chloroform		ug/l	U	5.0
MW3	BK32362	SW8260	12/05/15	1	Benzene		ug/l	U	0.70
MW3	BK32362	SW8260	12/05/15	1	1,1,1-Trichloroethane		ug/l	U	5.0
MW3	BK32362	SW8260	12/05/15	1	Bromomethane	1.7	ug/l	J	5.0
MW3	BK32362	SW8260	12/05/15	1	Dibromomethane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Bromochloromethane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Chloroethane		ug/l	U	5.0



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK32362**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BK32362	SW8260	12/05/15	1	Vinyl Chloride		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Methylene Chloride		ug/l	U	3.0
MW3	BK32362	SW8260	12/05/15	1	Carbon Disulfide		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Bromoform		ug/l	U	5.0
MW3	BK32362	SW8260	12/05/15	1	Bromodichloromethane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,1-Dichloroethane		ug/l	U	5.0
MW3	BK32362	SW8260	12/05/15	1	1,1-Dichloroethene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Trichlorofluoromethane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Dichlorodifluoromethane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,2-Dichloropropane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/l	U	2.5
MW3	BK32362	SW8260	12/05/15	1	1,1,2-Trichloroethane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Trichloroethylene (TCE)		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,1,2,2-Tetrachloroethane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,2,3-Trichlorobenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Hexachlorobutadiene		ug/l	U	0.50
MW3	BK32362	SW8260	12/05/15	1	Naphthalene		ug/l	UJ	1.0
MW3	BK32362	SW8260	12/05/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	2-Chlorotoluene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,2-Dichlorobenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,2,4-Trimethylbenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	1,2-Dibromo-3-Chloropropane		ug/l	UJ	1.0
MW3	BK32362	SW8260	12/05/15	1	1,2,3-Trichloropropane		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	T-Butylbenzene		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Isopropylbenzene (Cumene)		ug/l	U	1.0
MW3	BK32362	SW8260	12/05/15	1	Cymene		ug/l	U	1.0
MW3	BK32362	SW8260	12/07/15	2	Chloromethane	39	ug/l		10
MW3	BK32362	SW8260	12/05/15	1	Tert-Butyl Methyl Ether	0.27	ug/l	J	1.0
MW3	BK32362	SW8270	12/09/15	1	4-Nitroaniline		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	4-Nitrophenol		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	4-Bromophenyl Phenyl Ether		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	2,4-Dimethylphenol		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	1,4-Dichlorobenzene		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	4-Chloroaniline		ug/l	U	3.5
MW3	BK32362	SW8270	12/09/15	1	Phenol		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	Pyridine		ug/l	UJ	10
MW3	BK32362	SW8270	12/09/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	Bis(2-Chloroethoxy) Methane		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Di-N-Octylphthalate		ug/l	U	5.0



2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AQUEOUS
SDG: GBK32362

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BK32362	SW8270	12/09/15	1	Anthracene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	1,2,4-Trichlorobenzene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	2,4-Dichlorophenol		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	2,4-Dinitrotoluene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	1,2-Diphenylhydrazine		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Pyrene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Dimethyl Phthalate		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Dibenzofuran		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Fluoranthene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	2,2-Oxybis(2-Chloropropane)		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	2,4-Dinitrophenol		ug/l	UJ	1.0
MW3	BK32362	SW8270	12/09/15	1	4,6-Dinitro-2-Methylphenol		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	1,3-Dichlorobenzene		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	4-Chloro-3-Methylphenol		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	2,6-Dinitrotoluene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	N-Nitrosodi-N-Propylamine		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Aniline		ug/l	U	3.5
MW3	BK32362	SW8270	12/09/15	1	N-Nitrosodimethylamine		ug/l	UJ	1.0
MW3	BK32362	SW8270	12/09/15	1	Benzoic Acid		ug/l	U	25
MW3	BK32362	SW8270	12/09/15	1	4-Chlorophenyl Phenyl Ether		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Hexachlorocyclopentadiene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Isophorone		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Acenaphthene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Diethyl Phthalate		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Di-N-Butyl Phthalate		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Benzyl Butyl Phthalate		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	N-Nitrosodiphenylamine		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Fluorene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Carbazole		ug/l	U	25
MW3	BK32362	SW8270	12/09/15	1	2,4,6-Trichlorophenol		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	2-Nitroaniline		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	2-Nitrophenol		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	Naphthalene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	2-Methylnaphthalene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	2-Chloronaphthalene		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	3,3'-Dichlorobenzidine		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	Benzidine		ug/l	R	4.5
MW3	BK32362	SW8270	12/09/15	1	2-Methylphenol (O-Cresol)		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	1,2-Dichlorobenzene		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	2-Chlorophenol		ug/l	U	1.0



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
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SDG: GBK32362**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BK32362	SW8270	12/09/15	1	2,4,5-Trichlorophenol		ug/l	U	1.0
MW3	BK32362	SW8270	12/09/15	1	Acetophenone		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	3-Nitroaniline		ug/l	U	5.0
MW3	BK32362	SW8270	12/09/15	1	3- And 4- Methylphenol (Total)		ug/l	U	1.0
MW3	BK32362	SW8270C-SIM	12/09/15	1	Bis(2-Ethylhexyl) Phthalate		ug/l	U	1.0
MW3	BK32362	SW8270C-SIM	12/09/15	1	Hexachlorobenzene		ug/l	U	0.02
MW3	BK32362	SW8270C-SIM	12/09/15	1	Benzo(G,H,I)Perylene		ug/l	U	0.02
MW3	BK32362	SW8270C-SIM	12/09/15	1	Indeno(1,2,3-C,D)Pyrene		ug/l	U	0.02
MW3	BK32362	SW8270C-SIM	12/09/15	1	Benzo(B)Fluoranthene		ug/l	U	0.02
MW3	BK32362	SW8270C-SIM	12/09/15	1	Benzo(K)Fluoranthene		ug/l	U	0.02
MW3	BK32362	SW8270C-SIM	12/09/15	1	Acenaphthylene		ug/l	U	0.10
MW3	BK32362	SW8270C-SIM	12/09/15	1	Chrysene		ug/l	U	0.02
MW3	BK32362	SW8270C-SIM	12/09/15	1	Benzo(A)Pyrene		ug/l	U	0.02
MW3	BK32362	SW8270C-SIM	12/09/15	1	Dibenz(A,H)Anthracene		ug/l	U	0.02
MW3	BK32362	SW8270C-SIM	12/09/15	1	Benzo(A)Anthracene		ug/l	U	0.02
MW3	BK32362	SW8270C-SIM	12/09/15	1	Hexachloroethane		ug/l	U	0.50
MW3	BK32362	SW8270C-SIM	12/09/15	1	Pentachloronitrobenzene		ug/l	U	0.10
MW3	BK32362	SW8270C-SIM	12/09/15	1	Phenanthrene		ug/l	U	0.10
MW3	BK32362	SW8270C-SIM	12/09/15	1	Hexachlorobutadiene		ug/l	U	0.40
MW3	BK32362	SW8270C-SIM	12/09/15	1	Pentachlorophenol		ug/l	U	0.80
MW3	BK32362	SW8270C-SIM	12/09/15	1	1,2,4,5-Tetrachlorobenzene		ug/l	U	0.50
MW3	BK32362	SW8270C-SIM	12/09/15	1	Nitrobenzene		ug/l	U	0.10
MW13D	BK32363	7010	12/09/15	1	Antimony		mg/l	UJ	0.002
MW13D	BK32363	7010	12/09/15	1	Antimony (Dissolved)		mg/l	UJ	0.003
MW13D	BK32363	7010	12/08/15	1	Selenium (Dissolved)		mg/l	U	0.004
MW13D	BK32363	7010	12/08/15	1	Thallium (Dissolved)		mg/l	U	0.0005
MW13D	BK32363	7010	12/08/15	1	Thallium		mg/l	U	0.0005
MW13D	BK32363	SW6010	12/08/15	2	Aluminum	0.997	mg/l		0.020
MW13D	BK32363	SW6010	12/07/15	1	Aluminum (Dissolved)		mg/l	U	0.011
MW13D	BK32363	SW6010	12/08/15	2	Arsenic		mg/l	U	0.008
MW13D	BK32363	SW6010	12/08/15	2	Barium	0.026	mg/l		0.020
MW13D	BK32363	SW6010	12/07/15	1	Arsenic (Dissolved)		mg/l	U	0.003
MW13D	BK32363	SW6010	12/07/15	1	Barium (Dissolved)	0.020	mg/l		0.011
MW13D	BK32363	SW6010	12/07/15	1	Beryllium (Dissolved)		mg/l	U	0.001
MW13D	BK32363	SW6010	12/07/15	1	Cadmium (Dissolved)		mg/l	U	0.004
MW13D	BK32363	SW6010	12/07/15	1	Calcium (Dissolved)	35.1	mg/l		0.01
MW13D	BK32363	SW6010	12/07/15	1	Chromium, Total (Dissolved)		mg/l	U	0.001
MW13D	BK32363	SW6010	12/07/15	1	Cobalt (Dissolved)		mg/l	U	0.005
MW13D	BK32363	SW6010	12/08/15	2	Copper (Dissolved)		mg/l	U	0.011
MW13D	BK32363	SW6010	12/07/15	1	Iron (Dissolved)		mg/l	U	0.01



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW13D	BK32363	SW6010	12/07/15	1	Lead (Dissolved)		mg/l	U	0.002
MW13D	BK32363	SW6010	12/07/15	1	Magnesium (Dissolved)	55.9	mg/l		0.01
MW13D	BK32363	SW6010	12/07/15	1	Manganese (Dissolved)	0.099	mg/l		0.005
MW13D	BK32363	SW6010	12/07/15	1	Nickel (Dissolved)	0.002	mg/l	U	0.004
MW13D	BK32363	SW6010	12/07/15	10	Potassium (Dissolved)	37.1	mg/l	J-	1.1
MW13D	BK32363	SW6010	12/07/15	1	Silver (Dissolved)		mg/l	U	0.005
MW13D	BK32363	SW6010	12/08/15	100	Sodium (Dissolved)	832	mg/l		11
MW13D	BK32363	SW6010	12/08/15	2	Beryllium		mg/l	U	0.002
MW13D	BK32363	SW6010	12/08/15	2	Cadmium		mg/l	U	0.005
MW13D	BK32363	SW6010	12/08/15	100	Calcium	35.6	mg/l		1.0
MW13D	BK32363	SW6010	12/07/15	1	Vanadium (Dissolved)		mg/l	U	0.011
MW13D	BK32363	SW6010	12/08/15	2	Chromium, Total	0.004	mg/l		0.002
MW13D	BK32363	SW6010	12/08/15	2	Cobalt		mg/l	U	0.010
MW13D	BK32363	SW6010	12/08/15	2	Copper		mg/l	U	0.010
MW13D	BK32363	SW6010	12/08/15	2	Iron	2.94	mg/l	J+	0.02
MW13D	BK32363	SW6010	12/08/15	2	Lead		mg/l	U	0.004
MW13D	BK32363	SW6010	12/08/15	100	Magnesium	60.9	mg/l		1.0
MW13D	BK32363	SW6010	12/08/15	2	Manganese	0.114	mg/l		0.010
MW13D	BK32363	SW6010	12/08/15	2	Nickel		mg/l	U	0.008
MW13D	BK32363	SW6010	12/08/15	100	Potassium	34	mg/l	J+	10
MW13D	BK32363	SW6010	12/08/15	2	Selenium		mg/l	U	0.01
MW13D	BK32363	SW6010	12/08/15	2	Silver		mg/l	U	0.010
MW13D	BK32363	SW6010	12/08/15	100	Sodium	780	mg/l		10
MW13D	BK32363	SW6010	12/08/15	2	Vanadium		mg/l	U	0.020
MW13D	BK32363	SW6010	12/08/15	2	Zinc	0.008	mg/l	J	0.020
MW13D	BK32363	SW6010	12/08/15	2	Zinc (Dissolved)	0.005	mg/l	J	0.021
MW13D	BK32363	SW7470	12/07/15	1	Mercury (Dissolved)		mg/l	U	0.0002
MW13D	BK32363	SW7470	12/07/15	1	Mercury		mg/l	U	0.0002
MW13D	BK32363	SW8081	12/05/15	1	Heptachlor Epoxide		ug/l	U	0.010
MW13D	BK32363	SW8081	12/05/15	1	Endosulfan Sulfate		ug/l	U	0.010
MW13D	BK32363	SW8081	12/05/15	1	Alachlor		ug/l	U	0.075
MW13D	BK32363	SW8081	12/05/15	1	Aldrin		ug/l	U	0.002
MW13D	BK32363	SW8081	12/05/15	1	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/l	U	0.005
MW13D	BK32363	SW8081	12/05/15	1	Beta Bhc (Beta Hexachlorocyclohexane)		ug/l	U	0.005
MW13D	BK32363	SW8081	12/05/15	1	Delta BHC (Delta Hexachlorocyclohexane)		ug/l	U	0.005
MW13D	BK32363	SW8081	12/05/15	1	Beta Endosulfan		ug/l	U	0.010
MW13D	BK32363	SW8081	12/05/15	1	P,P'-DDT		ug/l	U	0.010
MW13D	BK32363	SW8081	12/05/15	1	cis-Chlordane		ug/l	U	0.010
MW13D	BK32363	SW8081	12/05/15	1	trans-Chlordane		ug/l	U	0.010
MW13D	BK32363	SW8081	12/05/15	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
MW13D	BK32363	SW8081	12/05/15	1	Chlordane		ug/l	U	0.050
MW13D	BK32363	SW8081	12/05/15	1	Gamma Bhc (Lindane)		ug/l	U	0.005
MW13D	BK32363	SW8081	12/05/15	1	Dieldrin		ug/l	U	0.002
MW13D	BK32363	SW8081	12/05/15	1	Endrin		ug/l	U	0.010
MW13D	BK32363	SW8081	12/05/15	1	Methoxychlor		ug/l	U	0.10
MW13D	BK32363	SW8081	12/05/15	1	P,P'-DDD		ug/l	U	0.010
MW13D	BK32363	SW8081	12/05/15	1	P,P'-DDE		ug/l	U	0.010
MW13D	BK32363	SW8081	12/05/15	1	Endrin Aldehyde		ug/l	U	0.010
MW13D	BK32363	SW8081	12/05/15	1	Heptachlor		ug/l	U	0.010
MW13D	BK32363	SW8081	12/05/15	1	Toxaphene		ug/l	U	0.20
MW13D	BK32363	SW8081	12/05/15	1	Alpha Endosulfan		ug/l	U	0.010
MW13D	BK32363	SW8082	12/05/15	1	PCB-1260 (Aroclor 1260)		ug/l	U	0.050
MW13D	BK32363	SW8082	12/05/15	1	PCB-1254 (Aroclor 1254)		ug/l	U	0.050
MW13D	BK32363	SW8082	12/05/15	1	PCB-1268 (Aroclor 1268)		ug/l	U	0.050
MW13D	BK32363	SW8082	12/05/15	1	PCB-1221 (Aroclor 1221)		ug/l	U	0.050
MW13D	BK32363	SW8082	12/05/15	1	PCB-1232 (Aroclor 1232)		ug/l	U	0.050
MW13D	BK32363	SW8082	12/05/15	1	PCB-1248 (Aroclor 1248)		ug/l	U	0.050
MW13D	BK32363	SW8082	12/05/15	1	PCB-1016 (Aroclor 1016)		ug/l	U	0.050
MW13D	BK32363	SW8082	12/05/15	1	PCB-1262 (Aroclor 1262)		ug/l	U	0.050
MW13D	BK32363	SW8082	12/05/15	1	PCB-1242 (Aroclor 1242)		ug/l	U	0.050
MW13D	BK32363	SW8260	12/05/15	1	Acetone	3.3	ug/l	J	5.0
MW13D	BK32363	SW8260	12/05/15	1	Bromomethane	0.67	ug/l	J	5.0
MW13D	BK32363	SW8260	12/05/15	1	Ethylbenzene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Styrene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Cis-1,3-Dichloropropene		ug/l	U	0.40
MW13D	BK32363	SW8260	12/05/15	1	Trans-1,3-Dichloropropene		ug/l	U	0.40
MW13D	BK32363	SW8260	12/05/15	1	N-Propylbenzene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	N-Butylbenzene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	4-Chlorotoluene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,4-Dichlorobenzene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Acrolein		ug/l	UJ	5.0
MW13D	BK32363	SW8260	12/05/15	1	1,2-Dichloroethane		ug/l	U	0.60
MW13D	BK32363	SW8260	12/05/15	1	Acrylonitrile		ug/l	U	5.0
MW13D	BK32363	SW8260	12/05/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/l	UJ	2.5
MW13D	BK32363	SW8260	12/05/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Bromobenzene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Toluene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Chlorobenzene		ug/l	U	5.0
MW13D	BK32363	SW8260	12/05/15	1	Tetrahydrofuran		ug/l	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW13D	BK32363	SW8260	12/05/15	1	Trans-1,4-Dichloro-2-Butene		ug/l	UJ	2.5
MW13D	BK32363	SW8260	12/05/15	1	1,2,4-Trichlorobenzene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Dibromochloromethane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Tetrachloroethylene (PCE)		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Sec-Butylbenzene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,3-Dichloropropane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Cis-1,2-Dichloroethylene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Trans-1,2-Dichloroethene		ug/l	U	5.0
MW13D	BK32363	SW8260	12/05/15	1	Chloromethane	16	ug/l		5.0
MW13D	BK32363	SW8260	12/05/15	1	m,p-Xylene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	O-Cymene (O-Isopropyltoluene)		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,3-Dichlorobenzene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Carbon Tetrachloride		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,1-Dichloropropene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	2-Hexanone		ug/l	U	2.5
MW13D	BK32363	SW8260	12/05/15	1	2,2-Dichloropropane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,1,1,2-Tetrachloroethane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Tert-Butyl Methyl Ether	5.1	ug/l		1.0
MW13D	BK32363	SW8260	12/05/15	1	Chloroform		ug/l	U	5.0
MW13D	BK32363	SW8260	12/05/15	1	Benzene		ug/l	U	0.70
MW13D	BK32363	SW8260	12/05/15	1	1,1,1-Trichloroethane		ug/l	U	5.0
MW13D	BK32363	SW8260	12/05/15	1	Dibromomethane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Bromochloromethane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Chloroethane		ug/l	U	5.0
MW13D	BK32363	SW8260	12/05/15	1	Vinyl Chloride		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Methylene Chloride		ug/l	U	3.0
MW13D	BK32363	SW8260	12/05/15	1	Carbon Disulfide		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Bromoform		ug/l	U	5.0
MW13D	BK32363	SW8260	12/05/15	1	Bromodichloromethane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,1-Dichloroethane		ug/l	U	5.0
MW13D	BK32363	SW8260	12/05/15	1	1,1-Dichloroethene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Trichlorofluoromethane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Dichlorodifluoromethane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,2-Dichloropropane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/l	U	2.5
MW13D	BK32363	SW8260	12/05/15	1	1,1,2-Trichloroethane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Trichloroethylene (TCE)		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,1,2,2-Tetrachloroethane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,2,3-Trichlorobenzene		ug/l	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW13D	BK32363	SW8260	12/05/15	1	Hexachlorobutadiene		ug/l	UJ	0.50
MW13D	BK32363	SW8260	12/05/15	1	Naphthalene		ug/l	UJ	1.0
MW13D	BK32363	SW8260	12/05/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	2-Chlorotoluene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,2-Dichlorobenzene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,2,4-Trimethylbenzene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,2-Dibromo-3-Chloropropane		ug/l	UJ	1.0
MW13D	BK32363	SW8260	12/05/15	1	1,2,3-Trichloropropane		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	T-Butylbenzene		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Isopropylbenzene (Cumene)		ug/l	U	1.0
MW13D	BK32363	SW8260	12/05/15	1	Cymene		ug/l	U	1.0
MW13D	BK32363	SW8270	12/09/15	1	4-Nitroaniline		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	4-Nitrophenol		ug/l	U	1.0
MW13D	BK32363	SW8270	12/09/15	1	4-Bromophenyl Phenyl Ether		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	2,4-Dimethylphenol		ug/l	UJ	1.0
MW13D	BK32363	SW8270	12/09/15	1	1,4-Dichlorobenzene		ug/l	UJ	1.0
MW13D	BK32363	SW8270	12/09/15	1	4-Chloroaniline		ug/l	U	3.5
MW13D	BK32363	SW8270	12/09/15	1	Phenol		ug/l	U	1.0
MW13D	BK32363	SW8270	12/09/15	1	Pyridine		ug/l	UJ	10
MW13D	BK32363	SW8270	12/09/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/l	UJ	1.0
MW13D	BK32363	SW8270	12/09/15	1	Bis(2-Chloroethoxy) Methane		ug/l	UJ	5.0
MW13D	BK32363	SW8270	12/09/15	1	Di-N-Octylphthalate		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Anthracene		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	1,2,4-Trichlorobenzene		ug/l	UJ	5.0
MW13D	BK32363	SW8270	12/09/15	1	2,4-Dichlorophenol		ug/l	UJ	1.0
MW13D	BK32363	SW8270	12/09/15	1	2,4-Dinitrotoluene		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	1,2-Diphenylhydrazine		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Pyrene		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Dimethyl Phthalate		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Dibenzofuran		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Fluoranthene		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	2,2-Oxybis(2-Chloropropane)		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	2,4-Dinitrophenol		ug/l	UJ	1.0
MW13D	BK32363	SW8270	12/09/15	1	4,6-Dinitro-2-Methylphenol		ug/l	U	1.0
MW13D	BK32363	SW8270	12/09/15	1	1,3-Dichlorobenzene		ug/l	UJ	1.0
MW13D	BK32363	SW8270	12/09/15	1	4-Chloro-3-Methylphenol		ug/l	U	1.0
MW13D	BK32363	SW8270	12/09/15	1	2,6-Dinitrotoluene		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	N-Nitrosodi-N-Propylamine		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Aniline		ug/l	UJ	3.5
MW13D	BK32363	SW8270	12/09/15	1	N-Nitrosodimethylamine		ug/l	UJ	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW13D	BK32363	SW8270	12/09/15	1	Benzoic Acid		ug/l	UJ	25
MW13D	BK32363	SW8270	12/09/15	1	4-Chlorophenyl Phenyl Ether		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Hexachlorocyclopentadiene		ug/l	UJ	5.0
MW13D	BK32363	SW8270	12/09/15	1	Isophorone		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Acenaphthene		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Diethyl Phthalate		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Di-N-Butyl Phthalate		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Benzyl Butyl Phthalate		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	N-Nitrosodiphenylamine		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Fluorene		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	Carbazole		ug/l	UJ	25
MW13D	BK32363	SW8270	12/09/15	1	2,4,6-Trichlorophenol		ug/l	U	1.0
MW13D	BK32363	SW8270	12/09/15	1	2-Nitroaniline		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	2-Nitrophenol		ug/l	UJ	1.0
MW13D	BK32363	SW8270	12/09/15	1	Naphthalene		ug/l	UJ	5.0
MW13D	BK32363	SW8270	12/09/15	1	2-Methylnaphthalene		ug/l	UJ	5.0
MW13D	BK32363	SW8270	12/09/15	1	2-Chloronaphthalene		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	3,3'-Dichlorobenzidine		ug/l	UJ	5.0
MW13D	BK32363	SW8270	12/09/15	1	Benzidine		ug/l	R	4.5
MW13D	BK32363	SW8270	12/09/15	1	2-Methylphenol (O-Cresol)		ug/l	U	1.0
MW13D	BK32363	SW8270	12/09/15	1	1,2-Dichlorobenzene		ug/l	U	1.0
MW13D	BK32363	SW8270	12/09/15	1	2-Chlorophenol		ug/l	U	1.0
MW13D	BK32363	SW8270	12/09/15	1	2,4,5-Trichlorophenol		ug/l	U	1.0
MW13D	BK32363	SW8270	12/09/15	1	Acetophenone		ug/l	U	5.0
MW13D	BK32363	SW8270	12/09/15	1	3-Nitroaniline		ug/l	UJ	5.0
MW13D	BK32363	SW8270	12/09/15	1	3- And 4- Methylphenol (Total)		ug/l	U	1.0
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Bis(2-Ethylhexyl) Phthalate		ug/l	U	1.0
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Hexachlorobenzene		ug/l	U	0.02
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Benzo(G,H,I)Perylene		ug/l	U	0.02
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Indeno(1,2,3-C,D)Pyrene		ug/l	U	0.02
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Benzo(B)Fluoranthene		ug/l	U	0.02
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Benzo(K)Fluoranthene		ug/l	U	0.02
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Acenaphthylene		ug/l	U	0.10
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Chrysene		ug/l	U	0.02
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Benzo(A)Pyrene		ug/l	U	0.02
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Dibenz(A,H)Anthracene		ug/l	U	0.02
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Benzo(A)Anthracene		ug/l	U	0.02
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Hexachloroethane		ug/l	UJ	0.50
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Pentachloronitrobenzene		ug/l	U	0.10
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Phenanthrene		ug/l	U	0.10



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Hexachlorobutadiene		ug/l	UJ	0.40
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Pentachlorophenol		ug/l	U	0.80
MW13D	BK32363	SW8270C-SIM	12/09/15	1	1,2,4,5-Tetrachlorobenzene		ug/l	U	0.50
MW13D	BK32363	SW8270C-SIM	12/09/15	1	Nitrobenzene		ug/l	UJ	0.10
MW12D	BK32364	7010	12/08/15	1	Selenium (Dissolved)		mg/l	U	0.004
MW12D	BK32364	7010	12/08/15	1	Thallium (Dissolved)		mg/l	U	0.0005
MW12D	BK32364	7010	12/09/15	1	Thallium		mg/l	U	0.0005
MW12D	BK32364	7010	12/09/15	1	Antimony		mg/l	UJ	0.002
MW12D	BK32364	7010	12/09/15	1	Antimony (Dissolved)		mg/l	UJ	0.003
MW12D	BK32364	SW6010	12/07/15	10	Magnesium (Dissolved)	148	mg/l		0.11
MW12D	BK32364	SW6010	12/07/15	10	Potassium (Dissolved)	60.7	mg/l	J-	1.1
MW12D	BK32364	SW6010	12/07/15	1	Aluminum (Dissolved)	0.008	mg/l	J	0.011
MW12D	BK32364	SW6010	12/07/15	1	Iron (Dissolved)		mg/l	U	0.01
MW12D	BK32364	SW6010	12/07/15	1	Lead (Dissolved)		mg/l	U	0.002
MW12D	BK32364	SW6010	12/07/15	1	Manganese (Dissolved)	0.609	mg/l		0.005
MW12D	BK32364	SW6010	12/07/15	1	Nickel (Dissolved)	0.002	mg/l	U	0.004
MW12D	BK32364	SW6010	12/07/15	1	Silver (Dissolved)		mg/l	U	0.005
MW12D	BK32364	SW6010	12/07/15	1	Arsenic (Dissolved)		mg/l	U	0.003
MW12D	BK32364	SW6010	12/07/15	1	Barium (Dissolved)	0.075	mg/l		0.011
MW12D	BK32364	SW6010	12/07/15	1	Beryllium (Dissolved)		mg/l	U	0.001
MW12D	BK32364	SW6010	12/07/15	1	Cadmium (Dissolved)		mg/l	U	0.004
MW12D	BK32364	SW6010	12/07/15	1	Chromium, Total (Dissolved)		mg/l	U	0.001
MW12D	BK32364	SW6010	12/07/15	1	Cobalt (Dissolved)		mg/l	U	0.005
MW12D	BK32364	SW6010	12/07/15	1	Vanadium (Dissolved)		mg/l	U	0.011
MW12D	BK32364	SW6010	12/07/15	1	Calcium (Dissolved)	71.1	mg/l		0.01
MW12D	BK32364	SW6010	12/08/15	100	Sodium (Dissolved)	1420	mg/l		11
MW12D	BK32364	SW6010	12/08/15	100	Aluminum	37.9	mg/l		1.0
MW12D	BK32364	SW6010	12/08/15	100	Iron	78.9	mg/l	J+	1.0
MW12D	BK32364	SW6010	12/08/15	100	Magnesium	174	mg/l		1.0
MW12D	BK32364	SW6010	12/08/15	100	Sodium	1290	mg/l		10
MW12D	BK32364	SW6010	12/08/15	2	Copper (Dissolved)	0.003	mg/l	J	0.011
MW12D	BK32364	SW6010	12/08/15	2	Zinc (Dissolved)	0.004	mg/l	J	0.021
MW12D	BK32364	SW6010	12/08/15	2	Lead	0.053	mg/l		0.004
MW12D	BK32364	SW6010	12/08/15	2	Manganese	1.46	mg/l		0.010
MW12D	BK32364	SW6010	12/08/15	2	Nickel	0.096	mg/l	J+	0.008
MW12D	BK32364	SW6010	12/08/15	2	Potassium	72.3	mg/l	J+	0.2
MW12D	BK32364	SW6010	12/08/15	2	Silver		mg/l	U	0.010
MW12D	BK32364	SW6010	12/08/15	2	Arsenic		mg/l	U	0.008
MW12D	BK32364	SW6010	12/08/15	2	Beryllium	0.003	mg/l		0.002
MW12D	BK32364	SW6010	12/08/15	2	Cadmium	0.002	mg/l	J	0.005



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW12D	BK32364	SW6010	12/08/15	2	Chromium, Total	0.094	mg/l		0.002
MW12D	BK32364	SW6010	12/08/15	2	Cobalt	0.039	mg/l		0.010
MW12D	BK32364	SW6010	12/08/15	2	Copper	0.132	mg/l		0.010
MW12D	BK32364	SW6010	12/08/15	2	Vanadium	0.085	mg/l		0.020
MW12D	BK32364	SW6010	12/08/15	2	Zinc	0.462	mg/l		0.020
MW12D	BK32364	SW6010	12/08/15	2	Selenium		mg/l	U	0.01
MW12D	BK32364	SW6010	12/08/15	100	Calcium	113	mg/l		1.0
MW12D	BK32364	SW6010	12/08/15	2	Barium	0.311	mg/l		0.020
MW12D	BK32364	SW7470	12/07/15	1	Mercury		mg/l	U	0.0002
MW12D	BK32364	SW7470	12/07/15	1	Mercury (Dissolved)		mg/l	U	0.0002
MW12D	BK32364	SW8081	12/05/15	1	Heptachlor Epoxide		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	Endosulfan Sulfate		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	Alachlor		ug/l	U	0.075
MW12D	BK32364	SW8081	12/05/15	1	Aldrin		ug/l	U	0.002
MW12D	BK32364	SW8081	12/05/15	1	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/l	U	0.005
MW12D	BK32364	SW8081	12/05/15	1	Beta Bhc (Beta Hexachlorocyclohexane)		ug/l	U	0.005
MW12D	BK32364	SW8081	12/05/15	1	Delta BHC (Delta Hexachlorocyclohexane)		ug/l	U	0.005
MW12D	BK32364	SW8081	12/05/15	1	Beta Endosulfan		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	P,P'-DDT		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	cis-Chlordane		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	trans-Chlordane		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	Endrin Ketone		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	Chlordane		ug/l	U	0.050
MW12D	BK32364	SW8081	12/05/15	1	Gamma Bhc (Lindane)		ug/l	U	0.005
MW12D	BK32364	SW8081	12/05/15	1	Dieldrin		ug/l	U	0.002
MW12D	BK32364	SW8081	12/05/15	1	Endrin		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	Methoxychlor		ug/l	U	0.10
MW12D	BK32364	SW8081	12/05/15	1	P,P'-DDD		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	P,P'-DDE		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	Endrin Aldehyde		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	Heptachlor		ug/l	U	0.010
MW12D	BK32364	SW8081	12/05/15	1	Toxaphene		ug/l	U	0.20
MW12D	BK32364	SW8081	12/05/15	1	Alpha Endosulfan		ug/l	U	0.010
MW12D	BK32364	SW8082	12/05/15	1	PCB-1260 (Aroclor 1260)		ug/l	U	0.050
MW12D	BK32364	SW8082	12/05/15	1	PCB-1254 (Aroclor 1254)		ug/l	U	0.050
MW12D	BK32364	SW8082	12/05/15	1	PCB-1268 (Aroclor 1268)		ug/l	U	0.050
MW12D	BK32364	SW8082	12/05/15	1	PCB-1221 (Aroclor 1221)		ug/l	U	0.050
MW12D	BK32364	SW8082	12/05/15	1	PCB-1232 (Aroclor 1232)		ug/l	U	0.050
MW12D	BK32364	SW8082	12/05/15	1	PCB-1248 (Aroclor 1248)		ug/l	U	0.050
MW12D	BK32364	SW8082	12/05/15	1	PCB-1016 (Aroclor 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
MW12D	BK32364	SW8082	12/05/15	1	PCB-1262 (Aroclor 1262)		ug/l	U	0.050
MW12D	BK32364	SW8082	12/05/15	1	PCB-1242 (Aroclor 1242)		ug/l	U	0.050
MW12D	BK32364	SW8260	12/07/15	1	Ethylbenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Styrene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Cis-1,3-Dichloropropene		ug/l	U	0.40
MW12D	BK32364	SW8260	12/07/15	1	Trans-1,3-Dichloropropene		ug/l	U	0.40
MW12D	BK32364	SW8260	12/07/15	1	N-Propylbenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	N-Butylbenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	4-Chlorotoluene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,4-Dichlorobenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Acrolein		ug/l	UJ	5.0
MW12D	BK32364	SW8260	12/07/15	1	1,2-Dichloroethane		ug/l	U	0.60
MW12D	BK32364	SW8260	12/07/15	1	Acrylonitrile		ug/l	U	5.0
MW12D	BK32364	SW8260	12/07/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/l	UJ	2.5
MW12D	BK32364	SW8260	12/07/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Bromobenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Toluene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Chlorobenzene		ug/l	U	5.0
MW12D	BK32364	SW8260	12/07/15	1	Tetrahydrofuran		ug/l	UJ	5.0
MW12D	BK32364	SW8260	12/07/15	1	Trans-1,4-Dichloro-2-Butene		ug/l	U	2.5
MW12D	BK32364	SW8260	12/07/15	1	1,2,4-Trichlorobenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Dibromochloromethane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Tetrachloroethylene (PCE)		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Sec-Butylbenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,3-Dichloropropane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Cis-1,2-Dichloroethylene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Trans-1,2-Dichloroethene		ug/l	U	5.0
MW12D	BK32364	SW8260	12/07/15	1	m,p-Xylene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	O-Cymene (O-Isopropyltoluene)		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,3-Dichlorobenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Carbon Tetrachloride		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,1-Dichloropropene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	2-Hexanone		ug/l	U	2.5
MW12D	BK32364	SW8260	12/07/15	1	2,2-Dichloropropane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,1,1,2-Tetrachloroethane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Acetone		ug/l	UJ	5.0
MW12D	BK32364	SW8260	12/07/15	1	Chloroform		ug/l	U	5.0
MW12D	BK32364	SW8260	12/07/15	1	Benzene		ug/l	U	0.70
MW12D	BK32364	SW8260	12/07/15	1	1,1,1-Trichloroethane		ug/l	U	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW12D	BK32364	SW8260	12/07/15	1	Bromomethane		ug/l	UJ	5.0
MW12D	BK32364	SW8260	12/07/15	1	Chloromethane	2.4	ug/l	J	5.0
MW12D	BK32364	SW8260	12/07/15	1	Dibromomethane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Bromochloromethane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Chloroethane		ug/l	U	5.0
MW12D	BK32364	SW8260	12/07/15	1	Vinyl Chloride		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Methylene Chloride		ug/l	UJ	3.0
MW12D	BK32364	SW8260	12/07/15	1	Carbon Disulfide		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Bromoform		ug/l	U	5.0
MW12D	BK32364	SW8260	12/07/15	1	Bromodichloromethane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,1-Dichloroethane		ug/l	U	5.0
MW12D	BK32364	SW8260	12/07/15	1	1,1-Dichloroethene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Trichlorofluoromethane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Dichlorodifluoromethane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,2-Dichloropropane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/l	UJ	2.5
MW12D	BK32364	SW8260	12/07/15	1	1,1,2-Trichloroethane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Trichloroethylene (TCE)		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,1,2,2-Tetrachloroethane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,2,3-Trichlorobenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Hexachlorobutadiene		ug/l	UJ	0.50
MW12D	BK32364	SW8260	12/07/15	1	Naphthalene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	2-Chlorotoluene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,2-Dichlorobenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,2,4-Trimethylbenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,2-Dibromo-3-Chloropropane		ug/l	UJ	1.0
MW12D	BK32364	SW8260	12/07/15	1	1,2,3-Trichloropropane		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	T-Butylbenzene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Isopropylbenzene (Cumene)		ug/l	U	1.0
MW12D	BK32364	SW8260	12/07/15	1	Cymene		ug/l	U	1.0
MW12D	BK32364	SW8260	12/06/15	10	Tert-Butyl Methyl Ether	100	ug/l	J	10
MW12D	BK32364	SW8270	12/09/15	1	4-Nitroaniline		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	4-Nitrophenol		ug/l	U	1.0
MW12D	BK32364	SW8270	12/09/15	1	4-Bromophenyl Phenyl Ether		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	2,4-Dimethylphenol		ug/l	UJ	1.0
MW12D	BK32364	SW8270	12/09/15	1	1,4-Dichlorobenzene		ug/l	UJ	1.0
MW12D	BK32364	SW8270	12/09/15	1	4-Chloroaniline		ug/l	U	3.5
MW12D	BK32364	SW8270	12/09/15	1	Phenol		ug/l	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW12D	BK32364	SW8270	12/09/15	1	Pyridine		ug/l	UJ	10
MW12D	BK32364	SW8270	12/09/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether		ug/l	UJ	1.0
MW12D	BK32364	SW8270	12/09/15	1	Bis(2-Chloroethoxy) Methane		ug/l	UJ	5.0
MW12D	BK32364	SW8270	12/09/15	1	Di-N-Octylphthalate		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Anthracene		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	1,2,4-Trichlorobenzene		ug/l	UJ	5.0
MW12D	BK32364	SW8270	12/09/15	1	2,4-Dichlorophenol		ug/l	UJ	1.0
MW12D	BK32364	SW8270	12/09/15	1	2,4-Dinitrotoluene		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	1,2-Diphenylhydrazine		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Pyrene		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Dimethyl Phthalate		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Dibenzofuran		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Fluoranthene		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	2,2-Oxybis(2-Chloropropane)		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	2,4-Dinitrophenol		ug/l	UJ	1.0
MW12D	BK32364	SW8270	12/09/15	1	4,6-Dinitro-2-Methylphenol		ug/l	U	1.0
MW12D	BK32364	SW8270	12/09/15	1	1,3-Dichlorobenzene		ug/l	UJ	1.0
MW12D	BK32364	SW8270	12/09/15	1	4-Chloro-3-Methylphenol		ug/l	U	1.0
MW12D	BK32364	SW8270	12/09/15	1	2,6-Dinitrotoluene		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	N-Nitrosodi-N-Propylamine		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Aniline		ug/l	UJ	3.5
MW12D	BK32364	SW8270	12/09/15	1	N-Nitrosodimethylamine		ug/l	UJ	1.0
MW12D	BK32364	SW8270	12/09/15	1	Benzoic Acid		ug/l	UJ	25
MW12D	BK32364	SW8270	12/09/15	1	4-Chlorophenyl Phenyl Ether		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Hexachlorocyclopentadiene		ug/l	UJ	5.0
MW12D	BK32364	SW8270	12/09/15	1	Isophorone		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Acenaphthene		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Diethyl Phthalate		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Di-N-Butyl Phthalate		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Benzyl Butyl Phthalate		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	N-Nitrosodiphenylamine		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Fluorene		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	Carbazole		ug/l	UJ	25
MW12D	BK32364	SW8270	12/09/15	1	2,4,6-Trichlorophenol		ug/l	U	1.0
MW12D	BK32364	SW8270	12/09/15	1	2-Nitroaniline		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	2-Nitrophenol		ug/l	UJ	1.0
MW12D	BK32364	SW8270	12/09/15	1	Naphthalene		ug/l	UJ	5.0
MW12D	BK32364	SW8270	12/09/15	1	2-Methylnaphthalene		ug/l	UJ	5.0
MW12D	BK32364	SW8270	12/09/15	1	2-Chloronaphthalene		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	3,3'-Dichlorobenzidine		ug/l	R	5.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW12D	BK32364	SW8270	12/09/15	1	Benzidine		ug/l	R	4.5
MW12D	BK32364	SW8270	12/09/15	1	2-Methylphenol (O-Cresol)		ug/l	U	1.0
MW12D	BK32364	SW8270	12/09/15	1	1,2-Dichlorobenzene		ug/l	U	1.0
MW12D	BK32364	SW8270	12/09/15	1	2-Chlorophenol		ug/l	U	1.0
MW12D	BK32364	SW8270	12/09/15	1	2,4,5-Trichlorophenol		ug/l	U	1.0
MW12D	BK32364	SW8270	12/09/15	1	Acetophenone		ug/l	U	5.0
MW12D	BK32364	SW8270	12/09/15	1	3-Nitroaniline		ug/l	UJ	5.0
MW12D	BK32364	SW8270	12/09/15	1	3- And 4- Methylphenol (Total)		ug/l	U	1.0
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Bis(2-Ethylhexyl) Phthalate		ug/l	U	1.0
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Hexachlorobenzene		ug/l	UJ	0.02
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Benzo(G,H,I)Perylene		ug/l	U	0.02
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Indeno(1,2,3-C,D)Pyrene		ug/l	U	0.02
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Benzo(B)Fluoranthene		ug/l	U	0.02
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Benzo(K)Fluoranthene		ug/l	UJ	0.02
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Acenaphthylene		ug/l	UJ	0.10
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Chrysene		ug/l	UJ	0.02
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Benzo(A)Pyrene		ug/l	UJ	0.02
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Dibenz(A,H)Anthracene		ug/l	U	0.02
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Benzo(A)Anthracene		ug/l	UJ	0.02
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Hexachloroethane		ug/l	UJ	0.50
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Pentachloronitrobenzene		ug/l	U	0.10
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Phenanthrene		ug/l	UJ	0.10
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Hexachlorobutadiene		ug/l	UJ	0.40
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Pentachlorophenol		ug/l	UJ	0.80
MW12D	BK32364	SW8270C-SIM	12/09/15	1	1,2,4,5-Tetrachlorobenzene		ug/l	UJ	0.50
MW12D	BK32364	SW8270C-SIM	12/09/15	1	Nitrobenzene		ug/l	UJ	0.10
DUPLICATE	BK32365	7010	12/09/15	1	Antimony (Dissolved)		mg/l	UJ	0.003
DUPLICATE	BK32365	7010	12/09/15	1	Antimony		mg/l	UJ	0.002
DUPLICATE	BK32365	7010	12/08/15	1	Selenium (Dissolved)		mg/l	U	0.004
DUPLICATE	BK32365	7010	12/08/15	1	Thallium (Dissolved)		mg/l	U	0.0005
DUPLICATE	BK32365	7010	12/08/15	1	Thallium		mg/l	U	0.0005
DUPLICATE	BK32365	SW6010	12/07/15	1	Aluminum (Dissolved)		mg/l	U	0.011
DUPLICATE	BK32365	SW6010	12/08/15	2	Aluminum	1.05	mg/l		0.020
DUPLICATE	BK32365	SW6010	12/07/15	1	Arsenic (Dissolved)		mg/l	U	0.003
DUPLICATE	BK32365	SW6010	12/07/15	1	Barium (Dissolved)	0.020	mg/l		0.011
DUPLICATE	BK32365	SW6010	12/07/15	1	Beryllium (Dissolved)		mg/l	U	0.001
DUPLICATE	BK32365	SW6010	12/07/15	1	Cadmium (Dissolved)		mg/l	U	0.004
DUPLICATE	BK32365	SW6010	12/07/15	1	Calcium (Dissolved)	34.8	mg/l		0.01
DUPLICATE	BK32365	SW6010	12/07/15	1	Chromium, Total (Dissolved)		mg/l	U	0.001
DUPLICATE	BK32365	SW6010	12/07/15	1	Cobalt (Dissolved)		mg/l	U	0.005



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BK32365	SW6010	12/08/15	2	Copper (Dissolved)		mg/l	U	0.011
DUPLICATE	BK32365	SW6010	12/07/15	1	Iron (Dissolved)	0.03	mg/l		0.01
DUPLICATE	BK32365	SW6010	12/07/15	1	Lead (Dissolved)		mg/l	U	0.002
DUPLICATE	BK32365	SW6010	12/07/15	1	Magnesium (Dissolved)	55.3	mg/l		0.01
DUPLICATE	BK32365	SW6010	12/07/15	1	Manganese (Dissolved)	0.099	mg/l		0.005
DUPLICATE	BK32365	SW6010	12/07/15	1	Nickel (Dissolved)	0.002	mg/l	U	0.004
DUPLICATE	BK32365	SW6010	12/07/15	10	Potassium (Dissolved)	35.7	mg/l	J-	1.1
DUPLICATE	BK32365	SW6010	12/07/15	1	Silver (Dissolved)		mg/l	U	0.005
DUPLICATE	BK32365	SW6010	12/08/15	100	Sodium (Dissolved)	799	mg/l		11
DUPLICATE	BK32365	SW6010	12/08/15	2	Arsenic		mg/l	U	0.008
DUPLICATE	BK32365	SW6010	12/08/15	2	Barium	0.026	mg/l		0.020
DUPLICATE	BK32365	SW6010	12/08/15	2	Beryllium		mg/l	U	0.002
DUPLICATE	BK32365	SW6010	12/07/15	1	Vanadium (Dissolved)		mg/l	U	0.011
DUPLICATE	BK32365	SW6010	12/08/15	2	Cadmium		mg/l	U	0.005
DUPLICATE	BK32365	SW6010	12/08/15	100	Calcium	35.7	mg/l		1.0
DUPLICATE	BK32365	SW6010	12/08/15	2	Chromium, Total	0.004	mg/l		0.002
DUPLICATE	BK32365	SW6010	12/08/15	2	Cobalt		mg/l	U	0.010
DUPLICATE	BK32365	SW6010	12/08/15	2	Copper	0.004	mg/l	J	0.010
DUPLICATE	BK32365	SW6010	12/08/15	2	Iron	3.08	mg/l	J+	0.02
DUPLICATE	BK32365	SW6010	12/08/15	2	Lead		mg/l	U	0.004
DUPLICATE	BK32365	SW6010	12/08/15	100	Magnesium	53.2	mg/l		1.0
DUPLICATE	BK32365	SW6010	12/08/15	2	Manganese	0.119	mg/l		0.010
DUPLICATE	BK32365	SW6010	12/08/15	2	Nickel	0.006	mg/l	U	0.008
DUPLICATE	BK32365	SW6010	12/08/15	100	Potassium	36	mg/l	J+	10
DUPLICATE	BK32365	SW6010	12/08/15	2	Selenium		mg/l	U	0.01
DUPLICATE	BK32365	SW6010	12/08/15	2	Silver		mg/l	U	0.010
DUPLICATE	BK32365	SW6010	12/08/15	100	Sodium	818	mg/l		10
DUPLICATE	BK32365	SW6010	12/08/15	2	Zinc (Dissolved)	0.004	mg/l	J	0.021
DUPLICATE	BK32365	SW6010	12/08/15	2	Vanadium	0.004	mg/l	J	0.020
DUPLICATE	BK32365	SW6010	12/08/15	2	Zinc	0.009	mg/l	J	0.020
DUPLICATE	BK32365	SW7470	12/07/15	1	Mercury (Dissolved)		mg/l	U	0.0002
DUPLICATE	BK32365	SW7470	12/07/15	1	Mercury		mg/l	U	0.0002
DUPLICATE	BK32365	SW8081	12/05/15	1	Heptachlor Epoxide		ug/l	U	0.010
DUPLICATE	BK32365	SW8081	12/05/15	1	Endosulfan Sulfate		ug/l	U	0.010
DUPLICATE	BK32365	SW8081	12/05/15	1	Alachlor		ug/l	U	0.075
DUPLICATE	BK32365	SW8081	12/05/15	1	Aldrin		ug/l	U	0.002
DUPLICATE	BK32365	SW8081	12/05/15	1	Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/l	U	0.005
DUPLICATE	BK32365	SW8081	12/05/15	1	Beta Bhc (Beta Hexachlorocyclohexane)		ug/l	U	0.005
DUPLICATE	BK32365	SW8081	12/05/15	1	Delta BHC (Delta Hexachlorocyclohexane)		ug/l	U	0.005
DUPLICATE	BK32365	SW8081	12/05/15	1	Beta Endosulfan		ug/l	U	0.010



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BK32365	SW8081	12/05/15	1	P,P'-DDT		ug/l	U	0.010
DUPLICATE	BK32365	SW8081	12/05/15	1	cis-Chlordane		ug/l	U	0.010
DUPLICATE	BK32365	SW8081	12/05/15	1	trans-Chlordane		ug/l	U	0.010
DUPLICATE	BK32365	SW8081	12/05/15	1	Endrin Ketone		ug/l	U	0.010
DUPLICATE	BK32365	SW8081	12/05/15	1	Chlordane		ug/l	U	0.050
DUPLICATE	BK32365	SW8081	12/05/15	1	Gamma Bhc (Lindane)		ug/l	U	0.005
DUPLICATE	BK32365	SW8081	12/05/15	1	Dieldrin		ug/l	U	0.002
DUPLICATE	BK32365	SW8081	12/05/15	1	Endrin		ug/l	U	0.010
DUPLICATE	BK32365	SW8081	12/05/15	1	Methoxychlor		ug/l	U	0.10
DUPLICATE	BK32365	SW8081	12/05/15	1	P,P'-DDD		ug/l	U	0.010
DUPLICATE	BK32365	SW8081	12/05/15	1	P,P'-DDE		ug/l	U	0.010
DUPLICATE	BK32365	SW8081	12/05/15	1	Endrin Aldehyde		ug/l	U	0.010
DUPLICATE	BK32365	SW8081	12/05/15	1	Heptachlor		ug/l	U	0.010
DUPLICATE	BK32365	SW8081	12/05/15	1	Toxaphene		ug/l	U	0.20
DUPLICATE	BK32365	SW8081	12/05/15	1	Alpha Endosulfan		ug/l	U	0.010
DUPLICATE	BK32365	SW8082	12/05/15	1	PCB-1260 (Aroclor 1260)		ug/l	U	0.050
DUPLICATE	BK32365	SW8082	12/05/15	1	PCB-1254 (Aroclor 1254)		ug/l	U	0.050
DUPLICATE	BK32365	SW8082	12/05/15	1	PCB-1268 (Aroclor 1268)		ug/l	U	0.050
DUPLICATE	BK32365	SW8082	12/05/15	1	PCB-1221 (Aroclor 1221)		ug/l	U	0.050
DUPLICATE	BK32365	SW8082	12/05/15	1	PCB-1232 (Aroclor 1232)		ug/l	U	0.050
DUPLICATE	BK32365	SW8082	12/05/15	1	PCB-1248 (Aroclor 1248)		ug/l	U	0.050
DUPLICATE	BK32365	SW8082	12/05/15	1	PCB-1016 (Aroclor 1016)		ug/l	U	0.050
DUPLICATE	BK32365	SW8082	12/05/15	1	PCB-1262 (Aroclor 1262)		ug/l	U	0.050
DUPLICATE	BK32365	SW8082	12/05/15	1	PCB-1242 (Aroclor 1242)		ug/l	U	0.050
DUPLICATE	BK32365	SW8260	12/08/15	1	Ethylbenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Styrene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Cis-1,3-Dichloropropene		ug/l	U	0.40
DUPLICATE	BK32365	SW8260	12/08/15	1	Trans-1,3-Dichloropropene		ug/l	U	0.40
DUPLICATE	BK32365	SW8260	12/08/15	1	N-Propylbenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	N-Butylbenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	4-Chlorotoluene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,4-Dichlorobenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Acrolein		ug/l	UJ	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,2-Dichloroethane		ug/l	U	0.60
DUPLICATE	BK32365	SW8260	12/08/15	1	Acrylonitrile		ug/l	U	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/l	UJ	2.5
DUPLICATE	BK32365	SW8260	12/08/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Bromobenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Toluene		ug/l	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BK32365	SW8260	12/08/15	1	Chlorobenzene		ug/l	U	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Tetrahydrofuran		ug/l	UJ	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Trans-1,4-Dichloro-2-Butene		ug/l	U	2.5
DUPLICATE	BK32365	SW8260	12/08/15	1	1,2,4-Trichlorobenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Dibromochloromethane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Tetrachloroethylene (PCE)		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Sec-Butylbenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,3-Dichloropropane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Cis-1,2-Dichloroethylene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Trans-1,2-Dichloroethene		ug/l	U	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Chloromethane	15	ug/l		5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	m,p-Xylene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	O-Cymene (O-Isopropyltoluene)		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,3-Dichlorobenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Carbon Tetrachloride		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,1-Dichloropropene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	2-Hexanone		ug/l	U	2.5
DUPLICATE	BK32365	SW8260	12/08/15	1	2,2-Dichloropropane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,1,1,2-Tetrachloroethane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Acetone		ug/l	UJ	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Chloroform		ug/l	U	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Benzene		ug/l	U	0.70
DUPLICATE	BK32365	SW8260	12/08/15	1	1,1,1-Trichloroethane		ug/l	U	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Bromomethane		ug/l	UJ	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Tert-Butyl Methyl Ether	5.1	ug/l		1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Dibromomethane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Bromochloromethane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Chloroethane		ug/l	U	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Vinyl Chloride		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Methylene Chloride		ug/l	UJ	3.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Carbon Disulfide		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Bromoform		ug/l	U	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Bromodichloromethane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,1-Dichloroethane		ug/l	U	5.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,1-Dichloroethene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Trichlorofluoromethane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Dichlorodifluoromethane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,2-Dichloropropane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/l	UJ	2.5



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BK32365	SW8260	12/08/15	1	1,1,2-Trichloroethane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Trichloroethylene (TCE)		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,1,2,2-Tetrachloroethane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,2,3-Trichlorobenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Hexachlorobutadiene		ug/l	UJ	0.50
DUPLICATE	BK32365	SW8260	12/08/15	1	Naphthalene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	2-Chlorotoluene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,2-Dichlorobenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,2,4-Trimethylbenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,2-Dibromo-3-Chloropropane		ug/l	UJ	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	1,2,3-Trichloropropane		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	T-Butylbenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Isopropylbenzene (Cumene)		ug/l	U	1.0
DUPLICATE	BK32365	SW8260	12/08/15	1	Cymene		ug/l	U	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	4-Nitroaniline		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	4-Nitrophenol		ug/l	U	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	4-Bromophenyl Phenyl Ether		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	2,4-Dimethylphenol		ug/l	UJ	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	1,4-Dichlorobenzene		ug/l	UJ	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	4-Chloroaniline		ug/l	U	3.5
DUPLICATE	BK32365	SW8270	12/09/15	1	Phenol		ug/l	U	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Pyridine		ug/l	UJ	10
DUPLICATE	BK32365	SW8270	12/09/15	1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		ug/l	UJ	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Bis(2-Chloroethoxy) Methane		ug/l	UJ	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Di-N-Octylphthalate		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Anthracene		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	1,2,4-Trichlorobenzene		ug/l	UJ	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	2,4-Dichlorophenol		ug/l	UJ	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	2,4-Dinitrotoluene		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	1,2-Diphenylhydrazine		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Pyrene		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Dimethyl Phthalate		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Dibenzofuran		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Fluoranthene		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	2,2-Oxybis(2-Chloropropane)		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	2,4-Dinitrophenol		ug/l	UJ	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	4,6-Dinitro-2-Methylphenol		ug/l	U	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	1,3-Dichlorobenzene		ug/l	UJ	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	4-Chloro-3-Methylphenol		ug/l	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BK32365	SW8270	12/09/15	1	2,6-Dinitrotoluene		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	N-Nitrosodi-N-Propylamine		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Aniline		ug/l	UJ	3.5
DUPLICATE	BK32365	SW8270	12/09/15	1	N-Nitrosodimethylamine		ug/l	UJ	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Benzoic Acid		ug/l	UJ	25
DUPLICATE	BK32365	SW8270	12/09/15	1	4-Chlorophenyl Phenyl Ether		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Hexachlorocyclopentadiene		ug/l	UJ	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Isophorone		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Acenaphthene		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Diethyl Phthalate		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Di-N-Butyl Phthalate		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Benzyl Butyl Phthalate		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	N-Nitrosodiphenylamine		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Fluorene		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Carbazole		ug/l	UJ	25
DUPLICATE	BK32365	SW8270	12/09/15	1	2,4,6-Trichlorophenol		ug/l	U	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	2-Nitroaniline		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	2-Nitrophenol		ug/l	UJ	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Naphthalene		ug/l	UJ	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	2-Methylnaphthalene		ug/l	UJ	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	2-Chloronaphthalene		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	3,3'-Dichlorobenzidine		ug/l	UJ	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Benzidine		ug/l	R	4.5
DUPLICATE	BK32365	SW8270	12/09/15	1	2-Methylphenol (O-Cresol)		ug/l	U	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	1,2-Dichlorobenzene		ug/l	U	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	2-Chlorophenol		ug/l	U	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	2,4,5-Trichlorophenol		ug/l	U	1.0
DUPLICATE	BK32365	SW8270	12/09/15	1	Acetophenone		ug/l	U	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	3-Nitroaniline		ug/l	UJ	5.0
DUPLICATE	BK32365	SW8270	12/09/15	1	3- And 4- Methylphenol (Total)		ug/l	U	1.0
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Bis(2-Ethylhexyl) Phthalate		ug/l	U	1.0
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Hexachlorobenzene		ug/l	U	0.02
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Benzo(G,H,I)Perylene		ug/l	U	0.02
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Indeno(1,2,3-C,D)Pyrene		ug/l	U	0.02
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Benzo(B)Fluoranthene		ug/l	U	0.02
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Benzo(K)Fluoranthene		ug/l	U	0.02
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Acenaphthylene		ug/l	U	0.10
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Chrysene		ug/l	U	0.02
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Benzo(A)Pyrene		ug/l	U	0.02
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Dibenz(A,H)Anthracene		ug/l	U	0.02



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Benzo(A)Anthracene		ug/l	U	0.02
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Hexachloroethane		ug/l	UJ	0.50
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Pentachloronitrobenzene		ug/l	U	0.10
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Phenanthrene		ug/l	U	0.10
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Hexachlorobutadiene		ug/l	UJ	0.40
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Pentachlorophenol		ug/l	U	0.80
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	1,2,4,5-Tetrachlorobenzene		ug/l	U	0.50
DUPLICATE	BK32365	SW8270C-SIM	12/09/15	1	Nitrobenzene		ug/l	UJ	0.10
BK32366-TB	BK32366	SW8260	12/05/15	1	Ethylbenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Styrene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Cis-1,3-Dichloropropene		ug/l	U	0.40
BK32366-TB	BK32366	SW8260	12/05/15	1	Trans-1,3-Dichloropropene		ug/l	U	0.40
BK32366-TB	BK32366	SW8260	12/05/15	1	N-Propylbenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	N-Butylbenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	4-Chlorotoluene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,4-Dichlorobenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,2-Dibromoethane (Ethylene Dibromide)		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Acrolein		ug/l	UJ	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,2-Dichloroethane		ug/l	U	0.60
BK32366-TB	BK32366	SW8260	12/05/15	1	Acrylonitrile		ug/l	U	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		ug/l	UJ	2.5
BK32366-TB	BK32366	SW8260	12/05/15	1	1,3,5-Trimethylbenzene (Mesitylene)		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Bromobenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Toluene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Chlorobenzene		ug/l	U	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Tetrahydrofuran		ug/l	U	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Trans-1,4-Dichloro-2-Butene		ug/l	UJ	2.5
BK32366-TB	BK32366	SW8260	12/05/15	1	1,2,4-Trichlorobenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Dibromochloromethane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Tetrachloroethylene (PCE)		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Sec-Butylbenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,3-Dichloropropane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Cis-1,2-Dichloroethylene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Trans-1,2-Dichloroethene		ug/l	U	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Tert-Butyl Methyl Ether		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	m,p-Xylene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	O-Cymene (O-Isopropyltoluene)		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,3-Dichlorobenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Carbon Tetrachloride		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,1-Dichloropropene		ug/l	U	1.0



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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BK32366-TB	BK32366	SW8260	12/05/15	1	2-Hexanone		ug/l	U	2.5
BK32366-TB	BK32366	SW8260	12/05/15	1	2,2-Dichloropropane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,1,1,2-Tetrachloroethane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Acetone		ug/l	UJ	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Chloroform		ug/l	U	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Benzene		ug/l	U	0.70
BK32366-TB	BK32366	SW8260	12/05/15	1	1,1,1-Trichloroethane		ug/l	U	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Bromomethane		ug/l	UJ	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Chloromethane		ug/l	U	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Dibromomethane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Bromochloromethane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Chloroethane		ug/l	U	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Vinyl Chloride		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Methylene Chloride		ug/l	U	3.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Carbon Disulfide		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Bromoform		ug/l	U	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Bromodichloromethane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,1-Dichloroethane		ug/l	U	5.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,1-Dichloroethene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Trichlorofluoromethane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Dichlorodifluoromethane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,1,2-Trichloro-1,2,2-Trifluoroethane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,2-Dichloropropane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Methyl Ethyl Ketone (2-Butanone)		ug/l	U	2.5
BK32366-TB	BK32366	SW8260	12/05/15	1	1,1,2-Trichloroethane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Trichloroethylene (TCE)		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,1,2,2-Tetrachloroethane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,2,3-Trichlorobenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Hexachlorobutadiene		ug/l	UJ	0.50
BK32366-TB	BK32366	SW8260	12/05/15	1	Naphthalene		ug/l	UJ	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	O-Xylene (1,2-Dimethylbenzene)		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	2-Chlorotoluene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,2-Dichlorobenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,2,4-Trimethylbenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,2-Dibromo-3-Chloropropane		ug/l	UJ	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	1,2,3-Trichloropropane		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	T-Butylbenzene		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Isopropylbenzene (Cumene)		ug/l	U	1.0
BK32366-TB	BK32366	SW8260	12/05/15	1	Cymene		ug/l	U	1.0

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32349
Client: Environmental Business Consultants
Date: 02/03/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for three (3) air samples analyzed for Volatiles by TO-15 in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 12/02/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
SS1	BK32349	12/02/15	VOA	Air	
SS3	BK32350	12/02/15	VOA	Air	
SS5	BK32351	12/02/15	VOA	Air	

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All air samples were analyzed within the method holding time for summa canisters (30 days). No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration (IC):

1. Initial calibration (IC) curve analyzed on 12/03/2015 (Chem20) exhibited acceptable %RSDs ($\leq 30.0\%$) for all compounds and average RRF values (≥ 0.050) for all compounds with the exception of some compounds listed in section 15.5, Page 13 in SOP # HW-31, were ≥ 0.01 . No qualifications were required.
2. Initial calibration (IC) curve analyzed on 12/03/2015 (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 . No qualifications were required.

Continuing Calibration Verification (CCV):

1. CCV analyzed on 12/07/2015 @ 16:39 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
1,2,4-Trichlorobenzene	47.4

Client Sample ID	Laboratory Sample ID	Compound	Action
SS3	BK32350	1,2,4-Trichlorobenzene	UJ
SS5	BK32351	1,2,4-Trichlorobenzene	UJ

2. CCV analyzed on 12/07/2015 @ 17:14 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.
3. CCV analyzed on 12/08/2015 @ 13:21 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
1,2,4-Trichlorobenzene ⁽¹⁾	49.6

(1) Results were previously qualified due to initial CCV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
SS3	BK32350	1,2,4-Trichlorobenzene	UJ
SS5	BK32351	1,2,4-Trichlorobenzene	UJ

4. CCV analyzed on 12/08/2015 @ 13:55 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
2-Hexanone	39.4

Client Sample ID	Laboratory Sample ID	Compound	Action
SS3	BK32350	2-Hexanone	UJ
SS5	BK32351	2-Hexanone	UJ

5. CCV analyzed on 12/04/2015 @ 09:07 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
Benzyl chloride	-40.6

Client Sample ID	Laboratory Sample ID	Compound	Action
SS1	BK32349	Benzyl chloride	UJ
SS3	BK32350	Benzyl chloride	UJ
SS5	BK32351	Benzyl chloride	UJ

6. CCV analyzed on 12/04/2015 @ 09:36 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.

Surrogates:

1. 4-Bromofluorobenzene (BFB) surrogate spike recovered within the laboratory control limits (60-140%). No qualifications were required.

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB), Equipment Blank (EB) and Canister Certification:

1. Method Blank (BLANK BK29743) analyzed on 12/04/15 was free of contamination. No qualifications were required.
2. Method Blank (BLANK BK33432) analyzed on 12/07/15 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	SS5	11287	U
		Methyl Ethyl Ketone	0.490	2.45	SS5	11287	U
BLK 770	11/13/15	Ethanol	0.820	4.10	SS1 SS3	220 497	None None
		Methyl Ethyl Ketone	0.340	1.70	SS1 SS3	220 497	None None

*= If sample concentration less than the certification contamination level (CCL), then sample result qualified as non-detect (U). If sample concentration greater than the certification contamination level (CCL) or sample result was not detected, no

qualifications/action required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample (LCS BK29743) was analyzed on 12/04/2015. All %RECs were within the laboratory control limits with the following exceptions(s):

Compound	%R	Sample Affected	Action
1,3-Butadiene	50	SS1, SS3, SS5	UJ

2. Laboratory Control Sample (LCS BK33432) was analyzed on 12/07/2015. All %RECs were within the laboratory control limits. with the following exceptions(s):

Compound	%R	Sample Affected	Action
1,3-Butadiene	41	SS3 DL, SS5 DL	None

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:

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

SS1 (BK32349)

Toluene

Result (ppbv) = 0.834

Molecular Weight @ 25°C=92.14

DF = 1

Concentration ($\mu\text{g}/\text{m}^3$) = $\frac{0.834 \times 92.14 \times 1}{24.46} = 3.14\mu\text{g}/\text{m}^3$

Compound	Laboratory ($\mu\text{g}/\text{m}^3$)	Validation ($\mu\text{g}/\text{m}^3$)	%D
Toluene	3.14	3.14	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: GBK32349.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32349.



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32349**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SS1	BK32349	TO15	12/4/2015	1	Ethylbenzene	1.12	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	Styrene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Benzyl chloride		ug/m3	UJ	1.00
SS1	BK32349	TO15	12/4/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	n-Butylbenzene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SS1	BK32349	TO15	12/4/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Acrylonitrile		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	1,3,5-Trimethylbenzene	2.56	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	Toluene	3.14	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	Chlorobenzene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Hexane	3.14	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	Cyclohexane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Propylene	2.68	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	1,4-Dioxane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Dibromochloromethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Tetrachloroethene	0.37	ug/m3		0.25
SS1	BK32349	TO15	12/4/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Ethyl acetate		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Heptane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	m,p-Xylene	5.55	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Carbon Tetrachloride	0.46	ug/m3		0.25
SS1	BK32349	TO15	12/4/2015	1	2-Hexanone(MBK)		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	4-Ethyltoluene	1.51	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Ethanol	14.2	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	Isopropylalcohol	1.46	ug/m3		1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32349**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SS1	BK32349	TO15	12/4/2015	1	Acetone	53.2	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	Chloroform		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Benzene	1.28	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Bromomethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Chloromethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Chloroethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Vinyl Chloride		ug/m3	U	0.25
SS1	BK32349	TO15	12/4/2015	1	Methylene Chloride	1.68	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	Carbon Disulfide		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Bromoform		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Bromodichloromethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Trichlorofluoromethane	1.33	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	Dichlorodifluoromethane	1.80	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Methyl Ethyl Ketone	5.13	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Trichloroethene		ug/m3	U	0.25
SS1	BK32349	TO15	12/4/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	o-Xylene	2.91	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	1,2,4-Trimethylbenzene	6.09	ug/m3		1.00
SS1	BK32349	TO15	12/4/2015	1	Isopropylbenzene		ug/m3	U	1.00
SS1	BK32349	TO15	12/4/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Ethylbenzene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Styrene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Benzyl chloride		ug/m3	UJ	1.00
SS3	BK32350	TO15	12/4/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	n-Butylbenzene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32349**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SS3	BK32350	TO15	12/4/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SS3	BK32350	TO15	12/4/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Acrylonitrile		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	4-Methyl-2-pentanone(MIBK)	1.23	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	1,3,5-Trimethylbenzene	1.61	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	Toluene	5.39	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	Chlorobenzene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Hexane	2.83	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	Cyclohexane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Propylene	1.81	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SS3	BK32350	TO15	12/4/2015	1	1,4-Dioxane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Dibromochloromethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Tetrachloroethene	0.26	ug/m3		0.25
SS3	BK32350	TO15	12/4/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Ethyl acetate	1.09	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	Heptane	1.22	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	m,p-Xylene	3.66	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Carbon Tetrachloride	0.43	ug/m3		0.25
SS3	BK32350	TO15	12/4/2015	1	2-Hexanone(MBK)		ug/m3	UJ	1.00
SS3	BK32350	TO15	12/4/2015	1	4-Ethyltoluene	1.04	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Isopropylalcohol	10.1	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	Chloroform		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Benzene	1.10	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Bromomethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Chloromethane	1.14	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	Chloroethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Vinyl Chloride		ug/m3	U	0.25
SS3	BK32350	TO15	12/4/2015	1	Methylene Chloride	1.92	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	Carbon Disulfide		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32349**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SS3	BK32350	TO15	12/4/2015	1	Bromoform		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Bromodichloromethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Trichlorofluoromethane	1.29	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	Dichlorodifluoromethane	1.86	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Methyl Ethyl Ketone	8.69	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Trichloroethene		ug/m3	U	0.25
SS3	BK32350	TO15	12/4/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	o-Xylene	1.92	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	1,2,4-Trimethylbenzene	4.06	ug/m3		1.00
SS3	BK32350	TO15	12/4/2015	1	Isopropylbenzene		ug/m3	U	1.00
SS3	BK32350	TO15	12/4/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SS3	BK32350	TO15	12/7/2015	5	Ethanol	98.3	ug/m3		5.01
SS3	BK32350	TO15	12/7/2015	5	Acetone	139	ug/m3		5.01
SS5	BK32351	TO15	12/4/2015	1	Ethylbenzene	2.30	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Styrene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Benzyl chloride		ug/m3	UJ	1.00
SS5	BK32351	TO15	12/4/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	n-Butylbenzene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SS5	BK32351	TO15	12/4/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Acrylonitrile		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	4-Methyl-2-pentanone(MIBK)	2.54	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	1,3,5-Trimethylbenzene	3.02	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Toluene	10.4	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Chlorobenzene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Tetrahydrofuran		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32349**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SS5	BK32351	TO15	12/4/2015	1	Hexane	1.76	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Cyclohexane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Propylene	2.46	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SS5	BK32351	TO15	12/4/2015	1	1,4-Dioxane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Dibromochloromethane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Tetrachloroethene	0.77	ug/m3		0.25
SS5	BK32351	TO15	12/4/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Ethyl acetate	2.85	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Heptane	1.53	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Methyl tert-butyl ether(MTBE)	6.92	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	m,p-Xylene	9.33	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Carbon Tetrachloride	0.45	ug/m3		0.25
SS5	BK32351	TO15	12/4/2015	1	2-Hexanone(MBK)		ug/m3	UJ	1.00
SS5	BK32351	TO15	12/4/2015	1	4-Ethyltoluene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Ethanol	12.9	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Isopropylalcohol	3.02	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Chloroform		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Benzene	2.12	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Bromomethane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Chloromethane	1.03	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Chloroethane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Vinyl Chloride		ug/m3	U	0.25
SS5	BK32351	TO15	12/4/2015	1	Methylene Chloride	2.48	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Carbon Disulfide		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Bromoform		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Bromodichloromethane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Trichlorofluoromethane	1.35	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Dichlorodifluoromethane	1.73	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00



2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32349

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SS5	BK32351	TO15	12/4/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Methyl Ethyl Ketone	10.3	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Trichloroethene		ug/m3	U	0.25
SS5	BK32351	TO15	12/4/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	o-Xylene	5.68	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	1,2,4-Trimethylbenzene	3.97	ug/m3		1.00
SS5	BK32351	TO15	12/4/2015	1	Isopropylbenzene		ug/m3	U	1.00
SS5	BK32351	TO15	12/4/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SS5	BK32351	TO15	12/7/2015	5	Acetone	102	ug/m3		5.01

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

Project Name: 2401 3rd Avenue
Location: Bronx, New York
Project Number: 3020-020
SDG #: GBK32352
Client: Environmental Business Consultants
Date: 02/05/2016
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for ten (10) air samples analyzed for Volatiles by TO-15 in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 12/02/2015. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 12/04/2015 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
SG1	BK32352	12/01/15	VOA	Air	
SG2	BK32353	12/01/15	VOA	Air	
SG3	BK32354	12/01/15	VOA	Air	
SG4	BK32355	12/01/15	VOA	Air	
SG7	BK32356	12/01/15	VOA	Air	
SG8	BK32357	12/01/15	VOA	Air	
SG9	BK32358	12/01/15	VOA	Air	
SG5	BK32359	12/01/15	VOA	Air	
SS4	BK32360	12/01/15	VOA	Air	
SS2	BK32361	12/01/15	VOA	Air	

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All air samples were analyzed within the method holding time for summa canisters (30 days). No qualifications were required.

GC/MS Tuning:

1. All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration (IC):

1. Initial calibration (IC) curve analyzed on 12/03/2015 (Chem20) exhibited acceptable %RSDs ($\leq 30.0\%$) for all compounds and average RRF values (≥ 0.050) for all compounds with the exception of some compounds listed in section 15.5, Page 13 in SOP # HW-31, were ≥ 0.01 . No qualifications were required.

- Initial calibration (IC) curve analyzed on 12/03/2015 (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 . No qualifications were required.

Continuing Calibration Verification (CCV):

- CCV analyzed on 12/06/2015 @ 17:50 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
1,2,4-Trichlorobenzene	50.3

Client Sample ID	Laboratory Sample ID	Compound	Action
SG7	BK32356	1,2,4-Trichlorobenzene	UJ
SG8	BK32357	1,2,4-Trichlorobenzene	UJ
SG9	BK32358	1,2,4-Trichlorobenzene	UJ
SG5	BK32359	1,2,4-Trichlorobenzene	UJ
SS4	BK32360	1,2,4-Trichlorobenzene	UJ
SS2	BK32361	1,2,4-Trichlorobenzene	UJ
SG7 DL 5	BK32356	None	None
SG9 DL 10	BK32358	None	None

- CCV analyzed on 12/06/2015 @ 18:25 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.
- CCV analyzed on 12/07/2015 @ 16:39 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
1,2,4-Trichlorobenzene	47.4

Client Sample ID	Laboratory Sample ID	Compound	Action
SG1 DL 30	BK32352	None	None
SG2 DL 30	BK32353	None	None
SG3 DL 30	BK32354	None	None
SG4 DL 30	BK32355	None	None
SG5 DL 30	BK32359	None	None
SG3 DL 75	BK32354	None	None
SG4 DL 75	BK32355	None	None
SG5 DL 75	BK32359	None	None
SG8 DL 75	BK32357	None	None

4. CCV analyzed on 12/07/2015 @ 17:14 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.
5. CCV analyzed on 12/08/2015 @ 13:21 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
1,2,4-Trichlorobenzene	49.6

Client Sample ID	Laboratory Sample ID	Compound	Action
SG1 DL 30	BK32352	None	None
SG2 DL 30	BK32353	None	None
SG3 DL 30	BK32354	None	None
SG4 DL 30	BK32355	None	None
SG5 DL 30	BK32359	None	None
SG3 DL 75	BK32354	None	None
SG4 DL 75	BK32355	None	None
SG5 DL 75	BK32359	None	None
SG8 DL 75	BK32357	None	None

6. CCV analyzed on 12/08/2015 @ 13:55 (CHEM20) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
2-Hexanone	39.4

Client Sample ID	Laboratory Sample ID	Compound	Action
SG1 DL 30	BK32352	None	None
SG2 DL 30	BK32353	None	None
SG3 DL 30	BK32354	None	None
SG4 DL 30	BK32355	None	None
SG5 DL 30	BK32359	None	None
SG3 DL 75	BK32354	None	None
SG4 DL 75	BK32355	None	None
SG5 DL 75	BK32359	None	None
SG8 DL 75	BK32357	None	None

7. CCV analyzed on 12/04/2015 @ 09:07 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds with the following exception(s):

Compound	%D
1,2,4-Trichlorobenzene ⁽¹⁾	-40.6

(1) Results were previously qualified due to initial CCV criteria.

Client Sample ID	Laboratory Sample ID	Compound	Action
SG1	BK32352	1,2,4-Trichlorobenzene	UJ
SG2	BK32353	1,2,4-Trichlorobenzene	UJ
SG3	BK32354	1,2,4-Trichlorobenzene	UJ
SG4	BK32355	1,2,4-Trichlorobenzene	UJ

8. CCV analyzed on 12/04/2015 @ 09:36 (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.

Surrogates:

1. 4-Bromofluorobenzene (BFB) surrogate spike recovered within the laboratory control limits (60-140%) with the following exception(s):

Client Sample ID	Laboratory Sample ID	Surrogate	Compound	Action
SG2	BK32353	BFB* (190%)	Positive hits only (Not diluted) – J Non-detects – no qualifications	J

* BFB = Bromofluorobenzene

Internal Standard (IS) Area Performance:

1. All samples exhibited acceptable area count for all three internal standards within the QC limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB), Equipment Blank (EB) and Canister Certification:

- Method Blank (BLANK BK29743) analyzed on 12/04/15 was free of contamination. No qualifications were required.
- Method Blank (BLANK BK32356) analyzed on 12/07/15 was free of contamination. No qualifications were required.
- Method Blank (BLANK BK33432) analyzed on 12/07/15 was free of contamination. No qualifications were required.
- Canister Certification Check:

Laboratory Sample ID	Date Analyzed	Compound	Result (ppbv)	Certification Contamination Level (5x)* (ppbv)	Sample Affected	Canister ID #	Action
BLK 768	11/16/15	Tetrachloroethene	0.044	0.22	SG9 SG1 SS2 SG5	11290 12854 12859 13638	None None None U
BLK 769	11/13/15	None	-	-	SG8 SS4 SG3	11257 13648 464	None
BLK 772	11/16/15	Ethanol	0.880	4.4	SG7 SG4	12871 13647	None None
BLK 770	11/13/15	Ethanol	0.820	4.10	SG2	491	None
		Methyl Ethyl Ketone	0.340	1.70	SG2	491	None

*= If sample concentration less than the certification contamination level (CCL), then sample result qualified as non-detect (U). If sample concentration greater than the certification contamination level (CCL) or sample result was not detected, no qualifications/action required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample (LCS BK29743) was analyzed on 12/04/2015. All %RECs were within the laboratory control limits with the following exceptions(s):

Compound	%R	Sample Affected	Action
1,3-Butadiene	50	SG1, SG2, SG3, SG4	UJ

2. Laboratory Control Sample (LCS BK33432) was analyzed on 12/07/2015. All %RECs were within the laboratory control limits with the following exceptions(s):

Compound	%R	Sample Affected	Action
1,3-Butadiene	41	SG1 DL, SG2 DL, SG3 DL A, SG4 DL A, SG5 DL A, SG3 DL B, SG4 DL B, SG8 DL, SG5 DL B	None
1,2,4-Trichlorobenzene	140	SG1 DL, SG2 DL, SG3 DL A, SG4 DL A, SG5 DL A, SG3 DL B, SG4 DL B, SG8 DL, SG5 DL B	None

3. Laboratory Control Sample (LCS BK32356) was analyzed on 12/07/2015. All %RECs were within the laboratory control limits with the following exceptions(s):

Compound	%R	Sample Affected	Action
1,3-Butadiene	44	SG7, SG8, SG9, SG5, SS4, SS2	UJ
1,2,4-Trichlorobenzene	142	SG7, SG8, SG9, SG5, SS4, SS2	None

Field Duplicate:

1. A field duplicate pair was not submitted with this SDG.

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range with the following exception(s):

Client Sample ID	Laboratory Sample ID	Compound	Action
SG4	BK32355	Ethanol	J
SG8	BK32357	Ethanol	J

2. Manual Calculation:

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

SS4 (BK32360)

Toluene

Result (ppbv) = 5.14

Molecular Weight @ 25°C=92.14

DF = 1

$$\text{Concentration } (\mu\text{g}/\text{m}^3) = \frac{5.14 \times 92.14 \times 1}{24.46} = 19.40 \mu\text{g}/\text{m}^3$$

Compound	Laboratory ($\mu\text{g}/\text{m}^3$)	Validation ($\mu\text{g}/\text{m}^3$)	%D
Toluene	19.4	19.4	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: GBK32352.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBK32352.



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG1	BK32352	TO15	12/4/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SG1	BK32352	TO15	12/4/2015	1	1,2,4-Trimethylbenzene	1.63	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SG1	BK32352	TO15	12/4/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	1,4-Dioxane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	4-Ethyltoluene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG1	BK32352	TO15	12/7/2015	30	Acetone	434	ug/m3		29.9
SG1	BK32352	TO15	12/4/2015	1	Acrylonitrile		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Benzene	2.51	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	Benzyl chloride		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Bromodichloromethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Bromoform		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Bromomethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Carbon Disulfide	13.9	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	Carbon Tetrachloride	0.28	ug/m3		0.25
SG1	BK32352	TO15	12/4/2015	1	Chlorobenzene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Chloroethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Chloroform		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Chloromethane	2.64	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG1	BK32352	TO15	12/4/2015	1	Cyclohexane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Dibromochloromethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Dichlorodifluoromethane	1.70	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	Ethanol	13.3	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	Ethyl acetate		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Ethylbenzene	1.19	ug/m3		1.00
SG1	BK32352	TO15	12/7/2015	30	Heptane	561	ug/m3		30.0
SG1	BK32352	TO15	12/4/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SG1	BK32352	TO15	12/7/2015	30	Hexane	1310	ug/m3		30.0
SG1	BK32352	TO15	12/4/2015	1	Isopropylalcohol	5.97	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	Isopropylbenzene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	m,p-Xylene	1.93	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	Methyl Ethyl Ketone	10.9	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Methylene Chloride	2.51	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	n-Butylbenzene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	o-Xylene	1.03	ug/m3		1.00
SG1	BK32352	TO15	12/7/2015	30	Propylene	61.7	ug/m3		29.9
SG1	BK32352	TO15	12/4/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Styrene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Tetrachloroethene		ug/m3	U	0.25
SG1	BK32352	TO15	12/4/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Toluene	2.82	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Trichloroethene		ug/m3	U	0.25
SG1	BK32352	TO15	12/4/2015	1	Trichlorofluoromethane	1.01	ug/m3		1.00
SG1	BK32352	TO15	12/4/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG1	BK32352	TO15	12/4/2015	1	Vinyl Chloride		ug/m3	U	0.25
SG2	BK32353	TO15	12/4/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SG2	BK32353	TO15	12/4/2015	1	1,2,4-Trimethylbenzene	1.64	ug/m3	J	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG2	BK32353	TO15	12/4/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SG2	BK32353	TO15	12/4/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	1,4-Dioxane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	4-Ethyltoluene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG2	BK32353	TO15	12/7/2015	30	Acetone	622	ug/m3		29.9
SG2	BK32353	TO15	12/4/2015	1	Acrylonitrile		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Benzene	9.9	ug/m3	J	1.00
SG2	BK32353	TO15	12/4/2015	1	Benzyl chloride		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Bromodichloromethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Bromoform		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Bromomethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Carbon Disulfide	38.3	ug/m3	J	1.00
SG2	BK32353	TO15	12/4/2015	1	Carbon Tetrachloride	0.26	ug/m3	J	0.25
SG2	BK32353	TO15	12/4/2015	1	Chlorobenzene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Chloroethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Chloroform		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Chloromethane	3.74	ug/m3	J	1.00
SG2	BK32353	TO15	12/4/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Cyclohexane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Dibromochloromethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Dichlorodifluoromethane	1.63	ug/m3	J	1.00
SG2	BK32353	TO15	12/4/2015	1	Ethanol	10.9	ug/m3	J	1.00
SG2	BK32353	TO15	12/4/2015	1	Ethyl acetate		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Ethylbenzene		ug/m3	U	1.00
SG2	BK32353	TO15	12/7/2015	30	Heptane	2840	ug/m3		30.0
SG2	BK32353	TO15	12/4/2015	1	Hexachlorobutadiene		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG2	BK32353	TO15	12/7/2015	30	Hexane	2520	ug/m3		30.0
SG2	BK32353	TO15	12/4/2015	1	Isopropylalcohol	6.29	ug/m3	J	1.00
SG2	BK32353	TO15	12/4/2015	1	Isopropylbenzene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	m,p-Xylene	3.37	ug/m3	J	1.00
SG2	BK32353	TO15	12/4/2015	1	Methyl Ethyl Ketone	14.8	ug/m3	J	1.00
SG2	BK32353	TO15	12/4/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Methylene Chloride		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	n-Butylbenzene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	o-Xylene		ug/m3	U	1.00
SG2	BK32353	TO15	12/7/2015	30	Propylene	501	ug/m3		29.9
SG2	BK32353	TO15	12/4/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Styrene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Tetrachloroethene	0.26	ug/m3	J	0.25
SG2	BK32353	TO15	12/4/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Toluene	5.57	ug/m3	J	1.00
SG2	BK32353	TO15	12/4/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Trichloroethene		ug/m3	U	0.25
SG2	BK32353	TO15	12/4/2015	1	Trichlorofluoromethane	1.11	ug/m3	J	1.00
SG2	BK32353	TO15	12/4/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG2	BK32353	TO15	12/4/2015	1	Vinyl Chloride		ug/m3	U	0.25
SG3	BK32354	TO15	12/4/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SG3	BK32354	TO15	12/4/2015	1	1,2,4-Trimethylbenzene	1.08	ug/m3		1.00
SG3	BK32354	TO15	12/4/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SG3	BK32354	TO15	12/4/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
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SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG3	BK32354	TO15	12/4/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	1,4-Dioxane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	4-Ethyltoluene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG3	BK32354	TO15	12/7/2015	30	Acetone	572	ug/m3		29.9
SG3	BK32354	TO15	12/4/2015	1	Acrylonitrile		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Benzene	6.86	ug/m3		1.00
SG3	BK32354	TO15	12/4/2015	1	Benzyl chloride		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Bromodichloromethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Bromoform		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Bromomethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Carbon Disulfide	20.0	ug/m3		1.00
SG3	BK32354	TO15	12/4/2015	1	Carbon Tetrachloride	0.87	ug/m3		0.25
SG3	BK32354	TO15	12/4/2015	1	Chlorobenzene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Chloroethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Chloroform		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Chloromethane	6.19	ug/m3		1.00
SG3	BK32354	TO15	12/4/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Cyclohexane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Dibromochloromethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Dichlorodifluoromethane	1.38	ug/m3		1.00
SG3	BK32354	TO15	12/4/2015	1	Ethanol	16.1	ug/m3		1.00
SG3	BK32354	TO15	12/4/2015	1	Ethyl acetate		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Ethylbenzene		ug/m3	U	1.00
SG3	BK32354	TO15	12/7/2015	30	Heptane	2240	ug/m3		30.0
SG3	BK32354	TO15	12/4/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SG3	BK32354	TO15	12/8/2015	75	Hexane	5880	ug/m3		75.0
SG3	BK32354	TO15	12/4/2015	1	Isopropylalcohol	10.5	ug/m3		1.00
SG3	BK32354	TO15	12/4/2015	1	Isopropylbenzene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	m,p-Xylene	1.68	ug/m3		1.00
SG3	BK32354	TO15	12/4/2015	1	Methyl Ethyl Ketone		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Methylene Chloride		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	n-Butylbenzene		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG3	BK32354	TO15	12/4/2015	1	o-Xylene		ug/m3	U	1.00
SG3	BK32354	TO15	12/7/2015	30	Propylene	322	ug/m3		29.9
SG3	BK32354	TO15	12/4/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Styrene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Tetrachloroethene		ug/m3	U	0.25
SG3	BK32354	TO15	12/4/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Toluene	10.3	ug/m3		1.00
SG3	BK32354	TO15	12/4/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Trichloroethene	0.42	ug/m3		0.25
SG3	BK32354	TO15	12/4/2015	1	Trichlorofluoromethane	1.12	ug/m3		1.00
SG3	BK32354	TO15	12/4/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG3	BK32354	TO15	12/4/2015	1	Vinyl Chloride		ug/m3	U	0.25
SG4	BK32355	TO15	12/5/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SG4	BK32355	TO15	12/5/2015	1	1,2,4-Trimethylbenzene	2.49	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,3,5-Trimethylbenzene	1.02	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SG4	BK32355	TO15	12/5/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	1,4-Dioxane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	4-Ethyltoluene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG4	BK32355	TO15	12/8/2015	75	Acetone	3250	ug/m3		75.0
SG4	BK32355	TO15	12/5/2015	1	Acrylonitrile		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG4	BK32355	TO15	12/5/2015	1	Benzene	2.18	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	Benzyl chloride		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Bromodichloromethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Bromoform		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Bromomethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Carbon Disulfide	8.81	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	Carbon Tetrachloride	0.80	ug/m3		0.25
SG4	BK32355	TO15	12/5/2015	1	Chlorobenzene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Chloroethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Chloroform		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Chloromethane	1.25	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Cyclohexane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Dibromochloromethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Dichlorodifluoromethane	1.43	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	Ethanol	78.7	ug/m3	J	1.00
SG4	BK32355	TO15	12/5/2015	1	Ethyl acetate		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Ethylbenzene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Heptane	111	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SG4	BK32355	TO15	12/7/2015	30	Hexane	266	ug/m3		30.0
SG4	BK32355	TO15	12/5/2015	1	Isopropylalcohol	54.3	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	Isopropylbenzene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	m,p-Xylene	1.74	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	Methyl Ethyl Ketone	65.1	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Methylene Chloride		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	n-Butylbenzene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	o-Xylene		ug/m3	U	1.00
SG4	BK32355	TO15	12/7/2015	30	Propylene	139	ug/m3		29.9
SG4	BK32355	TO15	12/5/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Styrene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Tetrachloroethene	3.52	ug/m3		0.25
SG4	BK32355	TO15	12/5/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Toluene	2.36	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00



2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG4	BK32355	TO15	12/5/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Trichloroethene		ug/m3	U	0.25
SG4	BK32355	TO15	12/5/2015	1	Trichlorofluoromethane	1.11	ug/m3		1.00
SG4	BK32355	TO15	12/5/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG4	BK32355	TO15	12/5/2015	1	Vinyl Chloride		ug/m3	U	0.25
SG7	BK32356	TO15	12/7/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SG7	BK32356	TO15	12/7/2015	1	1,2,4-Trimethylbenzene	3.35	ug/m3		1.00
SG7	BK32356	TO15	12/7/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,3,5-Trimethylbenzene	1.26	ug/m3		1.00
SG7	BK32356	TO15	12/7/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SG7	BK32356	TO15	12/7/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	1,4-Dioxane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	4-Ethyltoluene	2.26	ug/m3		1.00
SG7	BK32356	TO15	12/7/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	10	Acetone	582	ug/m3		10.0
SG7	BK32356	TO15	12/7/2015	1	Acrylonitrile		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Benzene	13.6	ug/m3		1.00
SG7	BK32356	TO15	12/7/2015	1	Benzyl chloride		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Bromodichloromethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Bromoform		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Bromomethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Carbon Disulfide	34.5	ug/m3		1.00
SG7	BK32356	TO15	12/7/2015	1	Carbon Tetrachloride		ug/m3	U	0.25
SG7	BK32356	TO15	12/7/2015	1	Chlorobenzene		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG7	BK32356	TO15	12/7/2015	1	Chloroethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Chloroform		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Chloromethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Cyclohexane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Dibromochloromethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Dichlorodifluoromethane	2.08	ug/m3		1.00
SG7	BK32356	TO15	12/7/2015	1	Ethanol	14.8	ug/m3		1.00
SG7	BK32356	TO15	12/7/2015	1	Ethyl acetate		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Ethylbenzene	2.87	ug/m3		1.00
SG7	BK32356	TO15	12/7/2015	10	Heptane	290	ug/m3		10.0
SG7	BK32356	TO15	12/7/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	10	Hexane	824	ug/m3		10.0
SG7	BK32356	TO15	12/7/2015	1	Isopropylalcohol		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Isopropylbenzene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	m,p-Xylene	5.51	ug/m3		1.00
SG7	BK32356	TO15	12/7/2015	1	Methyl Ethyl Ketone		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Methylene Chloride		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	n-Butylbenzene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	o-Xylene	1.59	ug/m3		1.00
SG7	BK32356	TO15	12/7/2015	10	Propylene	270	ug/m3		10.0
SG7	BK32356	TO15	12/7/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Styrene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Tetrachloroethene	6.26	ug/m3		0.25
SG7	BK32356	TO15	12/7/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Toluene	18.8	ug/m3		1.00
SG7	BK32356	TO15	12/7/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Trichloroethene	0.43	ug/m3		0.25
SG7	BK32356	TO15	12/7/2015	1	Trichlorofluoromethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG7	BK32356	TO15	12/7/2015	1	Vinyl Chloride		ug/m3	U	0.25
SG8	BK32357	TO15	12/7/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
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Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG8	BK32357	TO15	12/7/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SG8	BK32357	TO15	12/7/2015	1	1,2,4-Trimethylbenzene	2.94	ug/m3		1.00
SG8	BK32357	TO15	12/7/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,3,5-Trimethylbenzene	1.13	ug/m3		1.00
SG8	BK32357	TO15	12/7/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SG8	BK32357	TO15	12/7/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	1,4-Dioxane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	2-Hexanone(MBK)	5.61	ug/m3		1.00
SG8	BK32357	TO15	12/7/2015	1	4-Ethyltoluene	1.85	ug/m3		1.00
SG8	BK32357	TO15	12/7/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG8	BK32357	TO15	12/8/2015	75	Acetone	2850	ug/m3		75.0
SG8	BK32357	TO15	12/7/2015	1	Acrylonitrile		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Benzene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Benzyl chloride		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Bromodichloromethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Bromoform		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Bromomethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Carbon Disulfide		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Carbon Tetrachloride		ug/m3	U	0.25
SG8	BK32357	TO15	12/7/2015	1	Chlorobenzene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Chloroethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Chloroform		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Chloromethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Cyclohexane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Dibromochloromethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Dichlorodifluoromethane	2.03	ug/m3		1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG8	BK32357	TO15	12/7/2015	1	Ethanol	78.7	ug/m3	J	1.00
SG8	BK32357	TO15	12/7/2015	1	Ethyl acetate		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Ethylbenzene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Heptane	2.51	ug/m3		1.00
SG8	BK32357	TO15	12/7/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Hexane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Isopropylalcohol		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Isopropylbenzene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	m,p-Xylene	1.51	ug/m3		1.00
SG8	BK32357	TO15	12/7/2015	1	Methyl Ethyl Ketone	40.7	ug/m3		1.00
SG8	BK32357	TO15	12/7/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Methylene Chloride		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	n-Butylbenzene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	o-Xylene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Propylene	7.88	ug/m3		1.00
SG8	BK32357	TO15	12/7/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Styrene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Tetrachloroethene	2.64	ug/m3		0.25
SG8	BK32357	TO15	12/7/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Toluene	1.23	ug/m3		1.00
SG8	BK32357	TO15	12/7/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Trichloroethene	0.27	ug/m3		0.25
SG8	BK32357	TO15	12/7/2015	1	Trichlorofluoromethane	1.45	ug/m3		1.00
SG8	BK32357	TO15	12/7/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG8	BK32357	TO15	12/7/2015	1	Vinyl Chloride		ug/m3	U	0.25
SG9	BK32358	TO15	12/7/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,1,1-Trichloroethane	1.02	ug/m3		1.00
SG9	BK32358	TO15	12/7/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SG9	BK32358	TO15	12/7/2015	1	1,2,4-Trimethylbenzene	2.61	ug/m3		1.00
SG9	BK32358	TO15	12/7/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,2-Dichloroethane		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG9	BK32358	TO15	12/7/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SG9	BK32358	TO15	12/7/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	1,4-Dioxane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	4-Ethyltoluene	1.60	ug/m3		1.00
SG9	BK32358	TO15	12/7/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	5	Acetone	118	ug/m3		5.01
SG9	BK32358	TO15	12/7/2015	1	Acrylonitrile		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Benzene	1.75	ug/m3		1.00
SG9	BK32358	TO15	12/7/2015	1	Benzyl chloride		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Bromodichloromethane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Bromoform		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Bromomethane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Carbon Disulfide		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Carbon Tetrachloride		ug/m3	U	0.25
SG9	BK32358	TO15	12/7/2015	1	Chlorobenzene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Chloroethane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Chloroform		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Chloromethane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Cyclohexane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Dibromochloromethane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Dichlorodifluoromethane	27.2	ug/m3		1.00
SG9	BK32358	TO15	12/7/2015	1	Ethanol		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Ethyl acetate		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Ethylbenzene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Heptane	14.8	ug/m3		1.00
SG9	BK32358	TO15	12/7/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Hexane	117	ug/m3		1.00
SG9	BK32358	TO15	12/7/2015	1	Isopropylalcohol		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Isopropylbenzene		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG9	BK32358	TO15	12/7/2015	1	m,p-Xylene	1.53	ug/m3		1.00
SG9	BK32358	TO15	12/7/2015	1	Methyl Ethyl Ketone		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Methylene Chloride		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	n-Butylbenzene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	o-Xylene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Propylene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Styrene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Tetrachloroethene	15.8	ug/m3		0.25
SG9	BK32358	TO15	12/7/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Toluene	1.55	ug/m3		1.00
SG9	BK32358	TO15	12/7/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Trichloroethene	9.24	ug/m3		0.25
SG9	BK32358	TO15	12/7/2015	1	Trichlorofluoromethane	11.9	ug/m3		1.00
SG9	BK32358	TO15	12/7/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG9	BK32358	TO15	12/7/2015	1	Vinyl Chloride		ug/m3	U	0.25
SG5	BK32359	TO15	12/7/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SG5	BK32359	TO15	12/7/2015	1	1,2,4-Trimethylbenzene	2.76	ug/m3		1.00
SG5	BK32359	TO15	12/7/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,3,5-Trimethylbenzene	1.01	ug/m3		1.00
SG5	BK32359	TO15	12/7/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SG5	BK32359	TO15	12/7/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	1,4-Dioxane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	2-Hexanone(MBK)		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG5	BK32359	TO15	12/7/2015	1	4-Ethyltoluene	1.69	ug/m3		1.00
SG5	BK32359	TO15	12/7/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Acetone		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Acrylonitrile		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Benzene	10.3	ug/m3		1.00
SG5	BK32359	TO15	12/7/2015	1	Benzyl chloride		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Bromodichloromethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Bromoform		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Bromomethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Carbon Disulfide	26.2	ug/m3		1.00
SG5	BK32359	TO15	12/7/2015	1	Carbon Tetrachloride	0.35	ug/m3		0.25
SG5	BK32359	TO15	12/7/2015	1	Chlorobenzene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Chloroethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Chloroform		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Chloromethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Cyclohexane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Dibromochloromethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Dichlorodifluoromethane	2.11	ug/m3		1.00
SG5	BK32359	TO15	12/7/2015	1	Ethanol	8.93	ug/m3		1.00
SG5	BK32359	TO15	12/7/2015	1	Ethyl acetate		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Ethylbenzene	2.62	ug/m3		1.00
SG5	BK32359	TO15	12/7/2015	30	Heptane	3330	ug/m3		30.0
SG5	BK32359	TO15	12/7/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SG5	BK32359	TO15	12/8/2015	75	Hexane	6200	ug/m3		75.0
SG5	BK32359	TO15	12/7/2015	1	Isopropylalcohol		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Isopropylbenzene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	m,p-Xylene	3.98	ug/m3		1.00
SG5	BK32359	TO15	12/7/2015	1	Methyl Ethyl Ketone	12.9	ug/m3		1.00
SG5	BK32359	TO15	12/7/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Methylene Chloride		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	n-Butylbenzene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	o-Xylene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Propylene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	sec-Butylbenzene		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG5	BK32359	TO15	12/7/2015	1	Styrene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Tetrachloroethene	0.39	ug/m3	U	0.25
SG5	BK32359	TO15	12/7/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Toluene	44.8	ug/m3		1.00
SG5	BK32359	TO15	12/7/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Trichloroethene		ug/m3	U	0.25
SG5	BK32359	TO15	12/7/2015	1	Trichlorofluoromethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SG5	BK32359	TO15	12/7/2015	1	Vinyl Chloride	0.28	ug/m3		0.25
SS4	BK32360	TO15	12/7/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SS4	BK32360	TO15	12/7/2015	1	1,2,4-Trimethylbenzene	4.20	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,3,5-Trimethylbenzene	2.19	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SS4	BK32360	TO15	12/7/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	1,4-Dioxane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	2-Hexanone(MBK)		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	4-Ethyltoluene	2.57	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Acetone	58.2	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	Acrylonitrile		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Benzene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Benzyl chloride		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Bromodichloromethane		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SS4	BK32360	TO15	12/7/2015	1	Bromoform		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Bromomethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Carbon Disulfide		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Carbon Tetrachloride	0.30	ug/m3		0.25
SS4	BK32360	TO15	12/7/2015	1	Chlorobenzene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Chloroethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Chloroform		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Chloromethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Cyclohexane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Dibromochloromethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Dichlorodifluoromethane	2.24	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	Ethanol	4.05	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	Ethyl acetate		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Ethylbenzene	2.48	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	Heptane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Hexane	9.05	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	Isopropylalcohol		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Isopropylbenzene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	m,p-Xylene	10.5	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	Methyl Ethyl Ketone	6.57	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Methylene Chloride	1.58	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	n-Butylbenzene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	o-Xylene	2.46	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	Propylene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Styrene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Tetrachloroethene	2.29	ug/m3		0.25
SS4	BK32360	TO15	12/7/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Toluene	19.4	ug/m3		1.00
SS4	BK32360	TO15	12/7/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Trichloroethene		ug/m3	U	0.25
SS4	BK32360	TO15	12/7/2015	1	Trichlorofluoromethane	1.03	ug/m3		1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SS4	BK32360	TO15	12/7/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SS4	BK32360	TO15	12/7/2015	1	Vinyl Chloride		ug/m3	U	0.25
SS2	BK32361	TO15	12/7/2015	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,1,1-Trichloroethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,1-Dichloroethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,1-Dichloroethene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,2,4-Trichlorobenzene		ug/m3	UJ	1.00
SS2	BK32361	TO15	12/7/2015	1	1,2,4-Trimethylbenzene	3.42	ug/m3		1.00
SS2	BK32361	TO15	12/7/2015	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,2-Dichloroethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,2-dichloropropane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,3,5-Trimethylbenzene	1.39	ug/m3		1.00
SS2	BK32361	TO15	12/7/2015	1	1,3-Butadiene		ug/m3	UJ	1.00
SS2	BK32361	TO15	12/7/2015	1	1,3-Dichlorobenzene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,4-Dichlorobenzene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	1,4-Dioxane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	2-Hexanone(MBK)		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	4-Ethyltoluene	1.09	ug/m3		1.00
SS2	BK32361	TO15	12/7/2015	1	4-Isopropyltoluene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Acetone	23.7	ug/m3		1.00
SS2	BK32361	TO15	12/7/2015	1	Acrylonitrile		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Benzene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Benzyl chloride		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Bromodichloromethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Bromoform		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Bromomethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Carbon Disulfide		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Carbon Tetrachloride	0.26	ug/m3		0.25
SS2	BK32361	TO15	12/7/2015	1	Chlorobenzene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Chloroethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Chloroform		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Chloromethane		ug/m3	U	1.00



**2401 3rd AVENUE
BRONX, NY
DATA SUMMARY TABLE
AIR
SDG: GBK32352**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SS2	BK32361	TO15	12/7/2015	1	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Cyclohexane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Dibromochloromethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Dichlorodifluoromethane	2.15	ug/m3		1.00
SS2	BK32361	TO15	12/7/2015	1	Ethanol	14.9	ug/m3		1.00
SS2	BK32361	TO15	12/7/2015	1	Ethyl acetate		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Ethylbenzene	1.51	ug/m3		1.00
SS2	BK32361	TO15	12/7/2015	1	Heptane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Hexachlorobutadiene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Hexane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Isopropylalcohol		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Isopropylbenzene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	m,p-Xylene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Methyl Ethyl Ketone		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Methylene Chloride		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	n-Butylbenzene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	o-Xylene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Propylene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	sec-Butylbenzene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Styrene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Tetrachloroethene	4.89	ug/m3		0.25
SS2	BK32361	TO15	12/7/2015	1	Tetrahydrofuran		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Toluene	1.97	ug/m3		1.00
SS2	BK32361	TO15	12/7/2015	1	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Trichloroethene		ug/m3	U	0.25
SS2	BK32361	TO15	12/7/2015	1	Trichlorofluoromethane	1.01	ug/m3		1.00
SS2	BK32361	TO15	12/7/2015	1	Trichlorotrifluoroethane		ug/m3	U	1.00
SS2	BK32361	TO15	12/7/2015	1	Vinyl Chloride		ug/m3	U	0.25