

**FORMER
SCIENTIFIC FIRE PREVENTION, INC.
BCP No. C224165**

**871 GRAND STREET
BROOKLYN NEW YORK
Block 2922 Lot 41**

**REMEDIATION INVESTIGATION
REPORT**

April 2013

Prepared for:
**871 Grand LLC
199 Lee Avenue No. 693
Brooklyn, NY 11211**

Prepared By:
BC
ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road
Ridge, NY 11961

TABLE OF CONTENTS
Remedial Investigation Report
Former Scientific Fire Prevention Inc Site

1.0	INTRODUCTION.....	1
1.1	Project Background.....	1
1.2	Site Location and Description	1
1.3	Redevelopment Plans	2
1.4	Site History	2
1.5	Summary of Previous Investigations	2
1.5.1	November 2012 – Phase I Environmental Site Assessment Report (EBC)..	2
1.5.2	July 2012 – Phase II Subsurface Investigation Report (EBC).....	3
2.0	REMEDIAL INVESTIGATION	5
2.1	Field Investigation	5
2.2	Deviations from the Remediation Investigation Work Plan.....	5
2.3	Soil Sampling.....	5
2.3.1	Soil Borings	5
2.4	Monitoring Well Installation	6
2.4.1	Groundwater Sampling	7
2.5	Soil Vapor Sampling.....	7
2.5.1	Installation of Soil Vapor Implants	7
2.5.2	Surface Seal Test Procedure	8
2.5.3	Soil vapor Sample Collection	8
2.6	Laboratory Analysis	8
2.6.1	Analytical Results - Soil Samples	8
2.6.2	Analytical Results - Groundwater Samples	9
2.6.3	Analytical Results - Soil vapor Samples	10
2.6.4	Data Usability Summary Report.....	10
3.0	HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING	11
3.1	Site Topography.....	11
3.2	Surrounding Land Use	11
3.3	Regional Geology / Hydrogeology	11
3.4	Site Geology / Hydrogeology.....	11
4.0	NATURE AND EXTENT OF CONTAMINATION.....	12
4.1	Identification of Source Areas	12
4.2	Groundwater Impacts	12
4.3	Soil Vapor Impacts	13
4.4	Site Conceptual Model	13
5.0	QUALITATIVE EXPOSURE ASSESSMENT	14
5.1	Contaminant Areas.....	14
5.2	Contaminant Release and Transport Mechanism	14
5.3	Point of Exposure, Route of Exposure and Potentially Exposed Populations.....	14
6.0	CONCLUSIONS AND RECOMENDATIONS.....	16
7.0	REFERENCES.....	18

TABLE OF CONTENTS
Remedial Investigation Report
Former Scientific Fire Prevention Inc Site

TABLES

Table 1	Summary of Sampling Program Rationale and Analysis
Table 2	Monitoring Well Specifications and Elevation
Table 3	Laboratory Results - Soil Analytical Results, Volatile Organic Compounds
Table 4	Laboratory Results - Soil Analytical Results, Semi-Volatile Organic Compounds
Table 5	Laboratory Results - Soil Analytical Results, Pesticides & PCBs
Table 6	Laboratory Results - Soil Analytical Results, Metals
Table 7	Laboratory Results - Groundwater Analytical Results, Volatile Organic Compounds
Table 8	Laboratory Results - Groundwater Analytical Results, Semi-Volatile Organic Compounds
Table 9	Laboratory Results - Groundwater Analytical Results, Pesticides & PCBs
Table 10	Laboratory Results - Groundwater Analytical Results, Total Metals
Table 11	Laboratory Results - Groundwater Analytical Results, Dissolved Metals
Table 12	Laboratory Results - Soil Gas Analytical Results, Volatile Organic Compounds
Table 13	Parameters Detected Above Track 1 Soil Cleanup Objectives
Table 14	Parameters Detected Above Ambient Groundwater Standards

FIGURES

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Soil Boring Locations
Figure 4	Monitoring Well Locations
Figure 5	Groundwater Elevation Map
Figure 6	Soil Vapor Sampling Locations
Figure 7	Posted Soil Results above Unrestricted / Restricted Residential SCOs
Figure 8	Posted Groundwater Results above AWQS
Figure 9	Posted Soil vapor Results

APPENDICES

Appendix A	Soil Boring Logs
Appendix B	Well Construction Logs
Appendix C	Well Purge Sheets
Appendix D	Soil vapor Sampling Log
Appendix E	Laboratory Reports / Data Usability Summary Reports (Digital Copy)

LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
BCP	Brownfields Cleanup Program
BCA	Brownfield Site Cleanup Agreement
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
RI	Remedial Investigation
RIWR	Remedial Investigation Work Plan
SVOC	Semi-Volatile Organic Compound
UST	Underground Storage Tank
VOC	Volatile Organic Compound

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 B. Sosik, P.G., P.H.G.

Date: 6/30/13

1.0 INTRODUCTION

1.1 Project Background

This Remedial Investigation Report (RIR) was prepared on behalf of 871 Grand LLC for the property located at 871 Grand Street in the borough of Brooklyn, New York. In August 2012, 871 Grand LLC filed an application with the New York State Department of Environmental Conservation (NYSDEC), to admit the Project Site into the New York State Brownfield Cleanup Program (BCP). The application was deemed complete by the NYSDEC on September 4, 2012. On November 13, 2012, the NYSDEC informed 871 Grand LLC that the project had been accepted into the BCP (Site No. C-224165) with 871 Grand LLC classified as a “Volunteer”.

The purpose of the Remedial Investigation (RI) is to collect data of sufficient quality and quantity to characterize the nature and extent of contamination in on-site groundwater, soil and soil vapor, to complete a qualitative exposure assessment for future occupants of the buildings 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 February 5, 2013 to February 28, 2013 in accordance with the protocols and methods as established in the approved Remedial Investigation Work Plan (EBC 1/13).

1.2 Site Location and Description

The address for the subject property is 871 Grand St, Brooklyn, New York 11211. The subject property is designated as Block 2922, Lot 41 by the New York City Department of Assessment. The subject property is located in the City of New York and Borough of Brooklyn (Kings County) as shown on **Figure 1**. The lot consists of 25 feet of street frontage on Grand Street and is 100 feet deep for a total of 2,500 square feet (0.06 acres). The lot is currently developed with a one-story brick building occupying the entire lot (**Figure 2**).

The property has an elevation of approximately 39 feet above the National Geodetic Vertical Datum (NGVD) feet. The depth to groundwater beneath the site, as determined from field measurements, is approximately 35 feet below grade. Based on regional groundwater contour maps, groundwater flow is expected to be toward the southeast.

The area surrounding the site consists of a mix of residential and commercial properties. A large public High School campus (Progress High School) is located south of the property on the opposite side of Grand Street.

1.3 Redevelopment Plans

Redevelopment plans for the property include demolishing the existing 2,500 square-foot commercial building and replacing it with a new multi-family residential apartment building.

1.4 Site History

The environmental history of the Site was previously investigated through the review of Federal and State Environmental databases, Environmental Sanborn Fire Insurance maps, NYC Department of Building records and the NYC Department of Finance databases as part of the Phase I Environmental Site Assessment completed in November 2011.

Historic records shows the subject site as being developed prior to 1887 with a two-story wheelwright located at the street front, and detached one-story shed located in the rear of the yard. By 1907, the two-story building was converted to use by a horseshoer, which included two horse stables in the rear yard. In the 1930's through the 1950's, the subject site building was used for paper storage and tile storage. The building was then used in the 1960's and 1970's by a metal products manufacturer until it was demolished in 1981. The subject site lot was then redeveloped in 1981 with the one-story concrete block commercial building that currently remains at the site (see **Figure 2**).

1.5 Summary of Previous Investigations

Environmental investigations performed at the Site include the following:

- Phase I Environmental Site Assessment of 871 Grand Street, Brooklyn, New York. Environmental Business Consultants, November 11, 2012.
- Phase II Subsurface Investigation Report for 871 Grand Street, Brooklyn, New York 11211. Environmental Business Consultants, July 2012.

1.5.1 November 2011 – Phase I Environmental Site Assessment Report (EBC)

A Phase I Environmental Site Assessment Report was prepared by Environmental Business Consultants in November 2011.

According to the report, historical records show the subject site as being developed prior to 1887 with a two-story wheelwright located at the street front, and detached one-story shed located in the rear of the yard. By 1907, the two-story building was converted to use by a horseshoer which included two horse stables in the rear yard. In the 1930's through 1950's, the subject site building was used for paper storage and tile storage. The building was then used in the 1960's and 1970's by a metal products manufacturer (Scientific Fire Prevention Co.) until it was demolished in 1981. The subject lot was then redeveloped in 1981 with the one-story concrete block commercial building that currently remains at the site.

Based upon reconnaissance of the subject and surrounding properties, interviews and review of historical records and regulatory agency databases, no recognized environmental conditions were

noted for the subject site. However, the Phase I notes that "the subject site has been assigned and E-designations (E-232) for Window Wall Attenuation Ventilation (Noise-E) and Hazardous Materials Phase I and Phase II Testing Protocol (Hazmat-E) as part of the rezoning enacted in December of 2009 for the Brooklyn neighborhoods Greenpoint and Williamsburgh (CEQR No. 09DCP056K)."

The Noise E requires that any building constructed on the property include a window wall system which will achieve a minimum of 35 dBA of window/wall attenuation for all new dwelling units. An alternate means of ventilation such as through the wall of central air conditioning will also be required to maintain a closed window condition. Satisfaction of the Noise E requires the submission of a Noise Remedial Action Plan and an Installation Report certified by a Professional Engineer or Registered Architect.

The Hazmat E required a detailed environmental review and release by the NYC Office of Environmental Remediation. Such reviews require a full subsurface investigation, remedial and health and safety planning, implementation of a remedial program and documentation that the remedial program was completed during redevelopment of the property. EBC recommended performing a Phase II Subsurface Investigation Report in order to satisfy the E-designation Environmental Review Program administered by the Office of Environmental Remediation.

1.5.2 July 2012 - Phase II Subsurface Investigation, (EBC)

On January 31, 2013 a total of three soil borings (B1-B3) were performed as part of the environmental review required under the NYC E-designation program. For each of the three soil borings, soil samples were collected continuously from grade to a final depth of 15 feet below existing grade using Geoprobe direct-push equipment. In accordance with NYC OER sampling requirements, soil samples were retained from the intervals 0 to 2 feet below grade and 12 to 14 feet below grade. Groundwater samples were collected from two of the boring locations B1 (GW1) and B3 (GW3) through temporary monitoring wells installed at a depth of approximately 5-feet below the water table interface.

All retained soil and groundwater samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and TAL metals.

To evaluate VOCs in soil gas beneath the building, two soil gas samples were collected from vapor implants (SG1, SG2) installed at a depth of approximately 14 feet below slab grade. Soil gas samples were analyzed for VOCs by EPA Method TO15.

The results of the initial borings identified elevated levels of chlorinated compounds (TCE, PCE) in the shallow interval from the SB1 boring located near the front of the building. To delineate the extent of chlorinated contamination in soil, three additional soil borings (SB4, SB5, and SB6) were advanced on February 27, 2012, in the vicinity of SB1. Soil samples at each location were collected continuously from grade to a final depth of 15 feet below existing grade with samples retained from 0 to 2 feet, 5 to 7 feet and 13 to 25 feet below grade.

Overall the investigation concluded that subsurface soil at the site consisted of a thin layer (2 ft) of urban fill, which was primarily comprised of brick, concrete, wood and other debris in a brown silty-sand matrix, followed by a native brown sandy-silt with trace amounts of gravel. This fill contains elevated levels (above unrestricted soil cleanup objectives) of semi-volatiles, pesticides and/or one

or more heavy metals. The fill material is underlain by a native sandy silt to at least 15 feet below grade. Groundwater is present under water table conditions at a depth of approximately 35 feet below the surface.

Chlorinated compounds in soil were limited to the upper 2 to 5 feet in the front portion of the building. The highest CVOC concentrations were reported in SB1, which was installed in the approximate center of the front portion of the building. PCE was detected at 4,000 µg/kg and TCE was detected at 110,000 µg/kg. Considerably lower concentrations of PCE and TCE were detected within the shallow soil samples performed around soil boring SB1 to delineate the soil contamination. The only other elevated concentration reported within the delineation borings was TCE in B4 at the 0-2 foot interval, at a concentration of 1,000 µg/kg. No CVOCs were detected in deeper samples from the B1 (12-14') and B4 (5-7', 13-15") locations.

The laboratory results of the two soil gas samples collected at the Site notes the same CVOC compounds. TCE was detected at 2,510 µg/m³ in SG1 and 639 µg/m³ in SG2, and PCE was detected at 274 µg/m³ in SG1. Elevated concentrations of several other CVOCs were also reported within SG1.

PCE and TCE were detected within both groundwater samples collected at the Site. PCE was detected at a concentration of 20 µg/L in GW1 and 14 µg/L in GW3. TCE was detected at a concentration of 3 µg/L in GW1 and 8.1 µg/L in GW3.

2.0 REMEDIAL INVESTIGATION

2.1 Field Investigation

The field work portion of the RI was conducted by EBC during two mobilizations to the site: the initial RI mobilization February 5 and February 6, 2013 and a supplemental mobilization on February 28, 2013. The field investigation consisted of the environmental sampling, field observations and measurements to determine:

- Local geologic/hydrogeologic conditions
- Definition of source areas
- Potential migration of contaminants from the site to surrounding areas
- Overall characterization of site-related contamination in all media

The field effort included the collection and analysis of soil, groundwater and soil vapor samples. Drilling services were provided by Eastern Environmental Services (Eastern) of Manorville, NY. Laboratory services were provided by Phoenix Environmental Laboratories of Manchester, CT. 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

Advancement of soil boring B9 and B10 on the southern portion of the site repeatedly encountered rejection at a depths ranging from 15 to 20 feet below surface using the Geoprobe equipment. Several attempts were made to shift the location 5 to 10 feet in several directions with similar results. As a result, only one soil sample, 12-14 feet, was collected from each of these boring locations.

Due to insufficient recharge of groundwater in monitoring well MW-4 at the time of groundwater sampling activities, an inadequate amount of sample volume was available. As a result, Semi-Volatile Organic Compounds (EPA Method 8270) and Pesticides (EPA Method 8081) were not analyzed for this sample.

2.3 Soil Sampling

2.3.1 Soil Borings

A total of 6 soil borings were advanced during the initial site mobilization in February 2013 to further delineate chlorinated solvent contamination at the Site and to fully characterize soil and groundwater quality. These soil borings were advanced on February 6, 2013. Drilling services were provided by Eastern Environmental Services of Manorville, NY.

At each soil boring location soil samples were collected continuously in 5-foot intervals using a Geoprobe™ model 6620DT, 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 1.5-inch diameter 5-foot long macro-core sampler with disposable acetate liners.

Each soil sample recovered from the soil borings was characterized by an experienced geologist qualified environmental professional (QEP) and field screened for the presence of VOCs using a photo-ionization detector (PID). The geologist's field observations and PID readings were recorded for each boring in a soil boring log (see **Appendix A**). The location of soil borings are shown on **Figure 3**.

A total of 6 soil borings were advanced across the Site. Borings B7 through B10 were completed on the southern portion of the property adjacent to previously completed borings B1 and B4 through B6. Borings B11 and B12 were completed on the northern portion of the property.

For soil borings B9 and B10, soil samples were collected continuously from grade to a final depth of 15ft and 20ft below existing grade, respectively, using a 5-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. Soil recovered from the borings was field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. No PID readings above background concentrations were obtained from any soil samples recovered from soil borings B9 and B10. Soil samples were retained from 12-14 feet below grade at each location and submitted for laboratory analysis of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs-BN) by EPA Method 8270, TAL Metals, pesticides and PCBs by EPA Methods 8081/8082.

For soil borings B7, B8, B11 and B12, soil samples were collected continuously from grade to a final depth of 40 feet below existing grade using a 5-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. Soil recovered from the borings was field screened for the presence of VOCs with a PID and visually inspected for evidence of contamination. No PID readings above background concentrations were obtained from borings B8, B11 or B12; however an elevated reading (105 ppmv) was recorded for soil recovered from a depth of 0 to 5 feet below grade at boring location B7. Soils from that depth were dark black sands with a slight odor.

Soil samples from soil borings B7, B8, B11 and B12 were retained from 12-14 feet below grade and 38-40 feet below grade. An additional soil sample was retained from soil boring B7 from the 2 foot interval that exhibited the highest PID response (1 to 3 feet below grade). Each of the samples retained were submitted for laboratory analysis of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs-BN) by EPA Method 8270, TAL Metals, pesticides and PCBs by EPA Methods 8081/8082.

2.4 Monitoring Well Installation

Four temporary groundwater monitoring wells (MW-3 through MW-6) were installed during the initial site mobilization on February 5 and February 6, 2013 to determine the direction and gradient of groundwater flow and evaluate groundwater quality across the site. Each temporary well constructed of 1-inch diameter PVC and was installed at a depth of 45 feet below grade with 10 feet of 0.010 slotted PVC well screen and 35 feet of PVC riser.

At each well a No.00 Morie filter sand was placed in the borehole to within 2 feet above the top of the screen. A 1-foot hydrated bentonite seal was then placed on top of the filter sand and the remainder of the borehole was backfilled to grade. Well construction logs are provided in **Appendix B**. Following installation, each of the wells was surveyed to determine relative casing elevation to the nearest 0.01 ft and horizontal position to the nearest 0.1 ft (**Table 2**).

Prior to sampling, a synoptic round of depth-to-groundwater (DTW) measurements was obtained from the wells on February 28, 2013 to determine the water table elevation and to calculate the volume of standing water in the well. Monitoring well locations are shown on **Figure 4**. A groundwater elevation map is provided in **Figure 5**.

2.4.1 Groundwater Sampling

Groundwater samples were obtained from the four temporary water table wells during the February 28, 2013 mobilization.

Samples were collected in accordance with the procedures outlined in Section 2.3 of the approved RIWP. Polyethylene sampling tubing fitted with a stainless steel check valve was used to purge and collect samples from each temporary well location. Sample tubing was replaced between each sample location. Samples were collected directly into pre-cleaned laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix Environmental Laboratories of Manchester, CT, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All purging and sampling data was recorded on dedicated well sampling forms (**Appendix C**).

All groundwater samples from the temporary monitoring wells were analyzed for VOCs / SVOCs by EPA method 8260 / 8270, target analyte list (TAL) metals (total, dissolved) and pesticides/PCBs by Method 8081/8082, with the exception MW-4 which was not analyzed for SVOCs or PCBs due to insufficient sample volume, as outlined above in Section 2.2 .

2.5 Soil Vapor Sampling

To assess the presence of VOCs in soil vapor beneath the site, six soil vapor samples (SG1-SG6) were collected at the site during the supplemental mobilization on February 28, 2013. 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 section 2.4 of the approved RIWP and the *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH 10/06)*.

2.5.1 Installation of Soil vapor Implants

Six soil vapor implants were installed during the initial mobilization in February 2013, using Geoprobe™ equipment. All of the implants were installed utilizing the same technique to minimize possible discrepancies. The vapor implants (Geoprobe™ Model AT86 series), were constructed of a 6-inch length of double woven stainless steel wire. The vapor implants at all locations were installed to a depth of 12 feet below the building slab and attached to ¼ inch polyethylene tubing which extended approximately 24 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the vapor implant to a height of approximately 1 foot above the bottom of the implant. The remainder of the borehole was sealed with a bentonite slurry to the surface. The tubing and borehole were then sealed at the surface with hydrated granular bentonite and a 12" x 12" (approx.) plastic sheet.

2.5.2 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 (Dielectric Model MGD-2002, Multi-Gas Detector).

The tracer gas test procedure was employed at all 6 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 5 and 8 inches Hg, (approximately 2 hrs) the valve was closed and the canisters were detached from the sampling tube.

Sample canisters were returned to the EBC office and 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 **12** 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. **Table 13** contains a list of parameters detected above Track 1 unrestricted soil cleanup objectives and the range in detections. **Table 14** contains a list of parameters detected above ambient groundwater standards and the range in detections.

2.6.1 Analytical Results – Soil Samples

A total of 11 soil samples were collected from 6 soil borings for laboratory analysis of one or more of the following depending on location and depth: VOCs (EPA Method 8260), SVOCs (EPA Method 8270), TAL metals and Pesticides/PCBs (EPA Method 8081/8082). All results above Unrestricted Use SCOs are posted on **Figure 7**.

As shown in **Table 3**, VOCs were detected at concentrations above Unrestricted Use SCOs in the following sample:

B7 (1-3 ft) - 1,2-Dichlorobenzene (44,000 µg/kg), 1,2-Dichloroethane (120 µg/kg), cis-1,2-Dichloroethene (38,000 µg/kg), m&p Xylenes (300 µg/kg), Methylene chloride (210 µg/kg), Toluene (790 µg/kg)

VOCs were detected at concentrations above Restricted Residential SCOs in the following sample:

B7 (1-3 ft) - 1,3-Dichlorobenzene (64,000 µg/kg), 1,4-Dichlorobenzene (44,000 µg/kg), Tetrachloroethene (36,000 µg/kg), Trichloroethene (350,000 µg/kg)

There were no other VOCs detected above Unrestricted/Restricted SCOs in any of the remaining samples.

As shown in **Table 4**, SVOCs were detected at concentrations above Unrestricted Use SCOs in the following sample:

B7 (1-3 ft) – Benzo(k)fluoranthene (1,600 µg/kg), Chrysene (2,700 µg/kg)

SVOCs were detected at concentrations above Restricted Residential SCOs in the following sample:

B7 (1-3 ft) - Benzo(a)anthracene (1,800 µg/kg), Benzo(a)pyrene (2,200 µg/kg), Benzo(b)fluoranthene (4,100 µg/kg)

There were no other SVOCs detected above Unrestricted/Restricted SCOs in any of the remaining samples.

As shown in **Table 5** there were no PCBs reported above Unrestricted Use SCOs in any of the samples. Pesticides were reported above Unrestricted Use SCOs in the following sample:

B9 (12-14 ft)- 4,4-DDD (160 µg/kg), 4,4-DDE (34 µg/kg), 4,4-DDT (140 µg/kg), Chlordane (760 µg/kg), Dieldrin (55 µg/kg)

There were no other Pesticides detected above Unrestricted/Restricted SCOs in any of the remaining samples.

As shown in **Table 6**, there were no Metals reported above Unrestricted Use SCOs in any of the samples.

2.6.2 Analytical Results – Groundwater Samples

Analytical results for VOCs, as summarized in **Table 7**, identified one or more chlorinated VOC parameters above their respective groundwater standard in all 4 temporary wells. Detected chlorinated solvents included tetrachloroethene (PCE) and trichloroethene (TCE).

PCE concentrations ranged from 6.7 µg/L in MW6 in the northwest corner of the Site to 24 µg/L in MW3 located in the southeast corner of the Site. TCE concentrations ranged from 3.9 µg/L in MW3 located in the southeast corner of the Site to 9.5 µg/L in MW5 in the central portion of the site.

As summarized in **Table 8**, one SVOC compound, Benzo(a)anthracene, was detected above water quality standards, at a concentration of 0.063 µg/L, in monitoring well MW-6. No SVOCs were detected in monitoring wells MW-3 and MW-5.

VOC and SVOC parameters reported above groundwater standards are presented in **Figure 8**.

As shown in **Table 9**, there were no reported detections of PCBs above water quality standards in any of the monitoring wells sampled. One pesticide, Dieldrin, was detected above groundwater standards in all wells sampled and ranged from 0.005 µg/L in MW-3 to 0.033 µg/L in MW-5. As shown in **Tables 10** and **11**, the total concentration (unfiltered) of one or more of the metals arsenic, barium, beryllium, cadmium, chromium, copper, iron, mercury, magnesium, manganese, sodium, lead, nickel, and antimony were reported in each of the 4 groundwater samples above water quality standards. The dissolved concentration of the metals iron magnesium, manganese and sodium were reported in all 4 of the groundwater samples above their corresponding water quality standards. These parameters are associated with background water quality throughout most of northern Brooklyn and are also associated with brackish water conditions.

2.6.3 Analytical Results – Soil Vapor Samples

Multiple VOCs were detected above the laboratory method detection limit in each of the 5 soil vapor samples (SG1 through SG-6) collected in February (**Table 12**). Petroleum related volatile organic compounds were generally moderate ranging from 8.21 µg/m³ in SG-2 located on the southwest portion of the property to 40.26 µg/m³ in SG-5 located on the northeast portion of the property.

Chlorinated VOCs were reported in all soil vapor samples at concentrations ranging from 328 µg/m³ in SG-6 on the northern portion of the property to 3,707 µg/m³ in SG-2 on the southwestern portion of the property. TCE was reported above the NYSDOH Air Guidance Value of 5 µg/m³ (above which monitoring is recommended) in all six sampling locations. PCE was reported above the maximum sub-slab value of 100 µg/m³ (above which monitoring is recommended) in one of the six sampling locations, SG-1, only. Soil vapor results are summarized in **Table 12** and posted on **Figure 9**.

2.6.4 Data Usability Summary Report

Data validation services were provided by H&S Environmental, Inc. of Westborough, Massachusetts. The individual data useability reports (DUSR) for sample groupings are provided in **Appendix E**. The DUSRs conclude 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.

3.0 HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING

3.1 Site Topography

The topography of the site and surrounding area was reviewed from the USGS 7.5 minute series topographic map for the Brooklyn Quadrangle. The elevation of the building slab is approximately 36 feet above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes to the east.

3.2 Surrounding Land Use

The surrounding land use includes multi-family residential buildings to the north, commercial property to the west, residential buildings to the east and Grand Campus High School to the south. In general the area was historically characterized by mixed residential and commercial properties.

3.3 Regional Geology / Hydrogeology

The geologic setting of Long Island is well documented and consists of crystalline bedrock overlain by layers of unconsolidated deposits. According to geologic maps of the area created by the United States Geologic Survey (USGS), the bedrock in this area of Brooklyn is an igneous intrusive classified as the Hartland formation of middle Ordovician to middle Cambrian age. The bedrock surface is approximately 200 feet below the surface in the vicinity of the Site. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and / or other materials have been historically used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas.

3.4 Site Geology / Hydrogeology

Subsurface soils at the site include silty non-native fill with bricks, wood and other rubble to approximately 2 feet below grade. A native brown fine-medium grained silty-sand is present immediately below the fill material to a depth of approximately 20 feet below grade. This was followed by reddish brown medium-coarse grained sand to the boring termination depth of 40 feet. A sandy-clay lens was also reported in two locations (B7, B12) between the 17 and 25 foot interval. The thickness of the lens could not be determined due to limited sample return.

Groundwater at the Site is present at a depth of approximately 35 feet below surface grade within the native medium-coarse sand. Depth to water measurements were taken and well casings were surveyed on April 12, 2013 (see **Table 2**). The well casing elevation and depth to water measurements were used to create a groundwater elevation map (**Figure 5**). As shown in the figure, groundwater flow is generally from the east-northeast to the west-southwest.

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Identification of Source Areas

The soil boring program successfully delineated the extent of CVOC contamination identified in previously completed soil boring B1 to the north, south and east. The zone of impacted soil is limited to an area of approximately 15 feet by 25 feet of the southwestern portion of the property, as no CVOCs were detected above Unrestricted Use cleanup objectives in borings B8 through B10. CVOC impacts in this area are limited to shallow soils to a depth of approximately 5ftbg based upon data obtained from borings B1 and B4-B6 completed during the Phase II investigation and from B7 completed during this RI. CVOC impact reported during the Phase II investigation and the RI were limited to two locations: B1 (0-2ft) and B7 (0-3 ft). CVOC parameters reported above unrestricted or restricted residential SCOs at these locations included dichlorobenzene, dichloroethane, cis-DCE, PCE and TCE. TCE was reported in the greatest concentrations in both samples and was reported at least one of magnitude greater than the other compounds.

Although CVOCs were also reported in groundwater at low but elevated (above AGS) levels, they are representative of background conditions and are not related to the CVOCs reported in soil based on the following multiple lines of evidence: 1) CVOCs in soil were not reported below a depth of 3 ft below grade while the depth to groundwater is approximately 35 ft below grade 2) TCE in soil was reported an order of magnitude higher than PCE yet PCE is present in groundwater at concentrations greater than that of TCE 3) CVOCs other than PCE and TCE reported in high concentrations in soil were not detected in any of the groundwater samples 4) distribution of PCE and TCE in groundwater combined with the flow indicate an off-site origin.

No other source areas were identified or indicated during this RI. Elevated levels of SVOCs, metals and pesticides reported in shallow soil throughout the site are characteristic of the historic fill materials present at the site and throughout the area. Note that several pesticides were identified above unrestricted SCOs in the 12-14 foot interval of one of the borings. This interval is below the depth of the fill material. However, this is the only boring in which pesticides were reported at this depth and are likely to be the fallback of surficial material into the borehole. Further analysis of pesticides at depth will be determined from endpoint verification samples following excavation of the Site. If pesticides (or other parameters) are found above unrestricted use SCOs in endpoint samples then over excavation will be required to attain Track 1.

4.2 Groundwater Impacts

Groundwater samples obtained from all four temporary monitoring wells indicate that there were no Petroleum VOC impacts to groundwater. Low levels of CVOCs were detected in all four wells and were generally highest along the eastern property line and decreases as groundwater passes beneath the site. The concentrations and parameters reported are consistent with general background conditions documented throughout former commercial areas of Brooklyn and are not related to the site.

4.3 Soil-Vapor Impacts

Total petroleum related volatile organic compounds were generally moderate and consistent with background levels, ranging from $8 \mu\text{g}/\text{m}^3$ in SG-2 located on the southwest perimeter of the building to $40 \mu\text{g}/\text{m}^3$ in SG-5 located on the northwest perimeter of the building.

Chlorinated VOCs were reported in all soil vapor samples at concentrations ranging from $197 \mu\text{g}/\text{m}^3$ in SG-4 on the northwest perimeter of the building to $3,707 \mu\text{g}/\text{m}^3$ in SG-2 on the southwest perimeter of the building.

TCE was reported above the maximum sub-slab value of $5 \mu\text{g}/\text{m}^3$ (above which monitoring is recommended) in all locations (SG-1 through SG-6). PCE was reported at a maximum sub-slab value of $100 \mu\text{g}/\text{m}^3$ (above which monitoring is recommended) in only one sample (SG-1), located near the south property line. The highest concentrations of TCE in soil vapor were located near the west property line in the southern third of the property at location SG-2. This is consistent with the area of highest CVOC concentration in soil gas reported during the Phase II.

4.4 Site Conceptual Model

CVOC contamination at the Site consists mainly of TCE in shallow soil, though PCE and other chlorinated compounds are also present. The extent of contamination is limited to an approximate 350 ft^2 area in the front portion of the building from directly below the building slab to a maximum depth of 5 feet.

Sanborn fire insurance maps identify a metal fabrication business operating at the Site from at least 1964 to at least 1980. This period of time overlaps with City directory records from the 1970's which list Scientific Fire Prevention Inc. to the 871 Grand Street address. According to their website, Scientific Fire Prevention Inc. has been in business since the 1940's and provides fabrication and cleaning services for commercial kitchen exhaust hoods. It is therefore likely that Scientific Fire Prevention Inc. is the metal fabrication business identified in the Sanborn maps.

Chlorinated solvents are known to be used as degreasers in both metal fabrication and in commercial kitchen exhaust hood cleaning. The nature and extent of the soil contamination is indicative of a limited surface spill which migrated through cracks or other voids in the concrete floor. There are two possibilities for the timing of the release: a release prior to the construction of the current building in 1981 which would be related to the metal fabrication business or a post 1981 release in the new building by an unknown commercial tenant.

In either case the spill was limited, and did not migrate beyond a depth of 5 feet below grade. Off-gassing is occurring from the residually contaminated soils which are resulting in elevated concentrations of TCE and to a lesser extent PCE in soil gas. The relatively low concentrations of PCE and TCE reported in groundwater are consistent with general background conditions in the area and based on multiple lines of evidence do not appear to be site related.

5.0 QUALITATIVE EXPOSURE ASSESSMENT

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

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

5.1 Contaminant Source

The source of CVOCs detected in soil at the site is indicative of a limited surface spill which migrated through cracks or other voids in the concrete floor. There are two possibilities for the timing of the release: a release prior to the construction of the current building in 1981 which would be related to the metal fabrication business or a post 1981 release in the new building by an unknown commercial tenant. The extent of contamination is limited to an approximate 350 ft² area in the front portion of the building from directly below the building slab to a maximum depth of 5 feet.

5.2 Contaminant Release and Transport Mechanism

Although CVOCs present in on-site soil are volatilizing to air to some degree, there does not appear to be a correlation between the CVOc contamination in soil and that in groundwater. CVOcs present in shallow soils within the southwest portion of the property are contributing to elevated levels of contamination in soil gas, as seen in analytical results from soil gas samples SG1 through SG3.

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 CVOcs through several routes. Workers excavating impacted soil may be exposed to CVOcs through inhalation, ingestion and dermal contact. Workers excavating non-impacted soil may be exposed to CVOcs in soil vapor through inhalation. A site specific Health and Safety Plan has been developed to identify and minimize the potential hazards to on-site workers.

Under a future scenario, residents within the proposed buildings may be exposed to vapor intrusion if remediation of the source area is not completed, and also if preventive measures are not incorporated into the new building design to protect against contaminated soil vapor intrusion. This potential route of exposure will be reduced in response to the degree and success of source area remediation.

Potential Off-Site Exposures: The entire area is serviced by the New York City Water System which distributes water from the Croton Reservoir system. Since there are no public or private potable supply wells in the area, exposure from contact with tap water is not a concern. Off-site exposure is therefore limited to vapor intrusion from CVOCs migrating from the site. Potential off-site exposure related to CVOC vapor intrusion is a concern. The potentially exposed population in this case would include residents and commercial workers in adjacent buildings.

Potential Off-Site Environmental Impacts: Since CVOCs in groundwater may be passing beneath the site at low concentrations in a southwesterly direction, the groundwater to surface water discharge pathway was evaluated. The nearest surface water is English Kills channel approximately 2,000 feet east (upgradient of the Site). Based on the low concentrations of CVOC contaminants in groundwater at the Site and the distance and position of the site relative to English Kills Channel, there are no expected impacts to surface water environments from contaminants migrating beneath the Site.

6.0 CONCLUSIONS AND RECOMENDATIONS

Subsurface soils at the site include silty non-native fill with bricks, wood and other rubble to approximately 2 feet below grade. The fill materials contain elevated levels (above unrestricted or restricted residential SCOS) of SVOCs, metals and pesticides. A native brown fine-medium grained silty-sand is present immediately below the fill material to a depth of approximately 20 feet below grade. Below the silty sand is a reddish brown medium-coarse grained sand to a depth of at least 40 feet (boring termination). A sandy-clay lens was also reported in two locations (B7, B12) between the 17 and 25 foot interval. The thickness of the lens could not be determined due to limited sample return.

Groundwater at the Site is present at a depth of approximately 35 feet below surface grade within the native medium-coarse sand. Groundwater flow as measured at the site is generally from the east-northeast to the west-southwest.

The results of sampling performed during this RI, identified CVOCs in shallow soil which are likely related to a surface spill of chlorinated solvents used as degreasers in both metal fabrication and in exhaust hood cleaning, which migrated through cracks or other voids in the concrete floor. The timing and scenario of the release are unknown and may have either occurred prior to construction of the current building in 1981, which would be related to the metal fabrication business or a release occurring in post 1981 building by an unknown commercial tenant. The CVOC contaminants were found to be limited to the top 5 feet of soil within an approximate 350 ft² area located in southern third of the site.

Elevated levels of SVOCs, metals and pesticides reported in shallow soil throughout the site are characteristic of the historic fill materials present at the site and throughout the area. Note that several pesticides were identified above unrestricted SCOs in the 12-14 foot interval of one of the borings. This interval is below the depth of the fill material. However, this is the only boring in which pesticides were reported at this depth and are likely to the fallback of surficial material into the borehole. Further analysis of pesticides at depth will be determined from endpoint verification samples following excavation of the Site.

Groundwater samples obtained from all four temporary monitoring wells indicate that there were no Petroleum VOC impacts to groundwater. Low levels of CVOCs were detected in all four wells and were generally highest along the eastern property line. The concentrations and parameters reported are consistent with general background conditions documented throughout former commercial areas of Brooklyn and are not related to the site.

Off-gassing is occurring from the shallow contaminated soils resulting in elevated concentrations of TCE and to a lesser extent PCE in soil gas. The highest concentrations of TCE in soil vapor were located near the west property line in the southern third of the property at location SG2. This is consistent with the area of highest CVOC concentration in soil gas reported during the Phase II.

The qualitative exposure assessment identified potential completed routes of exposure to construction workers and remediation workers through inhalation, ingestion and dermal contact during excavation activities. The Health and Safety Plan prepared for the site identifies such

exposures and provides instructions for on-site workers to minimize potential exposure. Occupants in the proposed on-site residential building may be exposed to CVOCs through the vapor intrusion pathway if preventive measures are not incorporated into the design of the new buildings.

The exposure assessment also identified potential exposure to commercial workers and residents in adjacent buildings through migrating vapors off-gassing from the source in shallow soil.

Potential environmental impacts through the groundwater to surface water discharge are unlikely based upon the low concentration of CVOCs in groundwater (maximum concentration of 24 µg/L) and distance to the English Kills Canal (approximately 2,000 feet).

Recommendations include the removal of the chlorinated impacted soil in the southwest portion of the property and all fill material during redevelopment of the Site as needed to achieve Track 1 unrestricted SCOs. Note that if pesticides (or other parameters) are found above unrestricted use SCOs in endpoint samples, then over excavation will be required to attain Track 1. If unrestricted SCOs cannot be achieved, then a Track 2 remedy may be an appropriate alternative.

Soil vapor intrusion mitigation measures such as a vapor barrier or sub-slab depressurization system should be considered in the design of the new buildings to be constructed on the site. Further evaluation of vapor intrusion can also be performed following implementation of the RAWP to determine if conditions improve to the point where active mitigation is unnecessary. The results of this evaluation and the design elements of any mitigation system should then be incorporated into the Remedial Action Work Plan for the site.

7.0 REFERENCES

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

Environmental Business Consultants, *Phase I Environmental Site Assessment Report, 871 Grand Street, Brooklyn, NY. November 11, 2012.*

Environmental Business Consultants, *Phase II Subsurface Investigation Report, 871 Grand Street, Brooklyn, NY. July, 2012.*

Environmental Business Consultants, *NYS Brownfield Cleanup Program, Program Application and Supplemental Information Package, Former Scientific Fire Prevention Inc. Site, 871 Grand Street, Brooklyn, NY. August 2012.*

Environmental Business Consultants, *Remedial Investigation Work Plan, Former Scientific Fire Prevention Inc. Site, 871 Grand Street, Brooklyn, NY. August 2012, Revised January 2013.*

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.*

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

TABLES

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

Matrix	Location	Number of Samples	Rationale for Sampling	Laboratory Analysis
Subsurface soil (0 to 40 feet bgs)	4 borings in the southern third of the site, one boring in the northwestern area and one boring in the northeastern area.	11	To supplement previous sampling and delineate CVOC affected soil in the southern third of the Site.	VOCs EPA Method 8260B
Subsurface soil (0 to 15 feet bgs)	4 borings in the southern third of the site, one boring in the northwestern area and one boring in the northeastern area.	7	To evaluate soil quality of urban fill materials and native soil below excavation depth across the Site.	SVOCs EPA Method 8270 BN, pesticide / PCBs EPA Method 8081/8082, TAL metals.
Total (Soils)		18		
Groundwater (water table)	From 4 monitoring wells across the Site.	4	To supplement previous sampling and delineate VOC affected groundwater.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, TAL metals dissolved and total.
Total (Groundwater)		4		
Soil Gas (12 ft below existing slab)	6 soil gas implants to be installed around perimeter of Site.	6	Evaluate soil gas at perimeter of Site.	VOCs EPA Method TO15
Total (Soil Gas)		6		
MS/MSD	Matrix spike and Matrix spike duplicates at the rate 5%	2	To meet requirements of QA / QC program	1 MS/MSD for VOCs EPA Method 8260B and 1 MS/MSD for SVOCs EPA Method 8270 BN, pesticide / PCBs EPA Method 8081/8082, TAL metals.
Trip Blanks	One laboratory prepared trip blank to accompany samples each time they are delivered to the laboratory.	2	To meet requirements of QA / QC program	VOCs EPA Method 8260B
Total (QA / QC Samples)		4		

Table 2
Former Scientific Fire Prevention Inc. Site
Brooklyn, NY
Monitoring Well Construction Information

Well No.	Well Diameter (in)	Total Well Depth (ft)	Screened Interval (ft)	Casing Reading	Casing Elevation	DTW 4/12/2013	GW ELV 4/12/2013
MW3	1	45	35-45	5.55	94.45	34.99	59.46
MW4	1	45	35-45	5.32	94.68	35.21	59.47
MW5	1	45	35-45	5.32	94.68	35.18	59.50
MW6	1	45	35-45	5.24	94.76	35.27	59.49

TABLE 3
871 Grand Street, Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B7			B8			B9		B10		B11			B12			Duplicate				
			(1-3') µg/Kg	(12-14') µg/Kg	(38-40') µg/Kg	(12-14') µg/Kg	(38-40') µg/Kg	(12-14') µg/Kg	(12-14') µg/Kg	(12-14') µg/Kg	(12-14') µg/Kg	(12-14') µg/Kg	(12-14') µg/Kg	(38-40') µg/Kg	(12-14') µg/Kg	(38-40') µg/Kg	(12-14') µg/Kg	(38-40') µg/Kg	µg/Kg	µg/Kg			
1,1,1,2-Tetrachloroethane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,1,1-Trichloroethane	680	100,000	ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,1,2,2-Tetrachloroethane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,1,2-Trichloroethane			180	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,1-Dichloroethane	270	26,000	ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,1-Dichloroethene	330	100,000	270	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,1-Dichloropropene			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,2,3-Trichlorobenzene			5,900	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,2,3-Trichloropropane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,2,4-Trichlorobenzene			21,000	6500	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,2,4-Trimethylbenzene	3,600	52,000	630	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,2-Dibromo-3-chloropropane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,2-Dichlorobenzene	1,100	100,000	44,000	6500	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,2-Dichloroethane	20	3,100	120	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,2-Dichloropropane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,3,5-Trimethylbenzene	8,400	52,000	220	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,3-Dichlorobenzene	2,400	49,000	64,000	6500	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,3-Dichloropropane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
1,4-Dichlorobenzene	1,800	13,000	44,000	6500	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
2,2-Dichloropropane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
2-Chlorotoluene			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
2-Hexanone (Methyl Butyl Ketone)			ND	2900	ND	18	ND	24	ND	23	ND	17	ND	23	ND	21	ND	28	ND	28	ND	27	
2-Isopropyltoluene			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
4-Chlorotoluene			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
4-Methyl-2-Pentanone		100,000	ND	2900	ND	18	ND	24	ND	23	ND	17	ND	23	ND	21	ND	28	ND	28	ND	27	
Acetone			ND	5800	5.5	18	8.6	24	12	22	ND	17	19	23	4.6	21	ND	28	ND	28	ND	27	
Acrylonitrile			ND	1200	ND	7.3	ND	9.5	ND	8	ND	6.7	ND	9.1	ND	8.4	ND	11	ND	11	ND	11	
Benzene	60	4,800	ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Bromobenzene			95	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Bromochloromethane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Bromodichloromethane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Bromoform			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Bromomethane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Carbon Disulfide			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Carbon tetrachloride	760	2,400	ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Chlorobenzene	1,100	100,000	530	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Chloroethane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Chloroform	370	49,000	ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Chloromethane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
cis-1,2-Dichloroethene	250	100,000	38,000	6100	ND	3.6	ND	4.8	1.3	4.5	ND	3.4	19	4.6	2	4.5	ND	5.6	ND	5.7	ND	5.4	
cis-1,3-Dichloropropene		49,000	ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Dibromochloromethane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Dibromomethane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Dichlorodifluoromethane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Ethylbenzene	1,000	41,000	180	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Hexachlorobutadiene			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Isopropylbenzene			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
m&p-Xylenes	260		300	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Methyl Ethyl Ketone (2-Butanone)		100,000	ND	3500	ND	22	ND	29	ND	27	ND	20	ND	27	ND	25	ND	33	ND	34	ND	32	
Methyl t-butyl ether (MTBE)			ND	1200	ND	7.3	ND	9.5	ND	8	ND	6.7	ND	9.1	ND	8.4	ND	11	ND	11	ND	11	
Methylene chloride	50	100,000	210	580	ND	3.6	1.4	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	6.7	11	11	5.6	9.1	6.2	
Napthalene			590	580	ND	3.6	3.7	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
n-Butylbenzene			120	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
n-Propylbenzene			180	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
o-Xylene	260		ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
p-Isopropyltoluene			180	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
sec-Butylbenzene			240	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Styrene			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
tert-Butylbenzene			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
Tetrachloroethene	1,300	19,000	36,000	6100	ND	3.6	1.9	4.8	1.5	4.5	2.4	3.4	ND	4.6	1.3	4.2	ND	5.6	ND	5.6	1.3	5.7	
Tetrahydrofuran (THF)			ND	1200	ND	7.3	ND	9.5	ND	8	ND	6.7	ND	9.1	ND	8.4	ND	11	ND	11	ND	11	
Toluene	700	100,000	790	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
trans-1,2-Dichloroethene		100,000	1,600	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
trans-1,3-Dichloropropene			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND	4.2	ND	5.6	ND	5.7	ND	5.4	
trans-1,4-dichloro-2-butene			ND	1200	ND	7.3	ND	9.5	ND	8	ND	6.7	ND	9.1	ND	8.4	ND	11	ND	11	ND	11	
Trichloroethene	470	21,000	350,000	27000	2.1	7.5	4.8	16	4.5	1	3.4	20	4.6	3	4.2	ND	5.6	ND	5.6	ND	5.7	ND	5.4
Trichlorofluoromethane			ND	580	ND	3.6	ND	4.8	ND	4.5	ND	3.4	ND	4.6	ND								

TABLE 4
871 Grand Street, Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B7			B8		B9	B10	B11		B12		Duplicate
			(1-3') µg/Kg	(12-14') µg/Kg	(38-40') µg/Kg	(12-14') µg/Kg	(38-40') µg/Kg	(12-14') µg/Kg	(12-14') µg/Kg	(12-14') µg/Kg	(38-40') µg/Kg	(12-14') µg/Kg	(38-40') µg/Kg	µg/Kg
1,2,4,5-Tetrachlorobenzene			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
1,2,4-Trichlorobenzene			11,000	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
1,2-Dichlorobenzene			35,000	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
1,3-Dichlorobenzene			40,000	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
1,4-Dichlorobenzene			30,000	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
2,4,5-Trichlorophenol			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
2,4,6-Trichlorophenol			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
2,4-Dichlorophenol			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
2,4-Dimethylphenol			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
2,4-Dinitrophenol			ND 4500	ND 400	-	ND 400	-	ND 400	ND 410	ND 400	-	ND 410	-	ND 400
2,4-Dinitrotoluene			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
2,6-Dinitrotoluene			ND 2300	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
2-Chloronaphthalene			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
2-Chlorophenol			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
2-Methylnaphthalene			2,000	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
2-Methylphenol (o-cresol)			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
2-Nitroaniline			ND 4500	ND 400	-	ND 400	-	ND 400	ND 410	ND 400	-	ND 410	-	ND 400
2-Nitrophenol			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
3&4-Methylphenol (m&p-cresol)			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
3,3'-Dichlorobenzidine			ND 5700	ND 490	-	ND 500	-	ND 510	ND 510	ND 500	-	ND 510	-	ND 490
3-Nitroaniline			ND 4500	ND 400	-	ND 400	-	ND 400	ND 410	ND 400	-	ND 410	-	ND 400
4,6-Dinitro-2-methylphenol			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
4-Bromophenyl phenyl ether			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
4-Chloro-3-methylphenol			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
4-Chloroaniline			ND 5700	ND 490	-	ND 500	-	ND 510	ND 510	ND 500	-	ND 510	-	ND 490
4-Chlorophenyl phenyl ether			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
4-Nitroaniline			ND 4500	ND 400	-	ND 400	-	ND 400	ND 410	ND 400	-	ND 410	-	ND 400
4-Nitrophenol			ND 8200	ND 720	-	ND 720	-	ND 730	ND 740	ND 730	-	ND 740	-	ND 720
Acenaphthene	20,000	100,000	ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Acenaphthylene	100,000	100,000	ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Acetophenone			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Aniline			ND 8200	ND 720	-	ND 720	-	ND 730	ND 740	ND 730	-	ND 740	-	ND 720
Anthracene	100,000	100,000	ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Benzo(a)anthracene	1,000	1,000	1,800	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
Benzbidine			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Benzo(a)pyrene	1,000	1,000	2,200	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
Benzo(b)fluoranthene	1,000	1,000	4,100	2300	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
Benzo(g,h,i)perylene	100,000	100,000	ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Benzo(k)fluoranthene	800	3,900	1,600	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
Benzoic Acid			ND 8200	ND 720	-	ND 720	-	ND 730	ND 740	ND 730	-	ND 740	-	ND 720
Butyl benzyl phthalate			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Bis(2-chloroethoxy)methane			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Bis(2-chloroethyl)ether			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Bis(2-chloroisopropyl)ether			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Bis(2-ethylhexyl)phthalate			11,000	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
Carbazole			ND 8200	ND 720	-	ND 720	-	ND 730	ND 740	ND 730	-	ND 740	-	ND 720
Chrysene	1,000	3,900	2,700	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
Dibenzo(a,h)anthracene	330	330	ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Dibenzofuran			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Diethyl phthalate			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Dimethyl phthalate			3,000	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
Di-n-butylphthalate			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Di-n-octylphthalate			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Fluoranthene	100,000	100,000	3,700	2800	ND 250	-	ND 250	-	130	250	ND 250	ND 250	-	ND 250
Fluorene	30,000	100,000	ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Hexachlorobenzene			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Hexachlorobutadiene			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Hexachlorocyclopentadiene			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Hexachloroethane			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Indeno(1,2,3-cd)pyrene	500	500	ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Isophorone			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Naphthalene	12,000	100,000	110	2300	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
Nitrobenzene			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
N-Nitrosodimethylamine			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
N-Nitrosodi-n-propylamine			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
N-Nitrosodiphenylamine			ND 8200	ND 720	-	ND 720	-	ND 730	ND 740	ND 730	-	ND 740	-	ND 720
Pentachloronitrobenzene			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Pentachlorophenol	800	6,700	ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Phenanthrene	100,000	100,000	3,500	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
Phenol			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250
Pyrene	100,000	100,000	3,800	2800	ND 250	-	ND 250	-	ND 250	ND 250	-	ND 250	-	ND 250
Pyridine			ND 2800	ND 250	-	ND 250	-	ND 250	ND 250	ND 250	-	ND 250	-	ND 250

Notes:

2 - Numbers in Grey refer to Reporting Limit (RL)

* - NYSDEC Technical and Administrative Guidance Memorandum 4046, 1994

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

ND - Not detected

NA - Guidance value not available

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

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

TABLE 5
871 Grand Street, Brooklyn, New York
Soil Analytical Results
Pesticides / PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B7						B8				B9		B10		B11				B12				Duplicate	
			(1-3')		(12-14')		(38-40')		(12-14')		(38-40')		(12-14')		(12-14')		(12-14')		(38-40')		(12-14')		(38-40')			
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
PCB-1016	1,000	1,000	-		ND	36	-	-	ND	35	-	-	ND	36	ND	36	ND	37	-	-	ND	36	-	-	ND	35
PCB-1221	1,000	1,000	-		ND	36	-	-	ND	35	-	-	ND	36	ND	36	ND	37	-	-	ND	36	-	-	ND	35
PCB-1232	1,000	1,000	-	-	ND	36	-	-	ND	35	-	-	ND	36	ND	36	ND	37	-	-	ND	36	-	-	ND	35
PCB-1242	1,000	1,000	-	-	ND	36	-	-	ND	35	-	-	ND	36	ND	36	ND	37	-	-	ND	36	-	-	ND	35
PCB-1248	1,000	1,000	-	-	ND	36	-	-	ND	35	-	-	ND	36	ND	36	ND	37	-	-	ND	36	-	-	ND	35
PCB-1254	1,000	1,000	-	-	ND	36	-	-	ND	35	-	-	ND	36	ND	36	ND	37	-	-	ND	36	-	-	ND	35
PCB-1260	1,000	1,000	-	-	ND	36	-	-	ND	35	-	-	ND	36	ND	36	ND	37	-	-	ND	36	-	-	ND	35
PCB-1262	1,000	1,000	-	-	ND	36	-	-	ND	35	-	-	ND	36	ND	36	ND	37	-	-	ND	36	-	-	ND	35
PCB-1268	1,000	1,000	-	-	ND	36	-	-	ND	35	-	-	ND	36	ND	36	ND	37	-	-	ND	36	-	-	ND	35
4,4-DDD	3.3	13,000	-	-	ND	3	-	-	ND	3	-	-	160	13	ND	3	ND	2.6	-	-	ND	2.6	-	-	ND	2.6
4,4-DDE	3.3	8,900	-	-	ND	3	-	-	ND	3	-	-	34	2.6	ND	3	ND	2.6	-	-	ND	2.6	-	-	ND	2.6
4,4-DDT	3.3	7,900	-	-	ND	3	-	-	ND	3	-	-	140	13	ND	3	ND	2.6	-	-	ND	2.6	-	-	ND	2.6
a-BHC	20	480	-	-	ND	2	-	-	ND	2	-	-	ND	1.8	ND	2	ND	1.8	-	-	ND	1.8	-	-	ND	1.8
Alachlor			-	-	ND	4	-	-	ND	4	-	-	ND	3.6	ND	4	ND	3.7	-	-	ND	3.6	-	-	ND	3.5
Aldrin	5	97	-	-	ND	2	-	-	ND	2	-	-	ND	1.8	ND	2	ND	1.8	-	-	ND	1.8	-	-	ND	1.8
b-BHC	36	360	-	-	ND	2	-	-	ND	2	-	-	ND	1.8	ND	2	ND	1.8	-	-	ND	1.8	-	-	ND	1.8
Chlordane	94	4,200	-	-	ND	22	-	-	ND	21	-	-	760	110	ND	22	ND	22	-	-	ND	22	-	-	ND	21
d-BHC	40	100,000	-	-	ND	2	-	-	ND	2	-	-	ND	1.8	ND	2	ND	1.8	-	-	ND	1.8	-	-	ND	1.8
Dieldrin	5	200	-	-	ND	2	-	-	ND	2	-	-	55	1.8	ND	2	ND	1.8	-	-	ND	1.8	-	-	ND	1.8
Endosulfan I	2,400	24,000	-	-	ND	4	-	-	ND	4	-	-	ND	3.6	ND	4	ND	3.7	-	-	ND	3.6	-	-	ND	3.5
Endosulfan II	2,400	24,000	-	-	ND	4	-	-	ND	4	-	-	ND	3.6	ND	4	ND	3.7	-	-	ND	3.6	-	-	ND	3.5
Endosulfan Sulfate	2,400	24,000	-	-	ND	4	-	-	ND	4	-	-	ND	3.6	ND	4	ND	3.7	-	-	ND	3.6	-	-	ND	3.5
Endrin	14	11,000	-	-	ND	2	-	-	ND	2	-	-	ND	2.4	ND	2	ND	1.8	-	-	ND	1.8	-	-	ND	1.8
Endrin aldehyde			-	-	ND	4	-	-	ND	4	-	-	ND	3.6	ND	4	ND	3.7	-	-	ND	3.6	-	-	ND	3.5
Endrin ketone			-	-	ND	2	-	-	ND	2	-	-	ND	1.8	ND	2	ND	1.8	-	-	ND	1.8	-	-	ND	1.8
gamma-BHC			-	-	ND	2	-	-	ND	2	-	-	ND	1.8	ND	2	ND	1.8	-	-	ND	1.8	-	-	ND	1.8
Heptachlor	42	2,100	-	-	ND	2	-	-	ND	2	-	-	7	1.8	ND	2	ND	1.8	-	-	ND	1.8	-	-	ND	1.8
Heptachlor epoxide			-	-	ND	2	-	-	ND	2	-	-	ND	1.8	ND	2	ND	1.8	-	-	ND	1.8	-	-	ND	1.8
Methoxychlor			-	-	ND	7	-	-	ND	7	-	-	ND	7.2	ND	7	ND	7.4	-	-	ND	7.2	-	-	ND	7.1
Toxaphene			-	-	ND	35	-	-	ND	34	-	-	ND	34	ND	35	ND	35	-	-	ND	35	-	-	ND	34

Notes:

2 - Numbers in Grey refer to Reporting Limit (RL)

* - NYSDEC Technical and Administrative Guidance Memorandum 4046, 1994

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

ND - Not-detected

NA - Guidance value not available

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

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

TABLE 6
871 Grand Street, Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B7						B8				B9		B10		B11				B12				Duplicate	
			(1-3') mg/Kg	(12-14') mg/Kg	(38-40') mg/Kg				(12-14') mg/Kg	(38-40') mg/Kg			(12-14') mg/Kg		(12-14') mg/Kg		(12-14') mg/Kg	(38-40') mg/Kg			(12-14') mg/Kg	(38-40') mg/Kg			mg/Kg	
Silver	2	180	-	-	BRL	0.4	-	-	BRL	0.34	-	-	BRL	0.32	BRL	0.37	BRL	0.38	-	-	BRL	0.38	-	-	BRL	0.4
Aluminum			-	-	6,830	37	-	-	6,210	34	-	-	7,230	32	7,980	37	6,710	38	-	-	6,100	38	-	-	6,370	36.0
Arsenic	13	16	-	-	0.8	0.7	-	-	0.9	0.70	-	-	0.8	0.60	0.8	0.7	BRL	0.8	-	-	BRL	0.8	-	-	BRL	0.7
Barium	350	400	-	-	44.2	0.7	-	-	29.6	0.70	-	-	29	0.60	37	0.7	28.1	0.8	-	-	23.6	0.8	-	-	23.5	0.7
Beryllium	7.2	72	-	-	0.68	0.3	-	-	0.39	0.27	-	-	0.48	0.26	0.44	0.3	0.45	0.3	-	-	0.35	0.31	-	-	0.33	0.3
Calcium			-	-	1,560	3.7	-	-	521	3.4	-	-	933	3.20	798	3.7	526	3.8	-	-	558	3.8	-	-	542	3.6
Cadmium	2.5 c	4.3	-	-	BRL	0.4	-	-	BRL	0.34	-	-	BRL	0.32	BRL	0.37	BRL	0.38	-	-	BRL	0.38	-	-	BRL	0.4
Cobalt			-	-	11	0.4	-	-	4.27	0.34	-	-	5.28	0.32	4.68	0.37	4.74	0.38	-	-	3.74	0.38	-	-	4.2	0.4
Chromium	30 c		-	-	19.7	0.4	-	-	14.2	0.34	-	-	16.5	0.32	21.5	0.37	16.5	0.38	-	-	14.4	0.38	-	-	13	0.4
Copper	50	270	-	-	30.2	0.4	-	-	10.1	0.34	-	-	13	0.32	11.9	0.37	9.38	0.38	-	-	9.24	0.38	-	-	12.9	0.4
Iron			-	-	34,900	37	-	-	16,600	34	-	-	24,200	32	22,300	37	19,700	38	-	-	22,700	38	-	-	16,800	36.0
Mercury	0.18 c	0.81	-	-	BRL	0.1	-	-	BRL	0.08	-	-	0.1	0.08	BRL	0.07	BRL	0.09	-	-	BRL	0.09	-	-	BRL	0.1
Potassium			-	-	1,210	7	-	-	1,180	7	-	-	1,150	6.00	1,150	7	1,050	8	-	-	863	8	-	-	1,040	7
Magnesium			-	-	1,920	3.7	-	-	1,460	3.40	-	-	1,620	3.20	1,620	3.7	1,550	3.8	-	-	1,840	3.8	-	-	2,200	3.6
Manganese	1600 c	2,000	-	-	637	3.7	-	-	262	3.40	-	-	383	3.20	235	3.7	281	3.8	-	-	418	3.8	-	-	275	3.6
Sodium			-	-	332	7	-	-	88.0	7	-	-	92	6	145	7	54	8	-	-	84	8	-	-	46	7
Nickel	30	310	-	-	13.9	0.4	-	-	8.58	0.34	-	-	9.29	0.32	10.8	0.37	8.79	0.38	-	-	9.82	0.38	-	-	10.1	0.4
Lead	63 c	400	-	-	7.9	0.7	-	-	4.7	0.70	-	-	15	0.60	5.6	0.7	5.5	0.8	-	-	4.2	0.8	-	-	3.9	0.7
Antimony			-	-	BRL	1.9	-	-	BRL	1.70	-	-	BRL	1.60	BRL	1.9	BRL	1.9	-	-	BRL	1.9	-	-	BRL	1.8
Selenium	3.9c	180	-	-	BRL	1.5	-	-	BRL	1.30	-	-	BRL	1.30	BRL	1.5	BRL	1.5	-	-	BRL	1.5	-	-	BRL	1.5
Thallium			-	-	BRL	0.6	-	-	BRL	0.50	-	-	BRL	0.50	BRL	0.6	BRL	0.6	-	-	BRL	0.6	-	-	BRL	0.6
Vanadium			-	-	43	0.4	-	-	21.2	0.30	-	-	25.2	0.30	25.9	0.4	24.6	0.4	-	-	19.7	0.4	-	-	20.8	0.4
Zinc	109 c	10,000	-	-	32	0.7	-	-	22.6	0.70	-	-	28	0.60	24	0.7	22.4	0.8	-	-	39.9	0.8	-	-	33.5	0.7

Notes:

2 - Numbers in Grey refer to Reporting Limit (RL)

* - NYSDEC Technical and Administrative Guidance Memorandum 4046, 1994

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

ND - Not-detected

NA - Guidance value not available

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

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

TABLE 7
871 Grand Street, Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW3 µg/L	MW4 µg/L	MW5 µg/L	MW6 µg/L	MW5 (Duplicate) µg/L
1,1,1,2-Tetrachloroethane	5	ND	1	ND	1	ND
1,1,1-Trichloroethane	5	ND	5	ND	5	ND
1,1,2,2-Tetrachloroethane	5	ND	1	ND	1	ND
1,1,2-Trichloroethane	1	ND	1	ND	1	ND
1,1-Dichloroethane	5	ND	5	ND	5	ND
1,1-Dichloroethene		ND	1	ND	1	ND
1,1-Dichloropropene		ND	1	ND	1	ND
1,2,3-Trichlorobenzene		ND	1	ND	1	ND
1,2,3-Trichloropropane		ND	1	ND	1	ND
1,2,4-Trichlorobenzene		ND	1	ND	1	ND
1,2,4-Trimethylbenzene	5	ND	1	ND	1	ND
1,2-Dibromo-3-chloropropane		ND	1	ND	1	ND
1,2-Dichlorobenzene		ND	1	ND	1	ND
1,2-Dichloroethane	0.6	ND	2	ND	2	ND
1,2-Dichloropropane	0.94	ND	1	ND	1	ND
1,3,5-Trimethylbenzene	5	ND	1	ND	1	ND
1,3-Dichlorobenzene		ND	5	ND	5	ND
1,3-Dichloropropane		ND	1	ND	1	ND
1,4-Dichlorobenzene		ND	5	ND	5	ND
2,2-Dichloropropane		ND	1	ND	1	ND
2-Chlorotoluene		ND	1	ND	1	ND
2-Hexanone (Methyl Butyl Ketone)		ND	1	ND	1	ND
2-Isopropyltoluene		ND	1	ND	1	ND
4-Chlorotoluene		ND	1	ND	1	ND
4-Methyl-2-Pentanone		ND	1	ND	1	ND
Acetone		1.3	5	3.5	5	0.94
Acrylonitrile		ND	5	ND	5	ND
Benzene	1	ND	1	ND	1	ND
Bromobenzene		ND	1	ND	1	ND
Bromochloromethane	5	ND	1	ND	1	ND
Bromodichloromethane		ND	1	ND	1	ND
Bromoform		ND	5	ND	5	ND
Bromomethane	5	ND	5	ND	5	0.27
Carbon Disulfide		ND	1	0.31	1	ND
Carbon tetrachloride	5	ND	1	ND	1	ND
Chlorobenzene		ND	5	ND	5	ND
Chloroethane		ND	5	ND	5	ND
Chloroform	7	2.3	5	2.1	5	1.1
Chloromethane		ND	5	ND	5	ND
cis-1,2-Dichloroethene	5	1.7	1	3.2	1	2.3
cis-1,3-Dichloropropene		ND	1	ND	1	ND
Dibromochloromethane		ND	1	ND	1	ND
Dibromomethane		ND	1	ND	1	ND
Dichlorodifluoromethane		ND	1	ND	1	ND
Ethylbenzene	5	ND	1	ND	1	ND
Hexachlorobutadiene		ND	1	ND	1	ND
Isopropylbenzene	5	ND	1	ND	1	ND
m&p-Xylenes	5	ND	1	ND	1	ND
Methyl Ethyl Ketone (2-Butanone)		ND	1	0.73	1	ND
Methyl t-butyl ether (MTBE)		ND	1	ND	1	ND
Methylene chloride		ND	3	ND	3	ND
Naphthalene		ND	1	ND	1	ND
n-Butylbenzene	5	ND	1	ND	1	ND
n-Propylbenzene	5	ND	1	ND	1	ND
o-Xylene	5	ND	1	ND	1	ND
p-Isopropyltoluene		ND	1	ND	1	ND
sec-Butylbenzene		ND	1	ND	1	ND
Styrene		ND	1	ND	1	ND
tert-Butylbenzene		ND	1	ND	1	ND
Tetrachloroethene	5	24	1	8	1	15
Tetrahydrofuran (THF)		ND	5	ND	5	ND
Toluene	5	ND	1	ND	1	ND
trans-1,2-Dichloroethene		ND	5	ND	5	ND
trans-1,3-Dichloropropene		ND	1	ND	1	ND
trans-1,4-dichloro-2-butene		ND	1	ND	1	ND
Trichloroethene	5	3.9	1	5.3	1	9.4
Trichlorofluoromethane		ND	1	ND	1	ND
Trichlorotrifluoroethane		ND	1	ND	1	ND
Vinyl Chloride		ND	1	ND	1	ND

Notes:

2 - Numbers in Grey refer to Reporting Limit (RL)

ND - Not detected

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 8
871 Grand Street, Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW3		MW4		MW5		MW6		MW5 (Duplicate)	
	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
1,2-Dichlorobenzene	3	ND	5	-	-	ND	6	ND	6	ND	5
1,3-Dichlorobenzene	3	ND	5	-	-	ND	6	ND	6	ND	5
1,4-Dichlorobenzene		ND	5	-	-	ND	6	ND	6	ND	5
2,4-Dinitrotoluene	5	ND	5	-	-	ND	6	ND	6	ND	5
2,6-Dinitrotoluene	5	ND	5	-	-	ND	6	ND	6	ND	5
2-Chloronaphthalene	10	ND	5	-	-	ND	6	ND	6	ND	5
2-Methylnaphthalene		ND	5	-	-	ND	6	ND	6	ND	5
2-Nitroaniline	5	ND	25	-	-	ND	28	ND	31	ND	25
3,3'-Dichlorobenzidine	5	ND	10	-	-	ND	11	ND	13	ND	10
3-Nitroaniline	5	ND	25	-	-	ND	28	ND	31	ND	25
4-Bromophenyl phenyl ether		ND	5	-	-	ND	6	ND	6	ND	5
4-Chloroaniline	5	ND	10	-	-	ND	11	ND	13	ND	10
4-Chlorophenyl phenyl ether		ND	5	-	-	ND	6	ND	6	ND	5
4-Nitroaniline	5	ND	25	-	-	ND	28	ND	31	ND	25
Acenaphthene	20	ND	5	-	-	ND	6	ND	6	ND	5
Acenaphthylene		ND	0	-	-	ND	0	ND	0	ND	0.1
Anthracene	50	ND	5	-	-	ND	6	ND	6	ND	5
Benzo(a)anthracene	0.002	ND	0	-	-	ND	0	0.063	0	ND	0
Benzidine	5	ND	10	-	-	ND	11	ND	13	ND	10
Benzo(a)pyrene		ND	0	-	-	ND	0	ND	0	ND	0.1
Benzo(b)fluoranthene	0.002	ND	0	-	-	ND	0	ND	0	ND	0.1
Benzo(g,h,i)perylene		ND	0	-	-	ND	0	ND	0	ND	0.1
Benzo(k)fluoranthene	0.002	ND	0	-	-	ND	0	ND	0	ND	0.1
Benzoic Acid		ND	25	-	-	ND	28	ND	31	ND	25
Butyl benzyl phthalate	50	ND	5	-	-	ND	6	ND	6	ND	5
Bis(2-chloroethoxy)methane	5	ND	5	-	-	ND	6	ND	6	ND	5
Bis(2-chloroethyl)ether	1	ND	5	-	-	ND	6	ND	6	ND	5
Bis(2-chloroisopropyl)ether		ND	5	-	-	ND	6	ND	6	ND	5
Bis(2-ethylhexyl)phthalate	5	ND	2	-	-	ND	2	ND	2	ND	1.6
Chrysene	0.002	ND	0	-	-	ND	0	ND	0	ND	0.1
Dibenzo(a,h)anthracene		ND	0	-	-	ND	0	ND	0	ND	0.1
Dibenzofuran		ND	5	-	-	ND	6	ND	6	ND	5
Diethylphthalate	50	ND	5	-	-	ND	6	ND	6	ND	5
Dimethylphthalate	50	ND	5	-	-	ND	6	ND	6	ND	5
Di-n-butylphthalate	50	ND	5	-	-	ND	6	ND	6	ND	5
Di-n-octylphthalate	50	ND	5	-	-	ND	6	ND	6	ND	5
Fluoranthene	50	ND	5	-	-	ND	6	ND	6	ND	5
Fluorene	50	ND	5	-	-	ND	6	ND	6	ND	5
Hexachlorobenzene	0.04	ND	0	-	-	ND	0	ND	0	ND	0.1
Hexachlorobutadiene	0.5	ND	5	-	-	ND	6	ND	6	ND	5
Hexachlorocyclopentadiene	5	ND	5	-	-	ND	6	ND	6	ND	5
Hexachloroethane	5	ND	2	-	-	ND	3	ND	3	ND	2.4
Indeno(1,2,3-cd)pyrene	0.002	ND	0	-	-	ND	0	ND	0	ND	0.1
Isophorone	50	ND	5	-	-	ND	6	ND	6	ND	5
Naphthalene	10	ND	5	-	-	ND	6	ND	6	ND	5
Nitrobenzene	0.4	ND	5	-	-	ND	6	ND	6	ND	5
N-Nitrosodimethylamine		ND	5	-	-	ND	6	ND	6	ND	5
N-Nitrosodi-n-propylamine		ND	5	-	-	ND	6	ND	6	ND	5
N-Nitrosodiphenylamine	50	ND	5	-	-	ND	6	ND	6	ND	5
Phenanthrene	50	ND	0	-	-	ND	0	0.13	0	ND	0.1
Pyrene	50	ND	5	-	-	ND	6	ND	6	ND	5

Notes:

2 - Numbers in Grey refer to Reporting Limit (RL)

ND - Not detected

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 9
871 Grand Street, Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards µg/L	MW3 µg/L		MW4 µg/L		MW5 µg/L		MW6 µg/L		MW5 (Duplicate) µg/L	
PCB-1016	0.09	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
PCB-1221	0.09	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
PCB-1232	0.09	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
PCB-1242	0.09	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
PCB-1248	0.09	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
PCB-1254	0.09	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
PCB-1260	0.09	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
PCB-1262	0.09	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
PCB-1268	0.09	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
4,4-DDD	0.3	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
4,4-DDE	0.2	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
4,4-DDT	0.11	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
a-BHC	0.94	ND	0.026	-	-	ND	0.028	ND	0.027	ND	0.026
Alachlor		ND	0.078	-	-	ND	0.083	ND	0.082	ND	0.079
Aldrin		ND	0.002	-	-	ND	0.002	ND	0.002	ND	0.002
b-BHC	0.04	ND	0.005	-	-	ND	0.006	ND	0.006	ND	0.005
Chlordane	0.05	ND	0.310	-	-	ND	0.330	ND	0.330	ND	0.320
d-BHC	0.04	ND	0.026	-	-	ND	0.028	ND	0.027	ND	0.026
Dieldrin	0.004	0.005	0.002	-	-	0.033	0.002	0.006	0.002	0.018	0.002
Endosulfan I		ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
Endosulfan II		ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
Endosulfan Sulfate		ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
Endrin		ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
Endrin aldehyde	5	ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
Endrin ketone		ND	0.052	-	-	ND	0.056	ND	0.055	ND	0.053
gamma-BHC	0.05	ND	0.026	-	-	ND	0.028	ND	0.027	ND	0.026
Heptachlor	0.04	ND	0.026	-	-	ND	0.028	ND	0.027	ND	0.026
Heptachlor epoxide	0.03	ND	0.026	-	-	ND	0.028	ND	0.027	ND	0.026
Methoxychlor	35	ND	0.100	-	-	ND	0.110	ND	0.110	ND	0.100
Toxaphene		ND	1.000	-	-	ND	1.100	ND	1.100	ND	1.000

Notes:

2 - Numbers in Grey refer to Reporting Limit (RL)

ND - Non-detect

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 10
871 Grand Street, Brooklyn, New York
Groundwater Analytical Results
Total Metals

Compound	NYSDEC Groundwater Quality Standards µg/L	MW3 µg/L		MW4 µg/L		MW5 µg/L		MW6 µg/L		MW5 (Duplicate) µg/L	
Silver	50	BRL	5	BRL	5	BRL	5	BRL	5	BRL	5
Aluminum	NS	80,000	100	1,070,000	1000	354,000	100	55,400	100	215,000	100
Arsenic	25	7	4	160	4	54	4	13	4	38	4
Barium	1000	1,000	100	4,580	10	2,280	10	1,100	10	1,790	10
Beryllium	3	4	1	43	10	19	1	4	1	11	1
Calcium	NS	102,000	10	161,000	100	52,800	10	42,800	10	46,500	10
Cadmium	5	3	4	29	4	BRL	4	4	4	6	4
Cobalt	NS	77	5	495	5	177	5	80	5	88	5
Chromium	50	165	1	2,160	10	476	1	203	1	295	1
Copper	200	161	5	1,700	5	660	5	294	5	400	5
Iron	500	124,000	10	1,590,000	1,000	428,000	100	112,000	10	264,000	100
Mercury	0.7	3.7	0.2	1.9	0.2	0.3	0.2	BRL	0.2	BRL	0.2
Potassium	NS	20,800	100	108,000	1,000	24,400	100	18,200	100	17,200	100
Magnesium	35000	53,000	10	239,000	100	53,500	10	29,400	10	39,500	10
Manganese	300	9,050	50	55,000	500	15,100	50	21,900	500	9,330	50
Sodium	2000	159,000	1000	118,000	1000	21,500	100	16,500	100	20,900	100
Nickel	100	148	4	1,130	4	466	4	222	4	282	4
Lead	25	58	2	765	20	134	2	96	2	79	2
Antimony	3	BRL	3	281	30	52	30	BRL	3	BRL	30
Selenium	10	BRL	4	BRL	40	BRL	40	3	4	BRL	40
Thallium	0.5	BRL	2	BRL	2	BRL	2	BRL	2	BRL	2
Vanadium	NS	140	10	1,420	10	670	10	130	10	390	10
Zinc	2000	203	10	1,760	10	668	10	234	10	374	10

Notes:

2 - Numbers in Grey refer to Reporting Limit (RL)

ND - ND

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 11
871 Grand Street, Brooklyn, New York
Groundwater Analytical Results
Dissolved Metals

Compound	NYSDEC Groundwater Quality Standards µg/L	MW3 µg/L		MW4 µg/L		MW5 µg/L		MW6 µg/L		MW5 (Duplicate) µg/L	
Silver	50	BRL	5	BRL	5	BRL	5	BRL	5	BRL	5
Aluminum	NS	330	10	40	10	70	10	1,460	10	1,440	10
Arsenic	25	BRL	3	BRL	3	BRL	3	BRL	3	BRL	3
Barium	1000	106	11	54	11	34	11	43	11	43	11
Beryllium	3	BRL	1	BRL	1	BRL	1	BRL	1	BRL	1
Calcium	NS	102,000	10	82,000	10	39,200	10	35,500	10	38,800	10
Cadmium	5	BRL	4	BRL	4	BRL	4	BRL	4	BRL	4
Cobalt	NS	2	5	1	5	1	5	2	5	1	5
Chromium	50	BRL	1	BRL	1	BRL	1	2	1	BRL	1
Copper	200	BRL	5	BRL	5	1	5	3	5	1	5
Iron	500	310	10	30	10	40	10	1,550	10	1,020	10
Mercury	0.7	BRL	0.2	BRL	0.2	BRL	0.2	BRL	0.2	BRL	0.2
Potassium	NS	11,000	1,100	5,000	1,100	3,000	100	8,000	1,100	2,700	100
Magnesium	35000	40,000	10	28,000	10	15,200	10	11,800	10	15,200	10
Manganese	300	2,000	5	1,000	5	1,380	5	3,100	53	1,070	5
Sodium	2000	148,000	1,100	113,000	1,100	20,200	110	13,800	1,100	17,600	110
Nickel	100	4	4	5	4	6	4	20	4	5	4
Lead	25	BRL	2	BRL	2	BRL	2	BRL	2	BRL	2
Antimony	3	BRL	3	BRL	3	BRL	3	BRL	3	BRL	3
Selenium	10	BRL	4	BRL	4	4	4	2	4	4	4
Thallium	0.5	BRL	2	BRL	2	BRL	2	BRL	2	BRL	2
Vanadium	NS	BRL	10	BRL	10	BRL	10	BRL	10	BRL	10
Zinc	2000	3	11	BRL	11	4	11	6	11	4	11

Notes:

2 - Numbers in Grey refer to Reporting Limit (RL)

ND - ND

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 12
871 Grand Street, Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	SG-1 (µg/m³)		SG-2 (µg/m³)		SG-3 (µg/m³)		SG-4 (µg/m³)		SG-5 (µg/m³)		SG-6 (µg/m³)	
1,1,1,2-Tetrachloroethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1,1-Trichloroethane	4.52	1	42.10	1	5.02	1	14.20	1	18.20	1	11.80	1
1,1,2,2-Tetrachloroethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1,2-Trichloroethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethane	1.17	1	6.31	1	1.29	1	1.25	1	1.58	1	ND	1
1,1-Dichloroethene	ND	1	2.77	1	ND	1	ND	1	ND	1	ND	1
1,2,4-Trichlorobenzene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2,4-Trimethylbenzene	1.57	1	1.18	1	1.28	1	1.13	1	3.05	1	1.57	1
1,2-Dibromoethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2-Dichlorobenzene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,2-Dichloroethane	ND	1	3.48	1	ND	1	ND	1	ND	1	ND	1
1,2-Dichlorotetrafluoroethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,3-Butadiene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,3-Dichlorobenzene	3.72	1	ND	1	1.26	1	1.02	1	ND	1	ND	1
1,4-Dichlorobenzene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,4-Dioxane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
2-Hexanone	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
4-Ethyltoluene	ND	1	ND	1	1.18	1	ND	1	1.28	1	ND	1
4-Isopropyltoluene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
4-Methyl-2-pentanone	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Acetone	60.5	1	5.72	1	42.7	1	7.6	1	11.9	1	8.76	1
Acrylonitrile	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Benzene	1.88	1	1.02	1	2.39	1	ND	1	1.34	1	1.5	1
Benzyl Chloride	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Bromodichloromethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Bromoform	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Bromomethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Carbon Disulfide	1.93	1	ND	1	7.12	1	3.30	1	9.46	1	13	1
Carbon Tetrachloride	3.33	0.25	5.97	0.25	1.38	0.25	1.32	0.25	0.82	0.25	0.5	0.25
Chlorobenzene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Chloroethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Chloroform	35.50	1	30.6	1	9.9	1	26.6	1	16.2	1	2.54	1
Chloromethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
cis-1,2-Dichloroethene	86.80	1	2,190	1	228	1	12.8	1	53.5	1	ND	1
cis-1,3-Dichloropropene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Cyclohexane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Dibromochloromethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Dichlorodifluoromethane	3.26	1	2.77	1	3.11	1	2.96	1	4.55	1	3.46	1
Ethanol	22	1	7.91	1	12.4	1	7.91	1	6.27	1	19	1
Ethyl Acetate	1.8	1	ND	1	1.51	1	ND	1	ND	1	ND	1
Ethylbenzene	1.95	1	ND	1	1.87	1	1.52	1	5.12	1	3.43	1
Heptane	1.06	1	ND	1	1.84	1	ND	1	1.47	1	1.23	1
Hexachlorobutadiene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Hexane	2.29	1	1.23	1	2.32	1	ND	1	1.44	1	1.27	1
Isopropylalcohol	14.9	1	1.77	1	3.32	1	5.48	1	ND	1	2.46	1
Isopropylbenzene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Xylene (m&p)	7.16	1	2.86	1	6.73	1	5.9	1	19.8	1	13.1	1
Methyl Ethyl Ketone	2.83	1	ND	1	2.56	1	ND	1	1.12	1	ND	1
MTBE	ND	1	ND	1	ND	1	1.08	1	ND	1	ND	1
Methylene Chloride	1.6	1	3.16	1	2.26	1	1.7	1	ND	1	ND	1
n-Butylbenzene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Xylene (o)	1.82	1	ND	1	1.69	1	1.48	1	5.08	1	3.25	1
Propylene	1.96	1	9.72	1	5.45	1	3.16	1	ND	1	1.17	1
sec-Butylbenzene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Styrene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Tetrachloroethene	214	0.25	87.4	0.25	29.3	0.25	10.2	0.25	29.1	0.25	16.7	0.25
Tetrahydrofuran	1.47	1	ND	1	1.06	1	ND	1	ND	1	ND	1
Toluene	7.98	1	4.33	1	10.1	1	5.12	1	14.0	1	11.6	1
trans-1,2-Dichloroethene	1.74	1	108	1	34.7	1	1.9	1	4.4	1	ND	1
trans-1,3-Dichloropropene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Trichloroethene	468	0.25	3,620	0.25	585	0.25	187	0.25	768	0.25	312	0.25
Trichlorofluoromethane	1.4	1	2.24	1	1.63	1	1.74	1	1.57	1	1.57	1
Trichlorotrifluoroethane	ND	1	ND	1	ND	1	1.07	1	ND	1	ND	1
Vinyl Chloride	ND	0.25	0.49	0.25	ND	0.25	ND	0.25	ND	0.25	ND	0.25
Total PVOCS	18.97		8.21		21.09		12.54		40.26		21.28	
Total CVOCS	682		3,707		614		197		797		328	
Total VOCs	897.64		6,135.31		965.67		299.84		967.35		421.15	

Notes:

2 - Numbers in Grey refer to Reporting Limit (RL)

TABLE 13
FORMER SCIENTIFIC FIRE PREVENTION SITE
Brooklyn, NY
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	B7			B8		B9	B10	B11		B12	
			(1-3')	(12-14')	(38-40')	(12-14')	(38-40')	(12-14')	(12-14')	(12-14')	(38-40')	(12-14')	(38-40')
Sample Results in µg/kg													
1,2-Dichlorobenzene	44,000	1	44,000	6500									
1,2-Dichloroethane	120	1	120	580									
1,3-Dichlorobenzene	64,000	1	64,000	6500									
1,4-Dichloropropane	44,000	1	44,000	6500									
cis-1,2-Dichloroethane	38,000	1	38,000	6100									
m&p-Xylenes	300	1	300	580									
Methylene chloride	210	1	210	580									
Tetrachloroethene	36,000	1	36,000	6100									
Toluene	790	1	790	580									
Trichloroethene	350,000	1	350,000	27000									
Sample Results in µg/kg													
Benzo(a)anthracene	1,800	1	1,800	2800									
Benzo(a)pyrene	2,200	1	2,200	2800									
Benzo(b)fluoranthene	4,100	1	4,100	2800									
Benzo(k)fluoranthene	1,600	1	1,600	2800									
Chrysene	2,700	1	2,700	2800									
Sample Results in µg/kg													
4,4-DDD	160	1						160	13				
4,4-DDE	34	1						34	2.6				
4,4-DDT	140	1						140	13				
Chlordane	760	1						760	110				
Dieldrin	55	1						55	1.8				

TABLE 14
FORMER SCIENTIFIC FIRE PREVENTION SITE
Brooklyn, NY
Parameters Detected Above Ambient Water Quality Standards

VOCs / SVOCs/Pesticides

COMPOUND	Range in Detections	MW3	MW4	MW5	MW6
<i>Sample Results in (µg/L)</i>					
Tetrachloroethene	6.7-24	24 1	8 1	15 1	6.7 1
Trichloroethene	5.3-9.4		5.3 1	9.4 1	6.1 1
Benzo(a)anthracene	0.063				0.063 0.1
Dieldrin	0.005-0.033	0.005 0.002		0.033 0.002	0.006 0.002

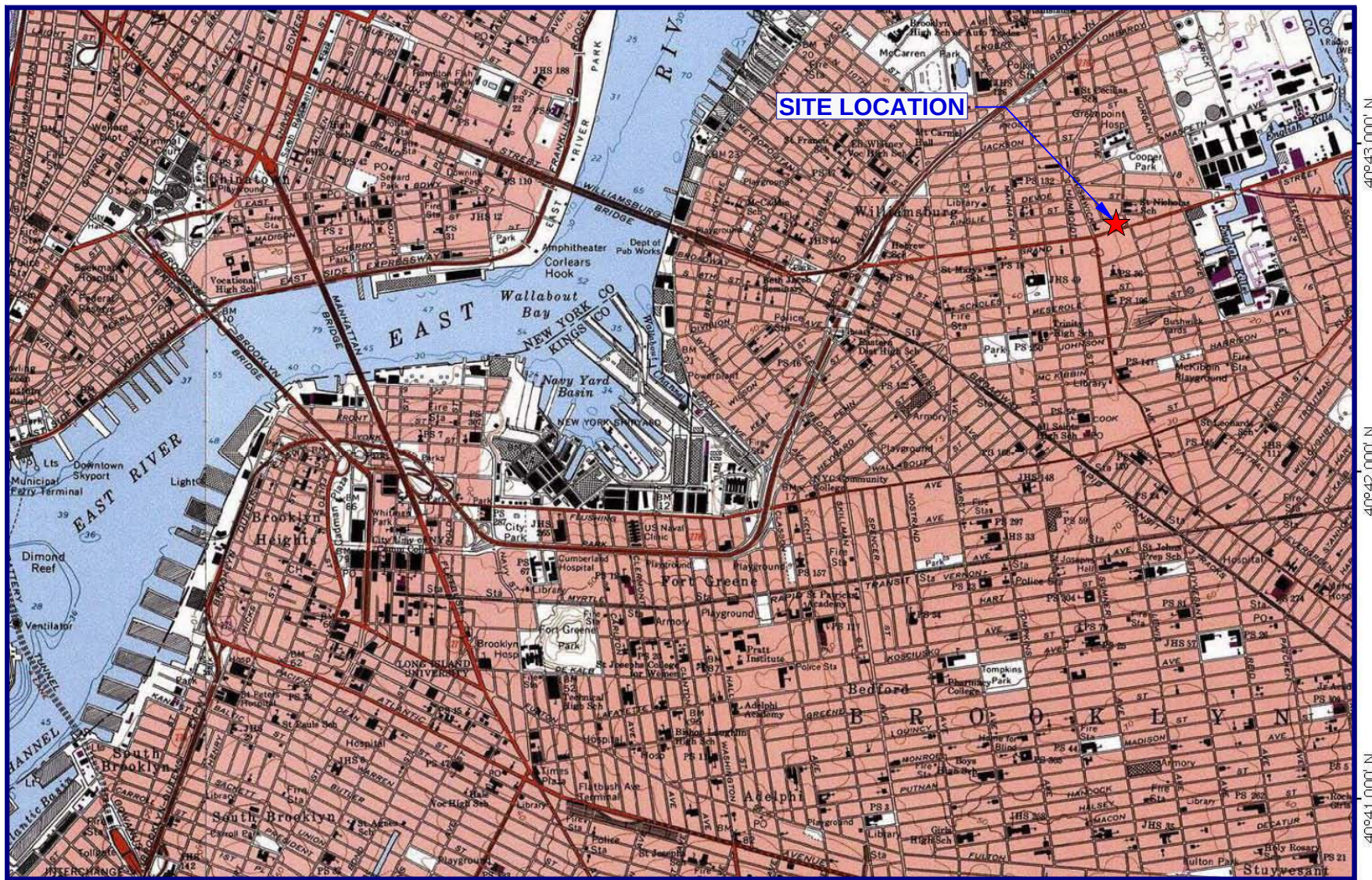
Metals (dissolved)

COMPOUND	Range in Detections	MW3	MW4	MW5	MW6
<i>Sample Results in (µg/L)</i>					
Iron	1,550				1,550 10
Magnesium	40,000	40,000 10			
Manganese	1,000-3,100	2,000 5	1,000 5	1,380 5	3,100 53
Sodium	13,800-148,000	148,000 1100	113,000 1100	20,200 110	13,800 1100

Metals (total)

COMPOUND	Range in Detections	MW3	MW4	MW5	MW6
<i>Sample Results in (µg/L)</i>					
Arsenic	54-160		160 4	54 4	
Barium	1,100-4,580		4,580 10	2,280 10	1,100 10
Beryllium	4-43	4 1	43 10	19 1	4 1
Cadmium	29		29 4		
Chromium	165-2,160	165 1	2,160 10	476 1	203 1
Copper	294-1,700		1,700 5	660 5	294 5
Iron	112,000-1,590,000	124,000 10	1,590,000 1000	428,000 100	112,000 10
Mercury	1.9-3.7	3.7 0.2	1.9 0.2		
Magnesium	29,400-239,000	53,000 10	239,000 100	53,500 10	29,400 10
Manganese	9,050-55,000	9,050 50	55,000 500	15,100 50	21,900 500
Sodium	16,500-159,000	159,000 1000	118,000 1000	21,500 100	16,500 100
Nickel	148-1,130	148 4	1,130 4	466 4	222 4
Lead	58-765	58 2	765 20	134 2	96 2
Antimony	52-281		281 30	52 30	

FIGURES



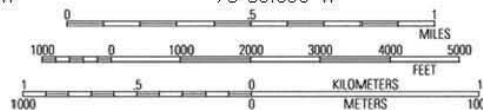
74°00.000' W

73°59.000' W

73°58.000' W

73°57.000' W

WGS84 73°56.000' W



USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

MINI TN
13°
10/30/11

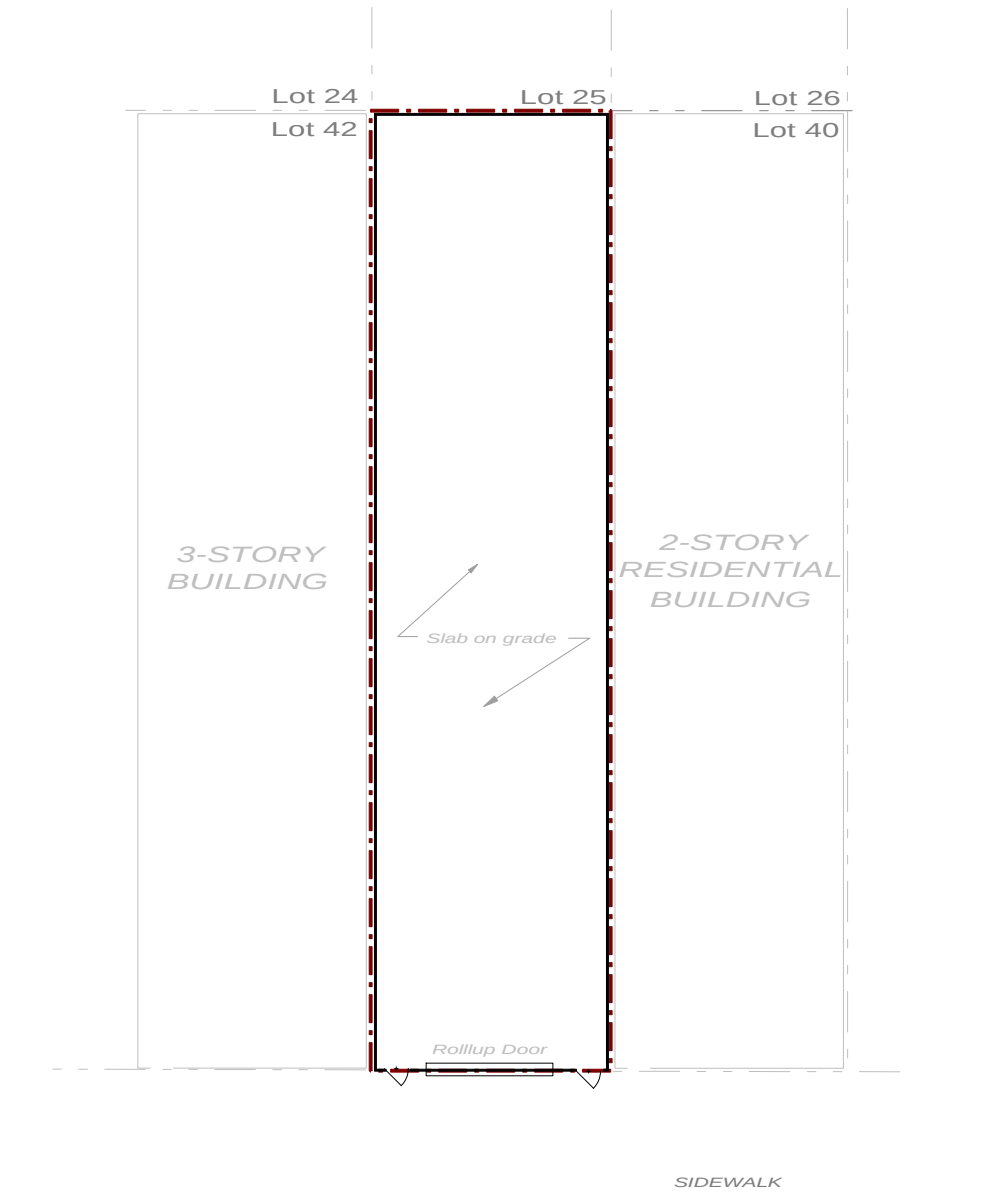
IBC

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

Phone 631.504.6000
Fax 631.924.2780

**871 GRAND STREET
BROOKLYN, NY**

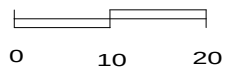
FIGURE 1 SITE LOCATION MAP



GRAND STREET

KEY

--- Property Line



Scale: 1 inch = 20 feet

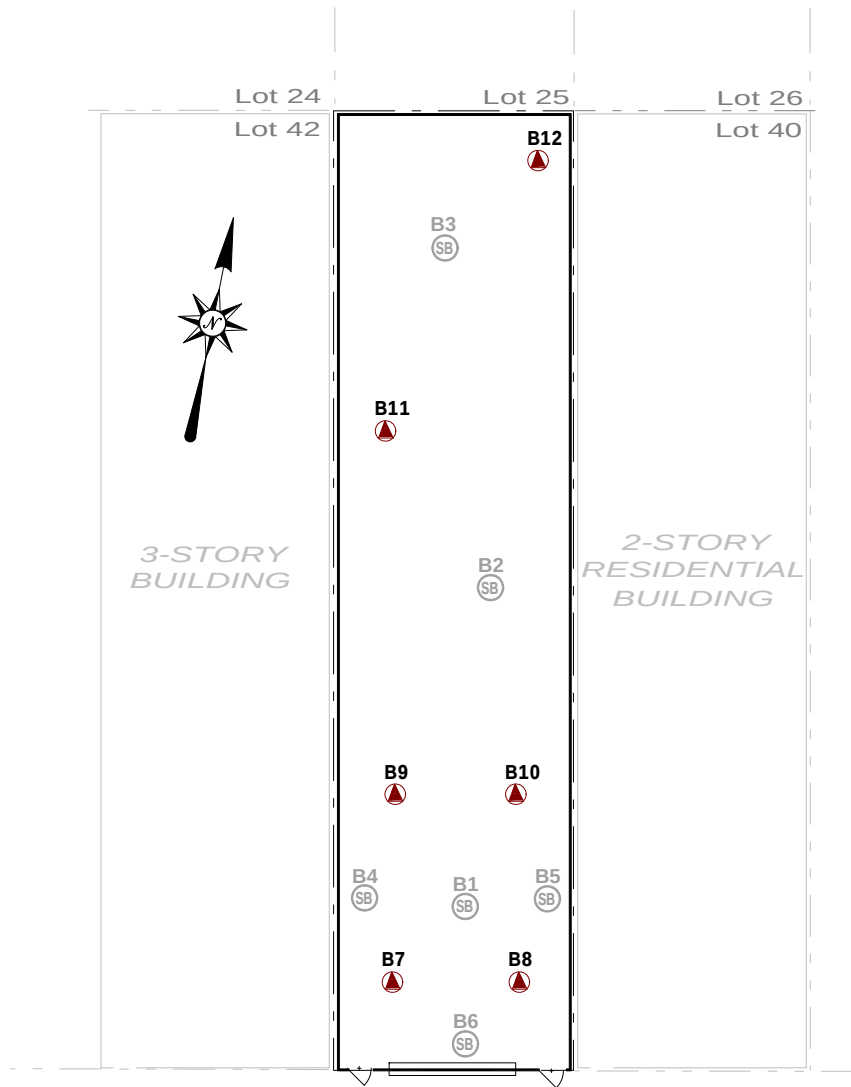


ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

871 GRAND STREET
BROOKLYN, NY 11211

FIGURE 2 SITE PLAN



SIDEWALK

GRAND STREET

0 10 20
Scale: 1 inch = 20 feet

KEY	
	Property Line
Bx (SB)	Phase II Soil Boring Location
Bx (triangle)	Soil Boring Location



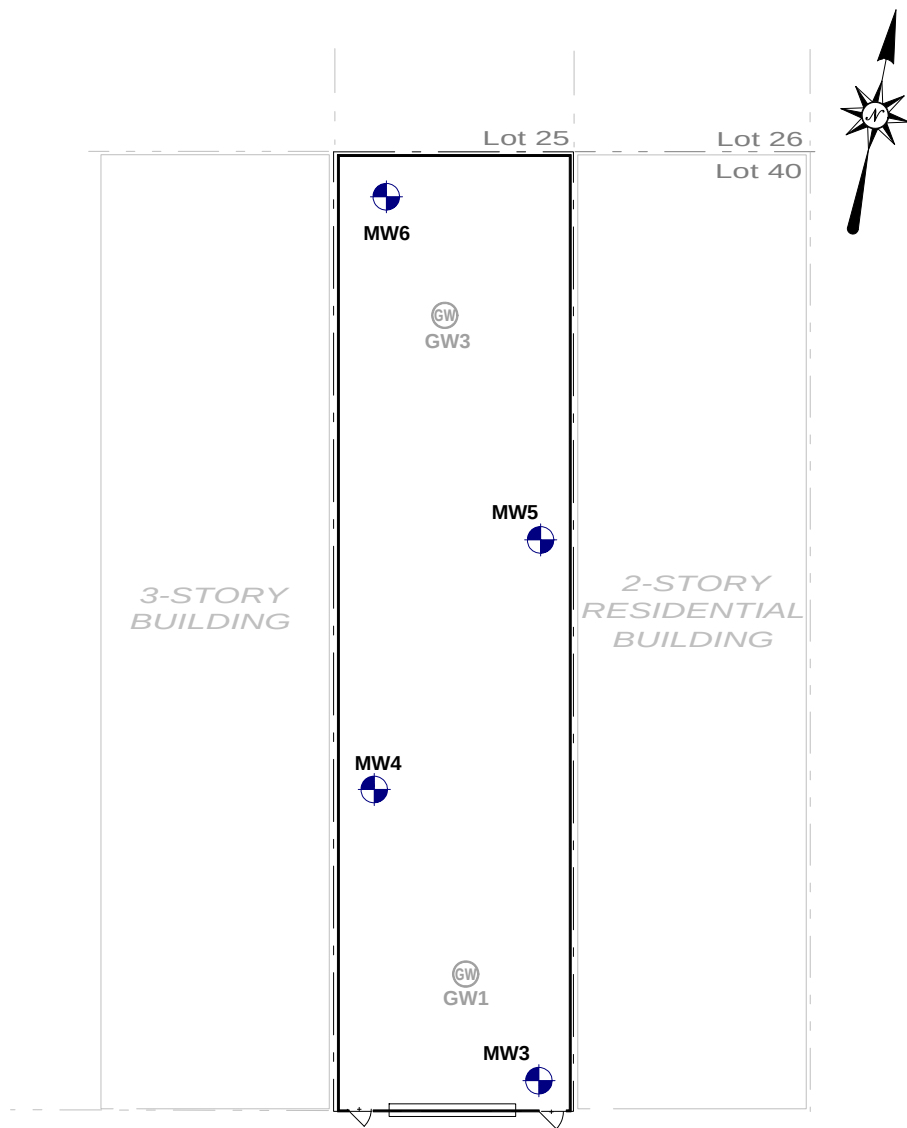
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

871 GRAND STREET
BROOKLYN, NY

FIGURE 3

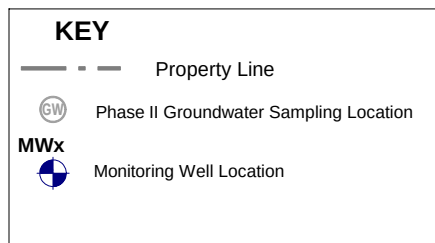
SOIL BORING LOCATIONS

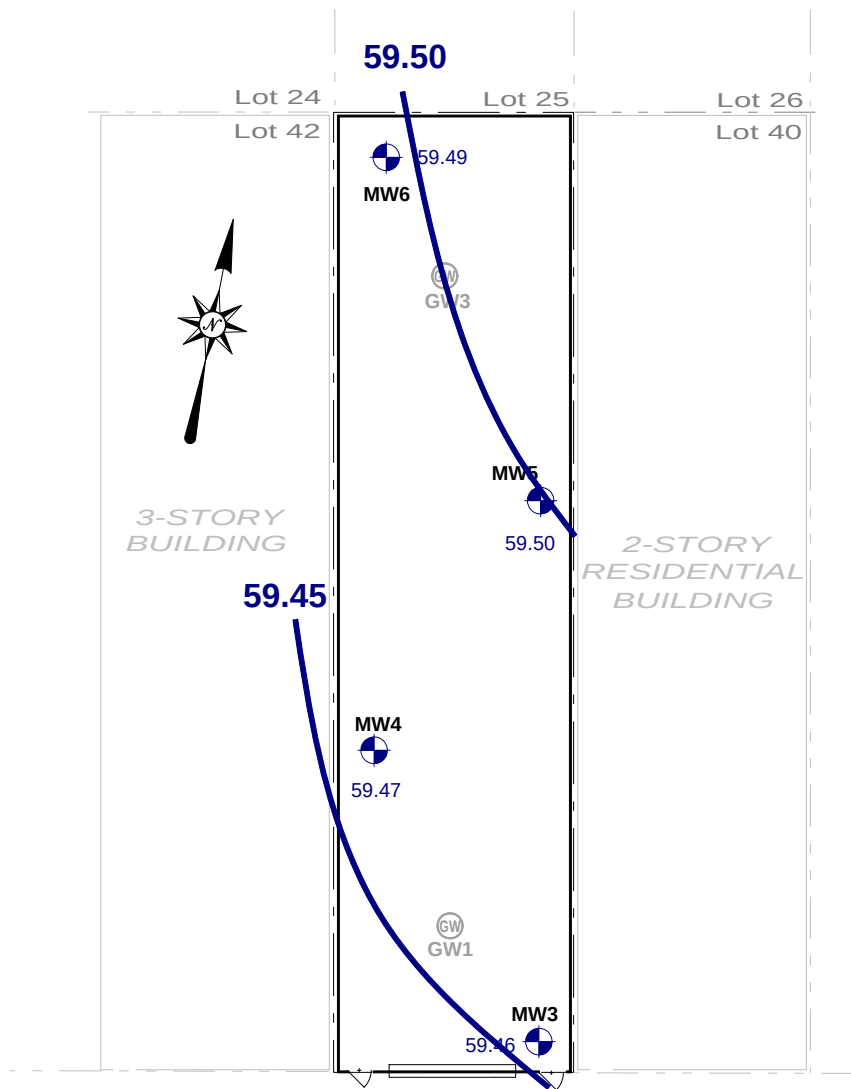


SIDEWALK

GRAND STREET

0 10 20
Scale: 1 inch = 20 feet





SIDEWALK

GRAND STREET

0 10 20
Scale: 1 inch = 20 feet

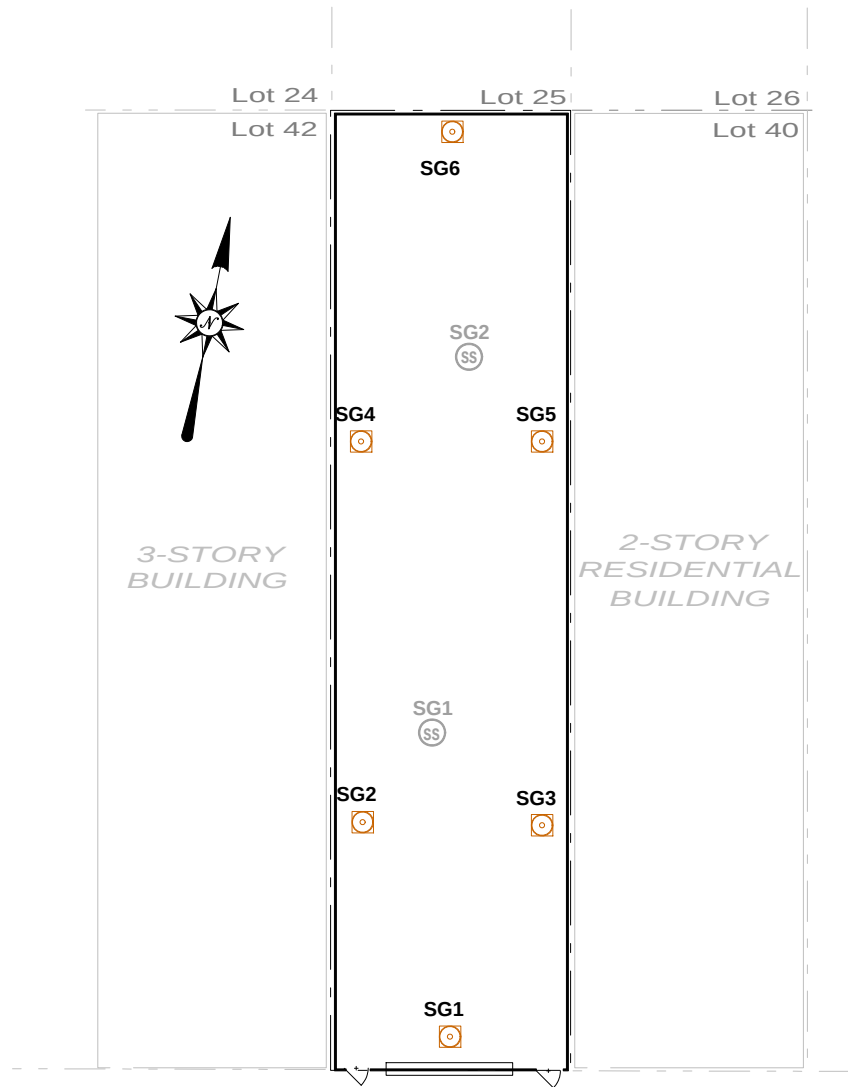
KEY	
	Property Line
	Phase II Groundwater Sampling Location
	Monitoring Well Location

EB
C
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

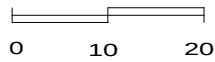
871 GRAND STREET
BROOKLYN, NY

FIGURE 5 GROUNDWATER ELEVATION MAP



SIDEWALK

GRAND STREET



Scale: 1 inch = 20 feet

KEY

- Property Line
- SS Sub-Slab Soil Gas Sample Location
- SGx Proposed Soil Gas Location



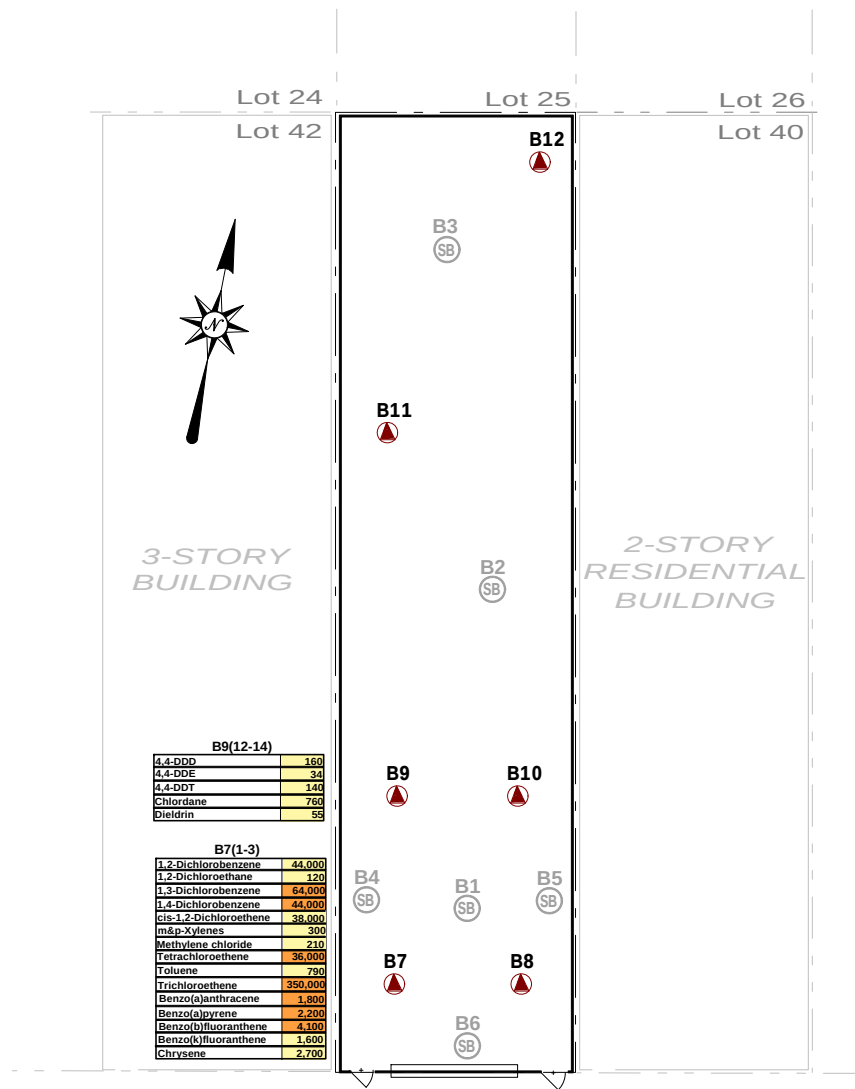
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

871 GRAND STREET
BROOKLYN, NY

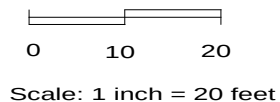
FIGURE 6

PROPOSED SOIL GAS
LOCATIONS



SIDEWALK

GRAND STREET



KEY

--- Property Line

Bx (SB) Phase II Soil Boring Location

Bx (▲) Soil Boring Location

VOCs/SVOCs/Pesticides	ppb

Exceedence of Restricted Residential SCO

Exceedence of Unrestricted Use SCO



ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

871 GRAND STREET
BROOKLYN, NY

FIGURE 7 POSTED SOIL RESULTS ABOVE
SOIL CLEANUP OBJECTIVES

VOCs (ug/L)	
Tetrachloroethene	6.7
Trichloroethene	6.1
SVOCs (ug/L)	
Benzo(a)anthracene	0.063
Pesticides (ug/L)	
Dieldrin	0.006
Dissolved Metals (ug/L)	
Iron	1,550
Manganese	3,100
Sodium	13,800

3-STORY
BUILDING

VOCs (ug/L)	
Tetrachloroethene	8
Trichloroethene	5.3
Dissolved Metals (ug/L)	
Manganese	1,000
Sodium	113,000

MW6

GW
GW3

MW5

MW4

GW
GW1

MW3

Lot 25 Lot 26
Lot 40

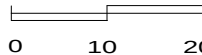


VOCs (ug/L)	
Tetrachloroethene	15
Trichloroethene	9.4
Pesticides (ug/L)	
Dieldrin	0.033
Dissolved Metals (ug/L)	
Manganese	1,380
Sodium	20,200

VOCs (ug/L)	
Tetrachloroethene	24
Pesticides (ug/L)	
Dieldrin	0.005
Dissolved Metals (ug/L)	
Magnesium	40,000
Manganese	2,000
Sodium	148,000

SIDEWALK

GRAND STREET



Scale: 1 inch = 20 feet

KEY

- Property Line
- GW Phase II Groundwater Sampling Location
- MWx Monitoring Well Location



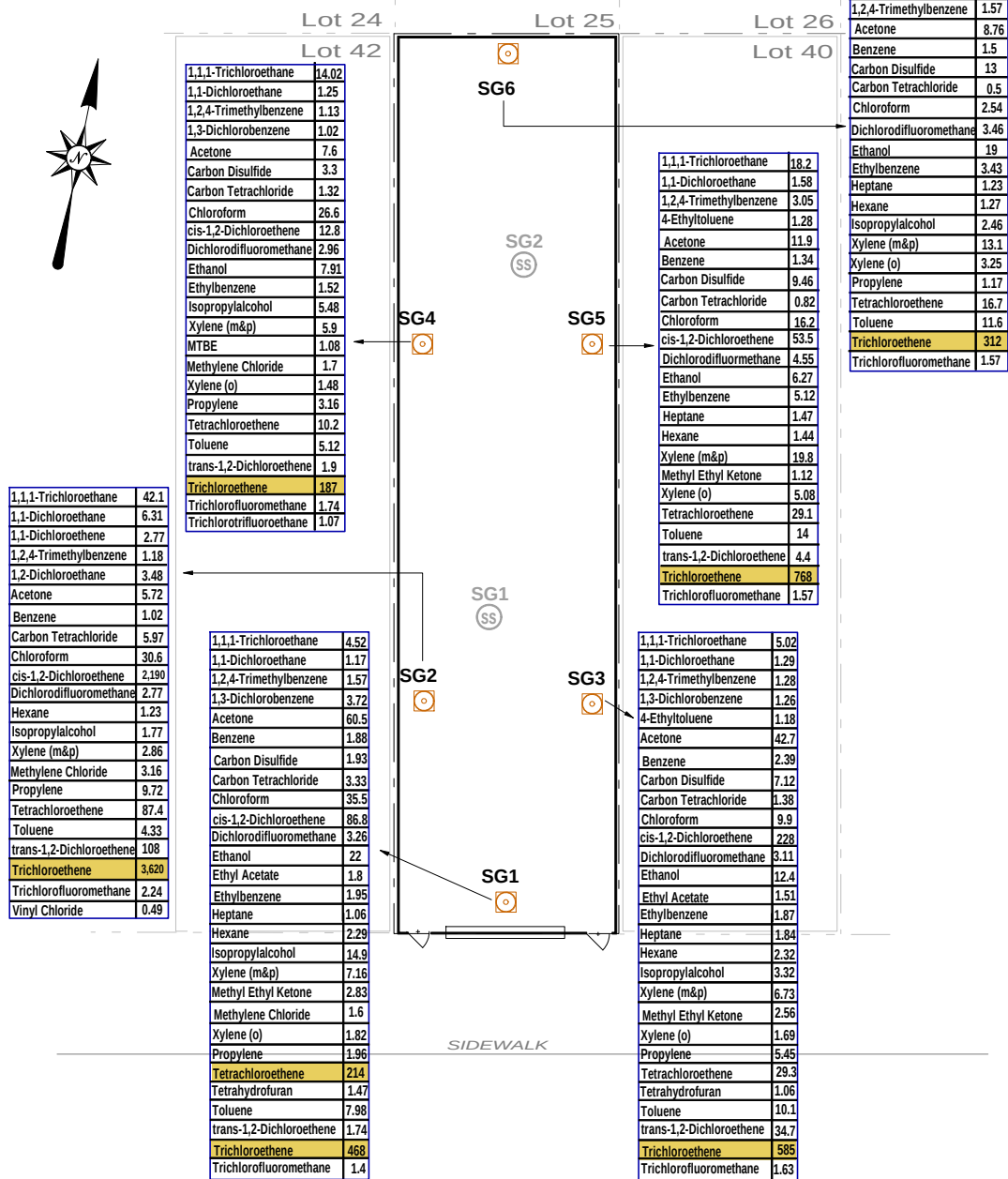
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

871 GRAND STREET
BROOKLYN, NY

FIGURE 8

POSTED GROUNDWATER RESULTS
ABOVE AWQS



KEY

- Property Line
- SS Sub-Slab Soil Gas Sample Location
- SGx Soil Gas Location



ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

871 GRAND STREET
BROOKLYN, NY

FIGURE 9

SOIL GAS DETECTIONS

APPENDIX – A
Soil Boring Logs

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B7 Boring Log

Location: 10' from southern property line, 6' from western property line.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: TAG1110	Address:		Date	DTW	Ground Elevation
	871 Grand Street, Brooklyn, NY				
			Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.		Method: Geoprobe 6610		~35	
Date Started: 2/6/2013		Date Completed: 2/6/2013		Well Specifications	
Completion Depth: 40 feet		Field Technician Kristen DiScenza		None	

B7 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				8" - Concrete
	to	25		105	8" - Black stained sands. Slight odor.
	5				9" - Brown medium/coarse grained sandy silt
					<i>*Retained Soil Sample B7(1-3)</i>
	15			0.0	15" - Brown fine/medium grained sands
	to	15			
	10				28" - Brown fine/medium grained silty sands
	to	28		0.0	
	15				<i>*Retained Sample B7(12-14)</i>
	to	23		0.0	23" - Brown fine/medium grained silty sands
	20				19" - Brown fine/medium grained sandy clay. Slight plasticity.
	to	19		0.0	
	25				16" - Reddish Brown medium/coarse grained silty sands
	to	16		0.0	
	30				

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B7 Boring Log

Location: 10' from southern property line, 6' from eastern property line.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: TAG1110		Address:		Date	DTW
		871 Grand Street, Brooklyn, NY		Ground Elevation	
Drilling Company: Eastern Environmental Solutions, Inc.		Method: Geoprobe 6610		Groundwater depth	
Date Started: 2/6/2013		Date Completed: 2/6/2013		~35	
Completion Depth: 40 feet		Field Technician: Kristen DiScenza		Well Specifications	
				None	

B7 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	30				12" - Reddish Brown medium/coarse grained silty sands
	to	12		0.0	
	35				10" - Reddish Brown medium/coarse grained silty sands
	to	10		0.0	Saturated.
	40				*Retained Sample B7(38-40)

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B8 Boring Log

Location: 10' from southern property line, 6' from eastern property line.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: TAG1110	Address:		Date	DTW	Ground Elevation
	871 Grand Street, Brooklyn, NY				
			Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.		Method: Geoprobe 6610		~35	Well Specifications
Date Started: 2/6/2013		Date Completed: 2/6/2013			None
Completion Depth: 40 feet		Field Technician Kristen DiScenza			

B8 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	12		0.0	12" - Fill material, concrete, brick
	5				
	to	15		0.0	3" - Fill material, concrete, brick 12" - Brown fine/medium, grained silty sand
	10				
	to	28		0.0	28" - Brown fine/medium grained silty sand *Retained Sample B8(12-14)
	15				
	to	13		0.0	13" - Brown fine/medium grained sands
	20				
	to	15		0.0	15" - Brown fine/medium grained sands
	25				
	to	24		0.0	24" - Brown fine/medium grained sands
	30				

B8 Boring Log

Location: 10' from southern property line, 6' from eastern property line.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: TAG1110	Address: 871 Grand Street, Brooklyn, NY	Date	DTW	Ground Elevation	
		Groundwater depth			
Drilling Company: Eastern Environmental Solutions, Inc.		Method: Geoprobe 6610		Well Specifications None	
Date Started: 2/6/2013		Date Completed: 2/6/2013			
Completion Depth: 40 feet		Field Technician Kristen DiScenza			

B8 (NTS)		DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
			Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	30	13		0.0	13" - Brown fine/medium grained sands	
	to					
	35					
	to	20		0.0	20" - Brown fine/medium grained sands. Saturated. <i>*Retained Sample B8(38-40)</i>	
	40					

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B9 Boring Log

Location: 30' from southern property line, 6' from western property line.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: TAG1110	Address:		Date	DTW	Ground Elevation
	871 Grand Street, Brooklyn, NY				
			Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.		Method: Geoprobe 6610		~35	Well Specifications
Date Started: 2/6/2013		Date Completed: 2/6/2013			None
Completion Depth: 20 feet		Field Technician Kristen DiScenza			

B9 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	12		0.0	12" - Fill material, concrete, brick
	5				
	to	17		0.0	7" - Fill material , concrete brick 10" - Brown fine/medium grained sands and silt
	10				
	to	33		0.0	9" - Brown fine/medium grained sands 15" - Brown fine/medium graind silty sands 6" - Brown clayer sands 3" - Brown fine/medium grained silty sands <i>*Retained Sample B9(12-14)</i>
	15				
	to	26		0.0	26" - Brown clayer sands Refusal encountered at 20ft
	20				

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B10 Boring Log

Location: 30' from southern property line, 6' from eastern property line.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: TAG1110		Address: 871 Grand Street, Brooklyn, NY		Date	DTW
Drilling Company: Eastern Environmental Solutions, Inc.		Method: Geoprobe 6610		Groundwater depth	
Date Started: 2/6/2013		Date Completed: 2/6/2013		~35	
Completion Depth: 20 feet		Field Technician: Kristen DiScenza		Well Specifications	
				None	

B10 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	22		0.0	12" - Fill material, concrete, brick 10" - Brown fine/medium grained sands; trace silt
	5				
	to	31		0.0	31" - Brown fine/medium grained sands; trace silt
	10				
	to	15		0.0	15" - Brown fine/medium grained sands; trace silt Refusal Encountered at 15ft <i>*Retained Sample B10(12-14)</i>
	15				

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B11 Boring Log

Location: 35' from northern property line, 6' from western property line.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: TAG1110	Address:		Date	DTW
	871 Grand Street, Brooklyn, NY			
			Groundwater depth	
Drilling Company: Eastern Environmental Solutions, Inc.		Method: Geoprobe 6610		Well Specifications
Date Started: 2/6/2013		Date Completed: 2/6/2013		
Completion Depth: 40 feet		Field Technician Kristen DiScenza		
		~35		None

B11 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	-		-	No Recovery
	5				
	to	33		0.0	33" - Brown fine/medium grained sands; trace silts.
	10				
	to	25		0.0	9" - Brown clayey sands 15" - Brown fine/medium grained sands; trace silts <i>*Retained Sample B11(12-14) and Duplicate Sample</i>
	15				
	to	15		0.0	15" - Brown medium/coarse grained sands
	20				
	to	19		0.0	19" - Brown medium/coarse grained sands
	25				
	to	22		0.0	22" - Brown medium/coarse grained sands
	30				

**ENVIRONMENTAL BUSINESS CONSULTANTS**

B11 Boring Log

Location: 35' from northern property line, 6' from western property line.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: TAG1110		Address:		Date	DTW
		871 Grand Street, Brooklyn, NY			
Drilling Company:		Method:		Groundwater depth	
Eastern Environmental Solutions, Inc.		Geoprobe 6610		~35	
Date Started:		Date Completed:		Well Specifications	
2/6/2013		2/6/2013		None	
Completion Depth:		Field Technician			
40 feet		Kristen DiScenza			

B11 (NTS)		DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
			Recovery (in.)	Blow per 6 in.	PID (ppm)	
		30	13		0.0	13" - Brown medium/coarse grained sands
		to				
		35	20		0.0	20" - Brown medium/coarse grained sands. Saturated.
		to				
		40				*Retained Sample B11(38-40)

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B12 Boring Log

Location: 10' from northern property line, 10' from eastern property line.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: TAG1110	Address:		Date	DTW	Ground Elevation
	871 Grand Street, Brooklyn, NY		Groundwater depth		Well Specifications
	Drilling Company: Eastern Environmental Solutions, Inc.		Method: Geoprobe 6610		
Date Started: 2/6/2013		Date Completed: 2/6/2013		~35	None
Completion Depth: 40 feet		Field Technician Kristen DiScenza			

B12 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				1" - Concrete.
	to	10		0.0	6" - Fill material with brick in sandy matrix
	5				3" - Brown medium grained sands
	to	32		0.0	32" - Brown fine/medium grained sands
	10				19" - Brown medium/fine grained sands
	to	19		0.0	*Retained Sample B12(12-14)
	15				9" - Brown coarse grained sands
	to	29		0.0	20" - Brown sandy clay. Slight plasticity.
	20				15" - Dark brown sandy clay
	to	15		0.0	
	25				3" - Brown fine/medium grained sands with gravel
	to	29		0.0	26" - Brown fine/medium grained sands
	30				

B12 Boring Log

Location: 10' from northern property line, 10' from eastern property line.		Depth to Water (ft. from grade.)		Site Elevation Datum	
Site Name: TAG1110		Address:		Date	DTW
		871 Grand Street, Brooklyn, NY			
Drilling Company:		Method:		Groundwater depth	
Eastern Environmental Solutions, Inc.		Geoprobe 6610		~35	
Date Started:		Date Completed:		Well Specifications	
2/6/2013		2/6/2013		None	
Completion Depth:		Field Technician			
40 feet		Kristen DiScenza			

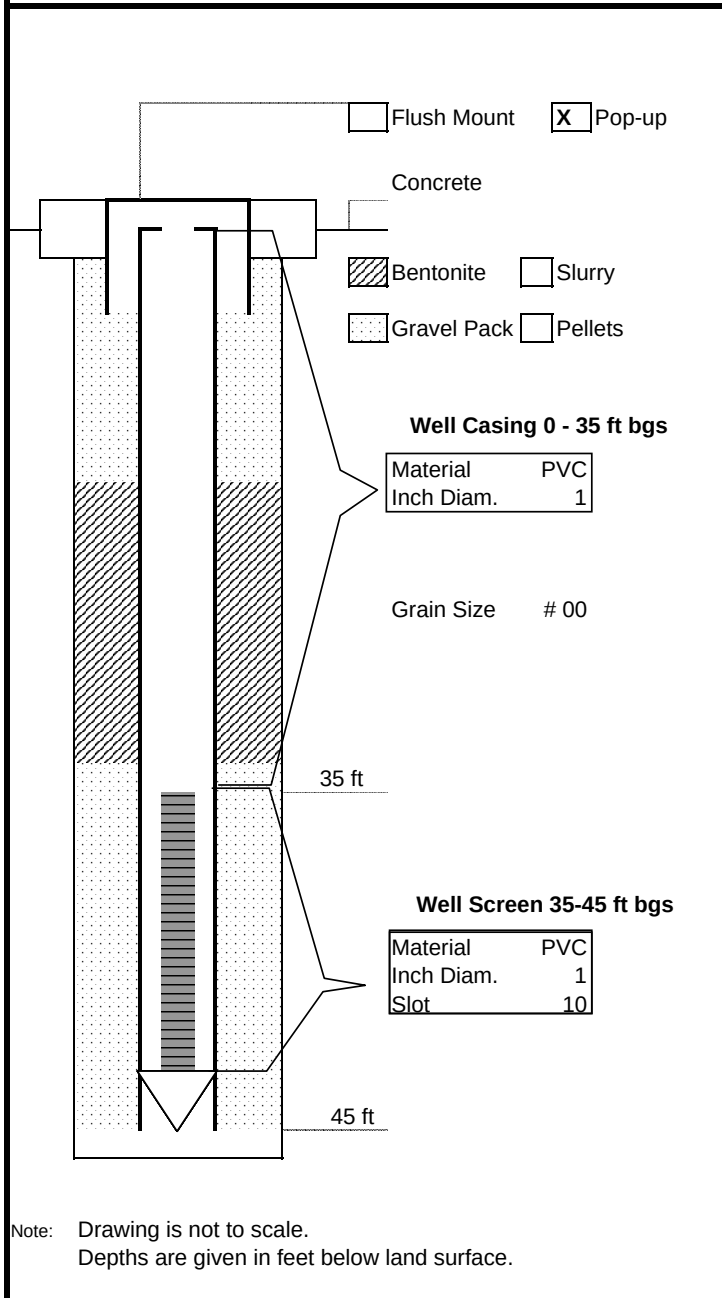
[illegible]

APPENDIX - B
Well Construction Logs

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-3

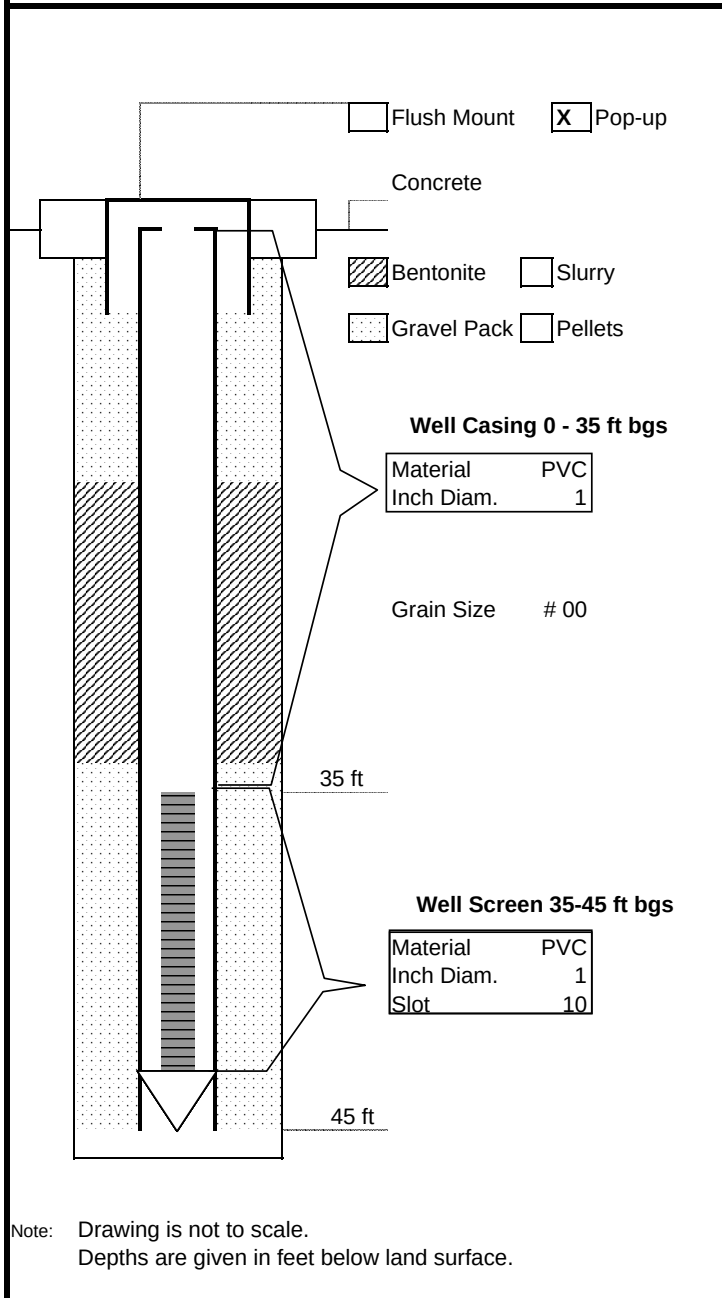


Monitoring Well No.: MW-3
 Project: 871 Grand Street, Brooklyn NY
 Depth to Groundwater: 34.99 Date: 4/12/2013
 Installation Depth: 45 ft bgs
 Survey Point Elevation: 5.55
 Installation Date: 2/4/2013
 Drilling Contractor: Eastern Environmental Solutions, Inc.
 Installation Method: Hollow Geoprobe Rods
 Water Removed During Development:
 Hydrogeologist: Kristen DiScenza
 Company Name: EBC

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-4



Monitoring Well No.: MW-4

Project: 871 Grand Street, Brooklyn NY

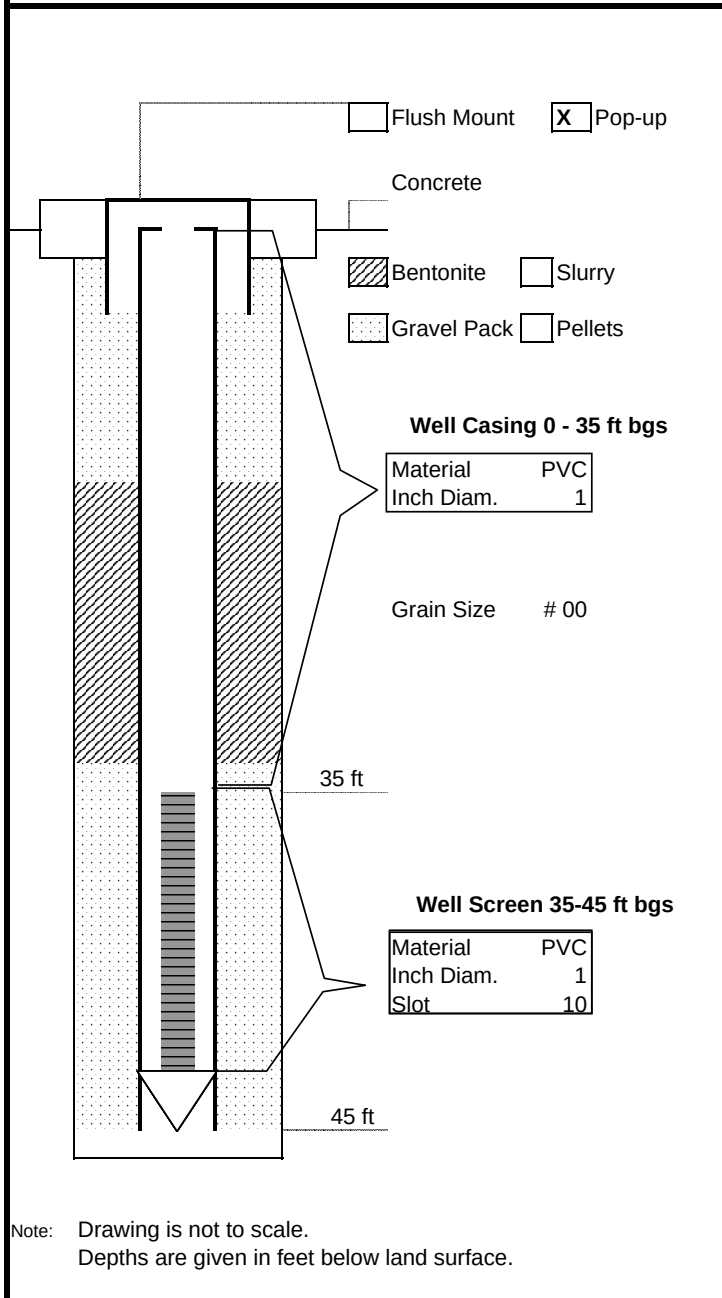
Depth to Groundwater: 35.21 Date: 4/12/2013

Installation Depth: 45 ft bgs
Survey Point Elevation: 5.30
Installation Date: 2/4/2013
Drilling Contractor: Eastern Environmental Solutions, Inc.
Installation Method: Hollow Geoprobe Rods
Water Removed During Development:
Hydrogeologist: Kristen DiScenza
Company Name: EBC

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-5



Monitoring Well No.: MW-5

Project: 871 Grand Street, Brooklyn NY

Depth to Groundwater: 35.18 Date: 4/12/2013

Installation Depth: 45 ft bgs

Survey Point Elevation: 5.32

Installation Date: 2/4/2013

Drilling Contractor: Eastern Environmental Solutions, Inc.

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

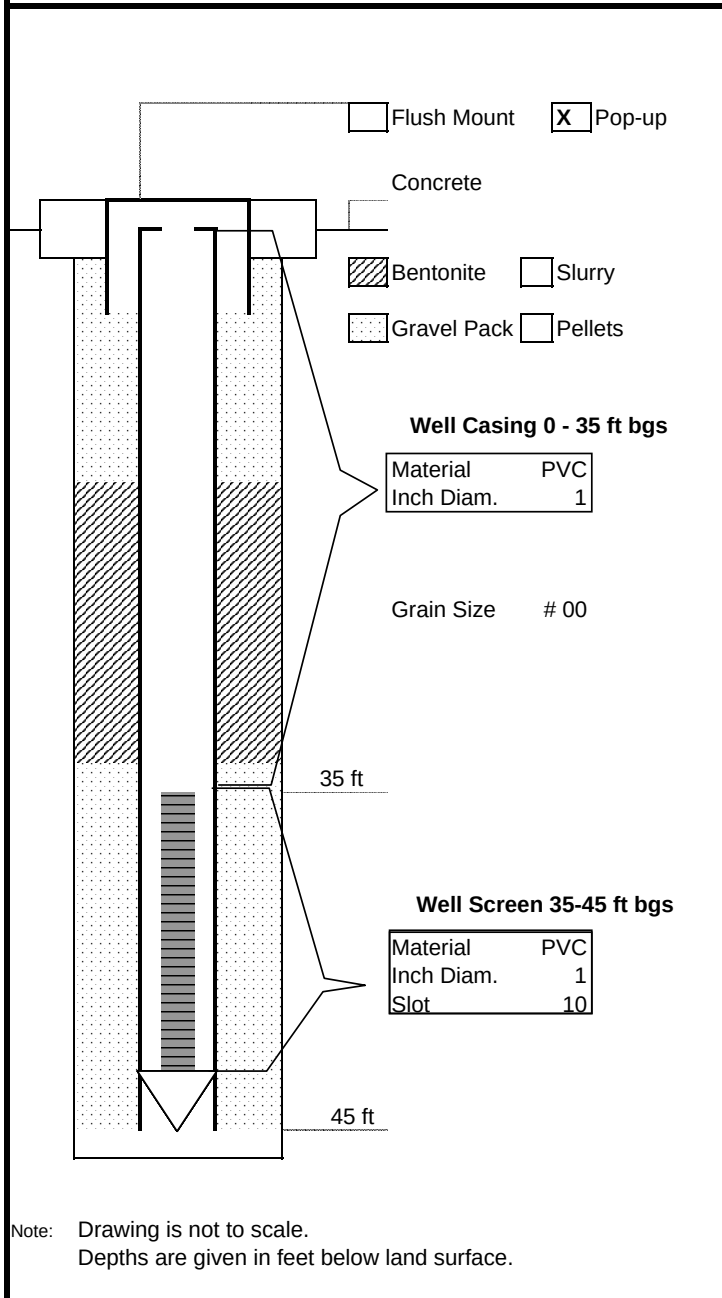
Hydrogeologist: Kristen DiScenza

Company Name: EBC

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-6



Monitoring Well No.: MW-6

Project: 871 Grand Street, Brooklyn NY

Depth to Groundwater: 35.27 Date: 4/12/2013

Installation Depth: 45 ft bgs

Survey Point Elevation: 5.24

Installation Date: 2/4/2013

Drilling Contractor: Eastern Environmental Solutions, Inc.

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Kristen DiScenza

Company Name: EBC

APPENDIX - C
Well Purge Sheets

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW3

Date: 2/28/2013

Well Depth (from TOC): 45

Equipment: Check Valve

Static Water Level (from TOC): 35.05

Field Personnel: Sara Babyatsky

Height of Water in Well: 9.95

Gallons of Water per Well Volume: 0.398

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	DO (mg/L)	Comments
0.00	9:58	400ml/min	0	7.44	1543	59.2		turbid
4.00	10:02	400ml/min	0.44	7.17	1531	54.6		turbid
7.00	10:05	400ml/min	0.77	6.94	1528	56.2		turbid
9.00	10:07	400ml/min	0.99	6.82	1537	57		turbid
11.00	10:09	400ml/min	1.21	6.83	1522	56.6		turbid
13.00	10:12	400ml/min	1.43	6.78	1533	58.4		turbid
14.00	10:13	400ml/min	1.54	6.71	1537	58.9		turbid

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW4

Date: 2/28/2013

Well Depth (from TOC): 45

Equipment: Check Valve

Static Water Level (from TOC): 35.07

Field Personnel: Sara Babyatsky

Height of Water in Well: 9.93

Gallons of Water per Well Volume: 0.3972

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	DO (mg/L)	Comments
0.00	14:15	400ml/min	0	6.8	545	54.6		turbid
4.00	14:19	400ml/min	0.44	6.8	520	54.8		turbid
7.00	14:22	400ml/min	0.77	6.4	529	54.6		turbid
9.00	14:24	400ml/min	0.99	6.4	526	54.1		turbid
11.00	14:26	400ml/min	1.21	6.5	524	54.3		turbid

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW5

Date: 2/28/2013

Well Depth (from TOC): 45

Equipment: Check Valve

Static Water Level (from TOC): 35.24

Field Personnel: Sara Babyatsky

Height of Water in Well: 9.76

Gallons of Water per Well Volume: 0.3904

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	DO (mg/L)	Comments
0.00	11:49	400ml/min	0	6.99	510	57.6		turbid
3.00	11:52	400ml/min	0.33	6.92	510	56.8		turbid
5.00	11:55	400ml/min	0.55	6.96	508	57.1		turbid
7.00	11:57	400ml/min	0.77	6.94	504	57.3		turbid
9.00	11:59	400ml/min	0.99	6.96	508	56.9		turbid
10.00	12:00	400ml/min	1.1	6.94	506	56.9		turbid

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW6

Date: 2/28/2013

Well Depth (from TOC): 45

Equipment: Check Valve

Static Water Level (from TOC): 35.33

Field Personnel: Sara Babyatsky

Height of Water in Well: 9.67

Gallons of Water per Well Volume: 0.3868

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	DO (mg/L)	Comments
0.00	13:30	400ml/min	0	6.84	340	55.4		turbid
3.00	13:34	400ml/min	0.33	6.70	344	54.8		turbid
5.00	13:42	400ml/min	0.55	6.76	343	54.2		turbid
7.00	13:44	400ml/min	0.77	6.70	350	54.3		turbid
9.00	13:46	400ml/min	0.99	6.74	350	54.3		turbid
10.00	13:47	400ml/min	1.1	6.74	346	54.5		turbid

Note 400 ml = 0.11 gallons

APPENDIX - D
Soil vapor Sampling Log

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 1 of 1

Data Delivery:

☐ Fax #:

☒ Email: csosik@ebcincny.com

☐ Phone #:

Report to: EBC	Invoice to: EBC	Project Name: 871 Grand St.
Customer: EBC		Criteria Requested: Deliverable: RCP ☐
Address: 1808 Middle Country Rd. Ridge, NY	Sampled by: S. Babyatsky	MCP ☐
		State where samples collected: NY

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
THIS SECTION FOR LAB USE ONLY																	
41817	SG1	218	6.0	30	-4	5652	✓	1126	1320	2/28/13	-28	-6	X			X	
41818	SG2	12871			-2	5674	✓	1131	1335		-29	-4					
41819	SG3	13647			-0	5671	✓	1139	1339		-29	-4					
41820	SG4	223			-1	5655	✓	1141	1355		-28	-4					
41821	SG5	172			-0	5675	✓	1142	1351		-30	-4					
41822	SG6	13639	✓	✓	-0	5353	✓	1143	1353	✓	-30	-3					
	GL - 2HR																

Relinquished by:	Accepted by:	Date: 2-28-13	Time: 9:20	Data Format: Excel ☒ Equis ☐ GISKey ☐
		3/1/13		PDF ☒ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

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

Quote Number:

Signature:

Date: 2-28-13

APPENDIX - E
Laboratory Reports / Data Usability Summary
Reports
(Digital Files on CD)



Friday, March 15, 2013

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

Project ID: 871 GRAND ST.
Sample ID#s: BD41823 - BD41828

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.

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



Analysis Report

March 15, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G
Environmental Business Consulta
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: SB
Received by: LB
Analyzed by: see "By" below

Date

02/28/13
03/01/13

Time

0:00
16:37

Laboratory Data

SDG ID: GBD41823
Phoenix ID: BD41823

Project ID: 871 GRAND ST.
Client ID: MW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.005	0.005	0.0006	mg/L	03/04/13	LK	SW6010
Aluminum	80.0	0.10	0.024	mg/L	03/04/13	EK	SW6010
Arsenic - LDL	0.007	0.004	0.001	mg/L	03/04/13	LK	SW6010
Barium	0.918	0.010	0.0003	mg/L	03/04/13	LK	SW6010
Beryllium	0.004	0.001	0.001	mg/L	03/04/13	LK	SW6010
Calcium	102	0.010	0.003	mg/L	03/04/13	LK	SW6010
Cadmium	0.003	B* 0.004	0.0002	mg/L	03/04/13	LK	SW6010
Cobalt	0.077	0.005	0.0003	mg/L	03/04/13	LK	SW6010
Chromium	0.165	0.001	0.0009	mg/L	03/04/13	LK	SW6010
Copper	0.161	0.005	0.001	mg/L	03/04/13	LK	SW6010
Silver (Dissolved)	< 0.005	0.005	0.0008	mg/L	03/01/13	LK	SW6010
Aluminum (Dissolved)	0.33	0.01	0.005	mg/L	03/01/13	LK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	03/01/13	LK	SW6010
Barium (Dissolved)	0.106	0.011	0.001	mg/L	03/01/13	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	03/01/13	LK	SW6010
Calcium (Dissolved)	102	0.01	0.01	mg/L	03/01/13	LK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	03/01/13	LK	SW6010
Cobalt, (Dissolved)	0.002	B 0.005	0.0009	mg/L	03/01/13	LK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.0008	mg/L	03/01/13	LK	SW6010
Copper, (Dissolved)	< 0.005	0.005	0.0004	mg/L	03/01/13	LK	SW6010
Iron, (Dissolved)	0.31	0.01	0.01	mg/L	03/01/13	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	03/04/13	RS	SW7470
Potassium (Dissolved)	10.5	1.1	0.11	mg/L	03/01/13	EK	SW6010
Magnesium (Dissolved)	39.9	0.01	0.01	mg/L	03/01/13	EK	SW6010
Manganese, (Dissolved)	1.67	0.005	0.0005	mg/L	03/01/13	LK	SW6010
Sodium (Dissolved)	148	1.1	0.11	mg/L	03/01/13	EK	SW6010
Nickel, (Dissolved)	0.004	B 0.004	0.0005	mg/L	03/01/13	LK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.0018	mg/L	03/01/13	EK	SW6010

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	03/14/13	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	03/14/13	RS	7010
Thallium , (Dissolved)	< 0.002	0.002		mg/L	03/14/13	RS	7010
Vanadium, (Dissolved)	< 0.01	0.01	0.0003	mg/L	03/01/13	LK	SW6010
Zinc, (Dissolved)	0.003	B 0.011	0.0012	mg/L	03/01/13	LK	SW6010
Iron	124	0.01	0.005	mg/L	03/04/13	LK	SW6010
Mercury	0.0037	0.0002	0.00015	mg/L	03/04/13	RS	SW7470
Potassium	20.8	0.1	0.1	mg/L	03/04/13	EK	SW6010
Magnesium	53.0	0.01	0.001	mg/L	03/04/13	EK	SW6010
Manganese	9.05	0.050	0.010	mg/L	03/04/13	LK	SW6010
Sodium	159	1.0	1.0	mg/L	03/04/13	EK	SW6010
Nickel	0.148	0.004	0.0005	mg/L	03/04/13	LK	SW6010
Lead	0.058	0.002	0.001	mg/L	03/04/13	EK	SW6010
Antimony	< 0.003	0.003	0.003	mg/L	03/14/13	RS	7010
Selenium	< 0.004	0.004	0.002	mg/L	03/14/13	RS	7010
Thallium - LDL	< 0.002	0.002		mg/L	03/14/13	RS	7010
Vanadium	0.14	0.01	0.001	mg/L	03/04/13	LK	SW6010
Zinc	0.203	0.010	0.001	mg/L	03/04/13	LK	SW6010
Filtration	Completed				03/01/13	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				03/04/13	X/X	SW7470
Mercury Digestion	Completed				03/04/13	X/X	SW7470
PCB Extraction	Completed				03/01/13	L/T	SW3510C
Extraction for Pest (2 Liter)	Completed				03/01/13	L	SW3510
Semi-Volatile Extraction	Completed				03/01/13	I/X/D	SW3520
Dissolved Metals Preparation	Completed				03/01/13	AG	SW846-3005
Total Metals Digestion	Completed				03/01/13	AG	

Polychlorinated Biphenyls

PCB-1016	ND	0.052		ug/L	03/14/13	AW	8082
PCB-1221	ND	0.052		ug/L	03/14/13	AW	8082
PCB-1232	ND	0.052		ug/L	03/14/13	AW	8082
PCB-1242	ND	0.052		ug/L	03/14/13	AW	8082
PCB-1248	ND	0.052		ug/L	03/14/13	AW	8082
PCB-1254	ND	0.052		ug/L	03/14/13	AW	8082
PCB-1260	ND	0.052		ug/L	03/14/13	AW	8082
PCB-1262	ND	0.052		ug/L	03/14/13	AW	8082
PCB-1268	ND	0.052		ug/L	03/14/13	AW	8082

QA/QC Surrogates

% DCBP	86			%	03/14/13	AW	30 - 150 %
% TCMX	74			%	03/14/13	AW	30 - 150 %

Pesticides

4,4' -DDD	ND	0.052		ug/L	03/05/13	KCA	SW8081
4,4' -DDE	ND	0.052		ug/L	03/05/13	KCA	SW8081
4,4' -DDT	ND	0.052		ug/L	03/05/13	KCA	SW8081
α-BHC	ND	0.026		ug/L	03/05/13	KCA	SW8081
Alachlor	ND	0.078		ug/L	03/05/13	KCA	SW8081
Aldrin	ND	0.002		ug/L	03/05/13	KCA	SW8081
β-BHC	ND	0.005		ug/L	03/05/13	KCA	SW8081
Chlordane	ND	0.31		ug/L	03/05/13	KCA	SW8081

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
d-BHC	ND	0.026		ug/L	03/05/13	KCA	SW8081
Dieldrin	0.005	0.002		ug/L	03/05/13	KCA	SW8081
Endosulfan I	ND	0.052		ug/L	03/05/13	KCA	SW8081
Endosulfan II	ND	0.052		ug/L	03/05/13	KCA	SW8081
Endosulfan Sulfate	ND	0.052		ug/L	03/05/13	KCA	SW8081
Endrin	ND	0.052		ug/L	03/05/13	KCA	SW8081
Endrin Aldehyde	ND	0.052		ug/L	03/05/13	KCA	SW8081
Endrin ketone	ND	0.052		ug/L	03/05/13	KCA	SW8081
g-BHC (Lindane)	ND	0.026		ug/L	03/05/13	KCA	SW8081
Heptachlor	ND	0.026		ug/L	03/05/13	KCA	SW8081
Heptachlor epoxide	ND	0.026		ug/L	03/05/13	KCA	SW8081
Methoxychlor	ND	0.10		ug/L	03/05/13	KCA	SW8081
Toxaphene	ND	1.0		ug/L	03/05/13	KCA	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	66			%	03/05/13	KCA	30 - 150 %
%TCMX (Surrogate Rec)	57			%	03/05/13	KCA	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	03/03/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	03/03/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
1,2-Dichloroethane	ND	2.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	03/03/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
Acetone	1.3 JS	5.0	0.31	ug/L	03/03/13	H/T	SW8260
Acrolein	ND	5.0	0.95	ug/L	03/03/13	H/T	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	03/03/13	H/T	SW8260
Benzene	ND	0.70	0.19	ug/L	03/03/13	H/T	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Bromodichloromethane	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
Bromoform	ND	5.0	0.10	ug/L	03/03/13	H/T	SW8260
Bromomethane	ND	5.0	0.25	ug/L	03/03/13	H/T	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	03/03/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	03/03/13	H/T	SW8260
Chloroethane	ND	5.0	0.24	ug/L	03/03/13	H/T	SW8260
Chloroform	2.3	J 5.0	0.22	ug/L	03/03/13	H/T	SW8260
Chloromethane	ND	5.0	0.21	ug/L	03/03/13	H/T	SW8260
cis-1,2-Dichloroethene	1.7	1.0	0.23	ug/L	03/03/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	03/03/13	H/T	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
Hexachlorobutadiene	ND	1.0	0.13	ug/L	03/03/13	H/T	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	03/03/13	H/T	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	03/03/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	03/03/13	H/T	SW8260
Naphthalene	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
o-Xylene	ND	1.0	0.45	ug/L	03/03/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
Styrene	ND	1.0	0.41	ug/L	03/03/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Tetrachloroethene	24	1.0	0.24	ug/L	03/03/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	03/03/13	H/T	SW8260
Toluene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	1.0	0.14	ug/L	03/03/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	03/03/13	H/T	SW8260
Trichloroethene	3.9	1.0	0.18	ug/L	03/03/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	03/03/13	H/T	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	03/03/13	H/T	70 - 121 %
% Bromofluorobenzene	93			%	03/03/13	H/T	59 - 113 %
% Dibromofluoromethane	103			%	03/03/13	H/T	70 - 130 %
% Toluene-d8	97			%	03/03/13	H/T	84 - 138 %
<u>Semivolatiles</u>							
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
1,2-Dichlorobenzene	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
1,3-Dichlorobenzene	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	5.0	2.7	ug/L	03/05/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
2,4-Dichlorophenol	ND	5.0	1.8	ug/L	03/05/13	DD	SW 8270
2,4-Dimethylphenol	ND	5.0	1.2	ug/L	03/05/13	DD	SW 8270
2,4-Dinitrophenol	ND	25	3.5	ug/L	03/05/13	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	03/05/13	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
2-Chlorophenol	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	5.0	2.4	ug/L	03/05/13	DD	SW 8270
2-Nitroaniline	ND	25	5.1	ug/L	03/05/13	DD	SW 8270
2-Nitrophenol	ND	5.0	3.2	ug/L	03/05/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	03/05/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	10	2.4	ug/L	03/05/13	DD	SW 8270
3-Nitroaniline	ND	25	11	ug/L	03/05/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	25	5.4	ug/L	03/05/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	5.0	1.8	ug/L	03/05/13	DD	SW 8270
4-Chloroaniline	ND	10	2.3	ug/L	03/05/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	03/05/13	DD	SW 8270
4-Nitroaniline	ND	25	1.7	ug/L	03/05/13	DD	SW 8270
4-Nitrophenol	ND	25	2.3	ug/L	03/05/13	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Aniline	ND	25	15	ug/L	03/05/13	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Benzidine	ND	10	2.9	ug/L	03/05/13	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	03/05/13	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	03/05/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	03/05/13	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	03/05/13	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	03/05/13	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	03/05/13	DD	SW 8270
Hexachlorobutadiene	ND	5.0	1.8	ug/L	03/05/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
Nitrobenzene	ND	5.0	1.8	ug/L	03/05/13	DD	SW 8270
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	03/05/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Phenol	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	03/05/13	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	03/05/13	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	88			%	03/05/13	DD	19 - 122 %
% 2-Fluorobiphenyl	79			%	03/05/13	DD	30 - 115 %
% 2-Fluorophenol	44			%	03/05/13	DD	25 - 121 %
% Nitrobenzene-d5	95			%	03/05/13	DD	23 - 120 %
% Phenol-d5	5.5			%	03/05/13	DD	24 - 113 %
% Terphenyl-d14	37			%	03/05/13	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	1.5	1.5	ug/L	03/04/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.040	0.040	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.064	0.060	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	1.4	ug/L	03/04/13	DD	SW8270 (SIM)
Chrysene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	0.060	ug/L	03/04/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	1.5	ug/L	03/04/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	1.9	ug/L	03/04/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	1.9	ug/L	03/04/13	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	88			%	03/04/13	DD	19 - 122 %
% 2-Fluorobiphenyl	79			%	03/04/13	DD	30 - 115 %
% 2-Fluorophenol	44			%	03/04/13	DD	25 - 121 %
% Nitrobenzene-d5	95			%	03/04/13	DD	23 - 120 %
% Phenol-d5	5.5			%	03/04/13	DD	24 - 113 %
% Terphenyl-d14	37			%	03/04/13	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	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.

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

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.

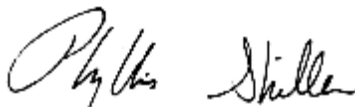
* One of the acid extractable surrogate recovery's was below the lower range for the semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

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.

* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

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

March 15, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

March 15, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G
Environmental Business Consulta
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: SB
Received by: LB
Analyzed by: see "By" below

Date

02/28/13
03/01/13

Time

0:00
16:37

Laboratory Data

SDG ID: GBD41823
Phoenix ID: BD41824

Project ID: 871 GRAND ST.
Client ID: MW4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.005	0.005	0.0006	mg/L	03/04/13	LK	SW6010
Aluminum	1070	1.0	0.24	mg/L	03/04/13	EK	SW6010
Arsenic - LDL	0.160	0.004	0.001	mg/L	03/04/13	LK	SW6010
Barium	4.58	0.010	0.0003	mg/L	03/04/13	LK	SW6010
Beryllium	0.043	0.010	0.010	mg/L	03/04/13	EK	SW6010
Calcium	161	0.10	0.030	mg/L	03/04/13	EK	SW6010
Cadmium	0.029	* 0.004	0.0002	mg/L	03/04/13	LK	SW6010
Cobalt	0.495	0.005	0.0003	mg/L	03/04/13	LK	SW6010
Chromium	2.16	0.010	0.0090	mg/L	03/04/13	EK	SW6010
Copper	1.70	0.005	0.001	mg/L	03/04/13	LK	SW6010
Silver (Dissolved)	< 0.005	0.005	0.0008	mg/L	03/01/13	LK	SW6010
Aluminum (Dissolved)	0.04	0.01	0.005	mg/L	03/01/13	EK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	03/01/13	LK	SW6010
Barium (Dissolved)	0.054	0.011	0.001	mg/L	03/01/13	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	03/01/13	EK	SW6010
Calcium (Dissolved)	81.6	0.01	0.01	mg/L	03/01/13	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	03/01/13	LK	SW6010
Cobalt, (Dissolved)	0.001	B 0.005	0.0009	mg/L	03/01/13	LK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.0008	mg/L	03/01/13	EK	SW6010
Copper, (Dissolved)	0.000	B 0.005	0.0004	mg/L	03/01/13	LK	SW6010
Iron, (Dissolved)	0.03	0.01	0.01	mg/L	03/01/13	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	03/04/13	RS	SW7470
Potassium (Dissolved)	4.7	1.1	0.11	mg/L	03/01/13	EK	SW6010
Magnesium (Dissolved)	28.1	0.01	0.01	mg/L	03/01/13	EK	SW6010
Manganese, (Dissolved)	1.21	0.005	0.0005	mg/L	03/01/13	LK	SW6010
Sodium (Dissolved)	113	1.1	0.11	mg/L	03/01/13	EK	SW6010
Nickel, (Dissolved)	0.005	0.004	0.0005	mg/L	03/01/13	LK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.0018	mg/L	03/01/13	EK	SW6010

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	03/14/13	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.002	mg/L	03/14/13	RS	7010
Thallium , (Dissolved)	< 0.002	0.002		mg/L	03/14/13	RS	7010
Vanadium, (Dissolved)	< 0.01	0.01	0.0003	mg/L	03/01/13	LK	SW6010
Zinc, (Dissolved)	< 0.011	0.011	0.0012	mg/L	03/01/13	LK	SW6010
Iron	1590	1.0	0.50	mg/L	03/04/13	LK	SW6010
Mercury	0.0019	0.0002	0.00015	mg/L	03/04/13	RS	SW7470
Potassium	108	1.0	1.0	mg/L	03/04/13	EK	SW6010
Magnesium	239	0.10	0.010	mg/L	03/04/13	EK	SW6010
Manganese	54.8	0.50	0.10	mg/L	03/04/13	LK	SW6010
Sodium	118	1.0	1.0	mg/L	03/04/13	EK	SW6010
Nickel	1.13	0.004	0.0005	mg/L	03/04/13	LK	SW6010
Lead	0.765	0.020	0.010	mg/L	03/04/13	EK	SW6010
Antimony	0.281	0.030	0.030	mg/L	03/14/13	RS	7010
Selenium	< 0.040	0.040	0.020	mg/L	03/14/13	RS	7010
Thallium - LDL	< 0.002	0.002		mg/L	03/14/13	RS	7010
Vanadium	1.42	0.01	0.001	mg/L	03/04/13	LK	SW6010
Zinc	1.76	0.010	0.001	mg/L	03/04/13	LK	SW6010
Filtration	Completed				03/01/13	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				03/04/13	X/X	SW7470
Mercury Digestion	Completed				03/04/13	X/X	SW7470
Dissolved Metals Preparation	Completed				03/01/13	AG	SW846-3005
Total Metals Digestion	Completed				03/01/13	AG	

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	03/03/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	03/03/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
1,2-Dichloroethane	ND	2.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	03/03/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260

Client ID: MW4

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	03/03/13	H/T	SW8260
Acetone	3.5	JS	5.0	0.31	ug/L	03/03/13	H/T	SW8260
Acrolein	ND		5.0	0.95	ug/L	03/03/13	H/T	SW8260
Acrylonitrile	ND		5.0	0.17	ug/L	03/03/13	H/T	SW8260
Benzene	ND		0.70	0.19	ug/L	03/03/13	H/T	SW8260
Bromobenzene	ND		1.0	0.20	ug/L	03/03/13	H/T	SW8260
Bromochloromethane	ND		1.0	0.22	ug/L	03/03/13	H/T	SW8260
Bromodichloromethane	ND		1.0	0.16	ug/L	03/03/13	H/T	SW8260
Bromoform	ND		5.0	0.10	ug/L	03/03/13	H/T	SW8260
Bromomethane	ND		5.0	0.25	ug/L	03/03/13	H/T	SW8260
Carbon Disulfide	0.31	J	1.0	0.24	ug/L	03/03/13	H/T	SW8260
Carbon tetrachloride	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Chlorobenzene	ND		5.0	0.20	ug/L	03/03/13	H/T	SW8260
Chloroethane	ND		5.0	0.24	ug/L	03/03/13	H/T	SW8260
Chloroform	2.1	J	5.0	0.22	ug/L	03/03/13	H/T	SW8260
Chloromethane	ND		5.0	0.21	ug/L	03/03/13	H/T	SW8260
cis-1,2-Dichloroethene	3.2		1.0	0.23	ug/L	03/03/13	H/T	SW8260
cis-1,3-Dichloropropene	ND		1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromochloromethane	ND		1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromomethane	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	03/03/13	H/T	SW8260
Ethylbenzene	ND		1.0	0.19	ug/L	03/03/13	H/T	SW8260
Hexachlorobutadiene	ND		1.0	0.13	ug/L	03/03/13	H/T	SW8260
Isopropylbenzene	ND		1.0	0.22	ug/L	03/03/13	H/T	SW8260
m&p-Xylene	ND		1.0	0.42	ug/L	03/03/13	H/T	SW8260
Methyl ethyl ketone	0.73	J	1.0	0.50	ug/L	03/03/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	03/03/13	H/T	SW8260
Methylene chloride	ND		3.0	0.16	ug/L	03/03/13	H/T	SW8260
Naphthalene	ND		1.0	0.19	ug/L	03/03/13	H/T	SW8260
n-Butylbenzene	ND		1.0	0.22	ug/L	03/03/13	H/T	SW8260
n-Propylbenzene	ND		1.0	0.20	ug/L	03/03/13	H/T	SW8260
o-Xylene	ND		1.0	0.45	ug/L	03/03/13	H/T	SW8260
p-Isopropyltoluene	ND		1.0	0.21	ug/L	03/03/13	H/T	SW8260
sec-Butylbenzene	ND		1.0	0.22	ug/L	03/03/13	H/T	SW8260
Styrene	ND		1.0	0.41	ug/L	03/03/13	H/T	SW8260
tert-Butylbenzene	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Tetrachloroethene	8.0		1.0	0.24	ug/L	03/03/13	H/T	SW8260
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	03/03/13	H/T	SW8260
Toluene	ND		1.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,3-Dichloropropene	ND		1.0	0.14	ug/L	03/03/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	03/03/13	H/T	SW8260
Trichloroethene	5.3		1.0	0.18	ug/L	03/03/13	H/T	SW8260
Trichlorofluoromethane	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Vinyl chloride	ND		1.0	0.14	ug/L	03/03/13	H/T	SW8260
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99				%	03/03/13	H/T	70 - 121 %
% Bromofluorobenzene	93				%	03/03/13	H/T	59 - 113 %
% Dibromofluoromethane	103				%	03/03/13	H/T	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	96			%	03/03/13	H/T	84 - 138 %

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

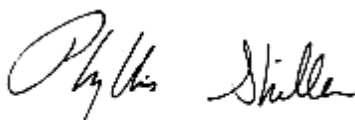
Comments:

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.

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.

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



Phyllis Shiller, Laboratory Director

March 15, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

March 15, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G
Environmental Business Consulta
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: SB
Received by: LB
Analyzed by: see "By" below

Date

02/28/13
03/01/13

Time

0:00
16:37

Laboratory Data

SDG ID: GBD41823
Phoenix ID: BD41825

Project ID: 871 GRAND ST.
Client ID: MW5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.005	0.005	0.0007	mg/L	03/05/13	LK	SW6010
Aluminum	354	0.10	0.024	mg/L	03/04/13	EK	SW6010
Arsenic - LDL	0.054	0.004	0.004	mg/L	03/05/13	LK	SW6010
Barium	2.28	0.010	0.001	mg/L	03/05/13	LK	SW6010
Beryllium	0.019	0.001	0.001	mg/L	03/04/13	LK	SW6010
Calcium	52.8	0.010	0.003	mg/L	03/04/13	LK	SW6010
Cadmium	< 0.004	* 0.004	0.0005	mg/L	03/05/13	LK	SW6010
Cobalt	0.177	0.005	0.0008	mg/L	03/05/13	LK	SW6010
Chromium	0.476	0.001	0.0009	mg/L	03/04/13	LK	SW6010
Copper	0.660	0.005	0.0004	mg/L	03/05/13	LK	SW6010
Silver (Dissolved)	< 0.005	0.005	0.0008	mg/L	03/01/13	LK	SW6010
Aluminum (Dissolved)	0.07	0.01	0.005	mg/L	03/01/13	EK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	03/01/13	LK	SW6010
Barium (Dissolved)	0.034	0.011	0.001	mg/L	03/01/13	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	03/01/13	EK	SW6010
Calcium (Dissolved)	39.2	0.01	0.01	mg/L	03/01/13	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	03/01/13	LK	SW6010
Cobalt, (Dissolved)	0.001	B 0.005	0.0009	mg/L	03/01/13	LK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.0008	mg/L	03/01/13	EK	SW6010
Copper, (Dissolved)	0.001	B 0.005	0.0004	mg/L	03/01/13	LK	SW6010
Iron, (Dissolved)	0.04	0.01	0.01	mg/L	03/01/13	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	03/04/13	RS	SW7470
Potassium (Dissolved)	3.0	0.1	0.01	mg/L	03/01/13	EK	SW6010
Magnesium (Dissolved)	15.2	0.01	0.01	mg/L	03/01/13	EK	SW6010
Manganese, (Dissolved)	1.38	0.005	0.0005	mg/L	03/01/13	LK	SW6010
Sodium (Dissolved)	20.2	0.11	0.01	mg/L	03/01/13	EK	SW6010
Nickel, (Dissolved)	0.006	0.004	0.0005	mg/L	03/01/13	LK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.0018	mg/L	03/01/13	EK	SW6010

Client ID: MW5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	03/14/13	RS	7010
Selenium, (Dissolved)	0.004	B 0.004	0.002	mg/L	03/14/13	RS	7010
Thallium , (Dissolved)	< 0.002	0.002		mg/L	03/14/13	RS	7010
Vanadium, (Dissolved)	< 0.01	0.01	0.0003	mg/L	03/01/13	LK	SW6010
Zinc, (Dissolved)	0.004	B 0.011	0.0012	mg/L	03/01/13	LK	SW6010
Iron	428	0.10	0.050	mg/L	03/04/13	LK	SW6010
Mercury	0.0003	0.0002	0.00015	mg/L	03/05/13	JA	SW7470
Potassium	24.4	0.1	0.1	mg/L	03/04/13	LK	SW6010
Magnesium	53.5	0.01	0.001	mg/L	03/04/13	LK	SW6010
Manganese	15.1	0.050	0.010	mg/L	03/04/13	LK	SW6010
Sodium	21.5	0.1	0.1	mg/L	03/04/13	LK	SW6010
Nickel	0.466	0.004	0.0005	mg/L	03/05/13	LK	SW6010
Lead	0.134	0.002	0.001	mg/L	03/04/13	LK	SW6010
QC for AA	Completed				03/14/13	PS	
QC for Mercury	Completed				03/14/13	PS	
QC for ICP	Completed				03/14/13		SW6010
Antimony	0.052	0.030	0.030	mg/L	03/14/13	RS	7010
Selenium	< 0.040	0.040	0.020	mg/L	03/14/13	RS	7010
Thallium - LDL	< 0.002	0.002		mg/L	03/14/13	RS	7010
Vanadium	0.67	0.01	0.0003	mg/L	03/05/13	LK	SW6010
Zinc	0.668	0.010	0.0011	mg/L	03/05/13	LK	SW6010
Filtration	Completed				03/01/13	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				03/04/13	X/X	SW7470
Mercury Digestion MS/MSD	Completed				03/04/13		SW7471
Mercury Digestion	Completed				03/04/13	X/X	SW7470
MS/MSD Ext. For PCB	Completed				03/02/13		
MS/MSD Ext. for Pesticide	Completed				03/02/13		
PCB Extraction	Completed				03/01/13	L/T	SW3510C
Extraction for Pest (2 Liter)	Completed				03/01/13	L	SW3510
Semi-Volatile Extraction	Completed				03/01/13	I/K/D	SW3520
MS/MSD Ext. for Semi-Vol.	Completed				03/04/13		
Dissolved Metals Preparation	Completed				03/01/13	AG	SW846-3005
Total Metals Digest MS/MSD	Completed				03/02/13		
Total Metals Digestion	Completed				03/01/13	AG	

Polychlorinated Biphenyls

PCB-1016	ND	0.056		ug/L	03/14/13	AW	8082
PCB-1221	ND	0.056		ug/L	03/14/13	AW	8082
PCB-1232	ND	0.056		ug/L	03/14/13	AW	8082
PCB-1242	ND	0.056		ug/L	03/14/13	AW	8082
PCB-1248	ND	0.056		ug/L	03/14/13	AW	8082
PCB-1254	ND	0.056		ug/L	03/14/13	AW	8082
PCB-1260	ND	0.056		ug/L	03/14/13	AW	8082
PCB-1262	ND	0.056		ug/L	03/14/13	AW	8082
PCB-1268	ND	0.056		ug/L	03/14/13	AW	8082

QA/QC Surrogates

% DCBP	36			%	03/14/13	AW	30 - 150 %
% TCMX	67			%	03/14/13	AW	30 - 150 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<u>Pesticides</u>							
4,4' -DDD	ND	0.056		ug/L	03/05/13	KCA	SW8081
4,4' -DDE	ND	0.056		ug/L	03/05/13	KCA	SW8081
4,4' -DDT	ND	0.056		ug/L	03/05/13	KCA	SW8081
a-BHC	ND	0.028		ug/L	03/05/13	KCA	SW8081
Alachlor	ND	0.083		ug/L	03/05/13	KCA	SW8081
Aldrin	ND	0.002		ug/L	03/05/13	KCA	SW8081
b-BHC	ND	0.006		ug/L	03/05/13	KCA	SW8081
Chlordane	ND	0.33		ug/L	03/05/13	KCA	SW8081
d-BHC	ND	0.028		ug/L	03/05/13	KCA	SW8081
Dieldrin	0.033	0.002		ug/L	03/05/13	KCA	SW8081
Endosulfan I	ND	0.056		ug/L	03/05/13	KCA	SW8081
Endosulfan II	ND	0.056		ug/L	03/05/13	KCA	SW8081
Endosulfan Sulfate	ND	0.056		ug/L	03/05/13	KCA	SW8081
Endrin	ND	0.056		ug/L	03/05/13	KCA	SW8081
Endrin Aldehyde	ND	0.056		ug/L	03/05/13	KCA	SW8081
Endrin ketone	ND	0.056		ug/L	03/05/13	KCA	SW8081
g-BHC (Lindane)	ND	0.028		ug/L	03/05/13	KCA	SW8081
Heptachlor	ND	0.028		ug/L	03/05/13	KCA	SW8081
Heptachlor epoxide	ND	0.028		ug/L	03/05/13	KCA	SW8081
Methoxychlor	ND	0.11		ug/L	03/05/13	KCA	SW8081
Toxaphene	ND	1.1		ug/L	03/05/13	KCA	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	34			%	03/05/13	KCA	30 - 150 %
%TCMX (Surrogate Rec)	66			%	03/05/13	KCA	30 - 150 %
QC for PCB	Completed				03/04/13	AW	
QC for Pesticides	Completed				03/04/13	KCA	
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	03/03/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	03/03/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
1,2-Dichloroethane	ND	2.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	03/03/13	H/T	SW8260
2,2-Dichloropropane	ND		1.0	0.16	ug/L	03/03/13	H/T	SW8260
2-Chlorotoluene	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
2-Hexanone	ND		1.0	0.27	ug/L	03/03/13	H/T	SW8260
2-Isopropyltoluene	ND		1.0	0.21	ug/L	03/03/13	H/T	SW8260
4-Chlorotoluene	ND		1.0	0.16	ug/L	03/03/13	H/T	SW8260
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	03/03/13	H/T	SW8260
Acetone	0.94	JS	5.0	0.31	ug/L	03/03/13	H/T	SW8260
Acrolein	ND		5.0	0.95	ug/L	03/03/13	H/T	SW8260
Acrylonitrile	ND		5.0	0.17	ug/L	03/03/13	H/T	SW8260
Benzene	ND		0.70	0.19	ug/L	03/03/13	H/T	SW8260
Bromobenzene	ND		1.0	0.20	ug/L	03/03/13	H/T	SW8260
Bromochloromethane	ND		1.0	0.22	ug/L	03/03/13	H/T	SW8260
Bromodichloromethane	ND		1.0	0.16	ug/L	03/03/13	H/T	SW8260
Bromoform	ND		5.0	0.10	ug/L	03/03/13	H/T	SW8260
Bromomethane	0.27	J	5.0	0.25	ug/L	03/03/13	H/T	SW8260
Carbon Disulfide	ND		1.0	0.24	ug/L	03/03/13	H/T	SW8260
Carbon tetrachloride	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Chlorobenzene	ND		5.0	0.20	ug/L	03/03/13	H/T	SW8260
Chloroethane	ND		5.0	0.24	ug/L	03/03/13	H/T	SW8260
Chloroform	1.1	J	5.0	0.22	ug/L	03/03/13	H/T	SW8260
Chloromethane	ND		5.0	0.21	ug/L	03/03/13	H/T	SW8260
cis-1,2-Dichloroethene	2.3		1.0	0.23	ug/L	03/03/13	H/T	SW8260
cis-1,3-Dichloropropene	ND		1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromochloromethane	ND		1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromomethane	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	03/03/13	H/T	SW8260
Ethylbenzene	ND		1.0	0.19	ug/L	03/03/13	H/T	SW8260
Hexachlorobutadiene	ND		1.0	0.13	ug/L	03/03/13	H/T	SW8260
Isopropylbenzene	ND		1.0	0.22	ug/L	03/03/13	H/T	SW8260
m&p-Xylene	ND		1.0	0.42	ug/L	03/03/13	H/T	SW8260
Methyl ethyl ketone	ND		1.0	0.50	ug/L	03/03/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	03/03/13	H/T	SW8260
Methylene chloride	ND		3.0	0.16	ug/L	03/03/13	H/T	SW8260
Naphthalene	ND		1.0	0.19	ug/L	03/03/13	H/T	SW8260
n-Butylbenzene	ND		1.0	0.22	ug/L	03/03/13	H/T	SW8260
n-Propylbenzene	ND		1.0	0.20	ug/L	03/03/13	H/T	SW8260
o-Xylene	ND		1.0	0.45	ug/L	03/03/13	H/T	SW8260
p-Isopropyltoluene	ND		1.0	0.21	ug/L	03/03/13	H/T	SW8260
sec-Butylbenzene	ND		1.0	0.22	ug/L	03/03/13	H/T	SW8260
Styrene	ND		1.0	0.41	ug/L	03/03/13	H/T	SW8260
tert-Butylbenzene	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Tetrachloroethene	15		1.0	0.24	ug/L	03/03/13	H/T	SW8260
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	03/03/13	H/T	SW8260
Toluene	ND		1.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,3-Dichloropropene	ND		1.0	0.14	ug/L	03/03/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	03/03/13	H/T	SW8260
Trichloroethene	9.4		1.0	0.18	ug/L	03/03/13	H/T	SW8260
Trichlorofluoromethane	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	03/03/13	H/T	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	03/03/13	H/T	70 - 121 %
% Bromofluorobenzene	91			%	03/03/13	H/T	59 - 113 %
% Dibromofluoromethane	103			%	03/03/13	H/T	70 - 130 %
% Toluene-d8	97			%	03/03/13	H/T	84 - 138 %
QC for Volatile	Completed				03/04/13		
QC for Volatile	Completed				03/04/13		
MS/MSD Volatiles	Completed				03/03/13		

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.6	1.7	ug/L	03/05/13	DD	SW 8270
1,2-Dichlorobenzene	ND	5.6	1.6	ug/L	03/05/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.6	1.8	ug/L	03/05/13	DD	SW 8270
1,3-Dichlorobenzene	ND	5.6	1.6	ug/L	03/05/13	DD	SW 8270
1,4-Dichlorobenzene	ND	5.6	1.6	ug/L	03/05/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	5.6	3.0	ug/L	03/05/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	5.6	1.8	ug/L	03/05/13	DD	SW 8270
2,4-Dichlorophenol	ND	5.6	2.0	ug/L	03/05/13	DD	SW 8270
2,4-Dimethylphenol	ND	5.6	1.4	ug/L	03/05/13	DD	SW 8270
2,4-Dinitrophenol	ND	28	3.9	ug/L	03/05/13	DD	SW 8270
2,4-Dinitrotoluene	ND	5.6	2.2	ug/L	03/05/13	DD	SW 8270
2,6-Dinitrotoluene	ND	5.6	1.8	ug/L	03/05/13	DD	SW 8270
2-Chloronaphthalene	ND	5.6	1.6	ug/L	03/05/13	DD	SW 8270
2-Chlorophenol	ND	5.6	1.6	ug/L	03/05/13	DD	SW 8270
2-Methylnaphthalene	ND	5.6	1.7	ug/L	03/05/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	5.6	2.6	ug/L	03/05/13	DD	SW 8270
2-Nitroaniline	ND	28	5.6	ug/L	03/05/13	DD	SW 8270
2-Nitrophenol	ND	5.6	3.5	ug/L	03/05/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.6	2.2	ug/L	03/05/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	11	2.6	ug/L	03/05/13	DD	SW 8270
3-Nitroaniline	ND	28	12	ug/L	03/05/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	28	6.0	ug/L	03/05/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.6	1.6	ug/L	03/05/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	5.6	2.0	ug/L	03/05/13	DD	SW 8270
4-Chloroaniline	ND	11	2.6	ug/L	03/05/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.6	1.9	ug/L	03/05/13	DD	SW 8270
4-Nitroaniline	ND	28	1.9	ug/L	03/05/13	DD	SW 8270
4-Nitrophenol	ND	28	2.5	ug/L	03/05/13	DD	SW 8270
Acenaphthene	ND	5.6	1.7	ug/L	03/05/13	DD	SW 8270
Acetophenone	ND	5.6	1.7	ug/L	03/05/13	DD	SW 8270
Aniline	ND	28	17	ug/L	03/05/13	DD	SW 8270
Anthracene	ND	5.6	1.8	ug/L	03/05/13	DD	SW 8270
Benzidine	ND	11	3.3	ug/L	03/05/13	DD	SW 8270
Benzoic acid	ND	28	11	ug/L	03/05/13	DD	SW 8270
Benzyl butyl phthalate	ND	5.6	1.4	ug/L	03/05/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.6	1.5	ug/L	03/05/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	5.6	1.5	ug/L	03/05/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	5.6	1.5	ug/L	03/05/13	DD	SW 8270
Carbazole	ND	28	4.2	ug/L	03/05/13	DD	SW 8270
Dibenzofuran	ND	5.6	1.6	ug/L	03/05/13	DD	SW 8270
Diethyl phthalate	ND	5.6	1.8	ug/L	03/05/13	DD	SW 8270
Dimethylphthalate	ND	5.6	1.7	ug/L	03/05/13	DD	SW 8270
Di-n-butylphthalate	ND	5.6	1.5	ug/L	03/05/13	DD	SW 8270
Di-n-octylphthalate	ND	5.6	1.4	ug/L	03/05/13	DD	SW 8270
Fluoranthene	ND	5.6	1.8	ug/L	03/05/13	DD	SW 8270
Fluorene	ND	5.6	1.8	ug/L	03/05/13	DD	SW 8270
Hexachlorobutadiene	ND	5.6	2.0	ug/L	03/05/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.6	1.7	ug/L	03/05/13	DD	SW 8270
Isophorone	ND	5.6	1.6	ug/L	03/05/13	DD	SW 8270
Naphthalene	ND	5.6	1.6	ug/L	03/05/13	DD	SW 8270
Nitrobenzene	ND	5.6	1.9	ug/L	03/05/13	DD	SW 8270
N-Nitrosodimethylamine	ND	5.6	1.6	ug/L	03/05/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.6	1.8	ug/L	03/05/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.6	2.1	ug/L	03/05/13	DD	SW 8270
Phenol	ND	5.6	1.8	ug/L	03/05/13	DD	SW 8270
Pyrene	ND	5.6	1.9	ug/L	03/05/13	DD	SW 8270
Pyridine	ND	11	1.4	ug/L	03/05/13	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	81			%	03/05/13	DD	19 - 122 %
% 2-Fluorobiphenyl	85			%	03/05/13	DD	30 - 115 %
% 2-Fluorophenol	31			%	03/05/13	DD	25 - 121 %
% Nitrobenzene-d5	99			%	03/05/13	DD	23 - 120 %
% Phenol-d5	32			%	03/05/13	DD	24 - 113 %
% Terphenyl-d14	90			%	03/05/13	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	1.7	1.7	ug/L	03/04/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.11	0.11	ug/L	03/04/13	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.044	0.044	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.11	0.11	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.071	0.067	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.11	0.11	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.11	0.11	ug/L	03/04/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.8	1.6	ug/L	03/04/13	DD	SW8270 (SIM)
Chrysene	ND	0.11	0.11	ug/L	03/04/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.11	0.11	ug/L	03/04/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.067	0.067	ug/L	03/04/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.7	1.7	ug/L	03/04/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.11	0.11	ug/L	03/04/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.11	2.1	ug/L	03/04/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.89	2.1	ug/L	03/04/13	DD	SW8270 (SIM)
Phenanthrene	ND	0.11	0.11	ug/L	03/04/13	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	81			%	03/04/13	DD	19 - 122 %
% 2-Fluorobiphenyl	85			%	03/04/13	DD	30 - 115 %
% 2-Fluorophenol	31			%	03/04/13	DD	25 - 121 %
% Nitrobenzene-d5	99			%	03/04/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	32			%	03/04/13	DD	24 - 113 %
% Terphenyl-d14	90			%	03/04/13	DD	18 - 137 %
QC for Semi-Volatile	Completed				03/07/13		

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

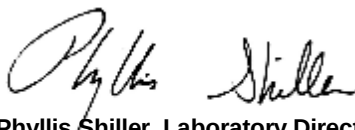
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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



Phyllis Shiller, Laboratory Director

March 15, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

March 15, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G
Environmental Business Consulta
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: SB
Received by: LB
Analyzed by: see "By" below

Date

02/28/13
03/01/13

Time

0:00
16:37

Laboratory Data

SDG ID: GBD41823
Phoenix ID: BD41826

Project ID: 871 GRAND ST.
Client ID: MW6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.005	0.005	0.0006	mg/L	03/04/13	LK	SW6010
Aluminum	55.4	0.10	0.024	mg/L	03/04/13	EK	SW6010
Arsenic - LDL	0.013	0.004	0.001	mg/L	03/04/13	LK	SW6010
Barium	1.10	0.010	0.0003	mg/L	03/04/13	LK	SW6010
Beryllium	0.004	0.001	0.001	mg/L	03/04/13	EK	SW6010
Calcium	42.8	0.010	0.003	mg/L	03/04/13	EK	SW6010
Cadmium	0.004	* 0.004	0.0002	mg/L	03/04/13	LK	SW6010
Cobalt	0.080	0.005	0.0003	mg/L	03/04/13	LK	SW6010
Chromium	0.203	0.001	0.0009	mg/L	03/04/13	EK	SW6010
Copper	0.294	0.005	0.001	mg/L	03/04/13	LK	SW6010
Silver (Dissolved)	< 0.005	0.005	0.0008	mg/L	03/01/13	LK	SW6010
Aluminum (Dissolved)	1.46	0.01	0.005	mg/L	03/01/13	EK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	03/01/13	LK	SW6010
Barium (Dissolved)	0.043	0.011	0.001	mg/L	03/01/13	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	03/01/13	EK	SW6010
Calcium (Dissolved)	35.5	0.01	0.01	mg/L	03/01/13	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	03/01/13	LK	SW6010
Cobalt, (Dissolved)	0.002	B 0.005	0.0009	mg/L	03/01/13	LK	SW6010
Chromium (Dissolved)	0.002	0.001	0.0008	mg/L	03/01/13	EK	SW6010
Copper, (Dissolved)	0.003	B 0.005	0.0004	mg/L	03/01/13	LK	SW6010
Iron, (Dissolved)	1.55	0.01	0.01	mg/L	03/01/13	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	03/04/13	RS	SW7470
Potassium (Dissolved)	8.0	1.1	0.11	mg/L	03/01/13	EK	SW6010
Magnesium (Dissolved)	11.8	0.01	0.01	mg/L	03/01/13	EK	SW6010
Manganese, (Dissolved)	3.10	0.053	0.0053	mg/L	03/01/13	LK	SW6010
Sodium (Dissolved)	13.8	1.1	0.11	mg/L	03/01/13	EK	SW6010
Nickel, (Dissolved)	0.020	0.004	0.0005	mg/L	03/01/13	LK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.0018	mg/L	03/01/13	EK	SW6010

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	03/14/13	RS	7010
Selenium, (Dissolved)	0.002	B 0.004	0.002	mg/L	03/14/13	RS	7010
Thallium , (Dissolved)	< 0.002	0.002		mg/L	03/14/13	RS	7010
Vanadium, (Dissolved)	0.00	B 0.01	0.0003	mg/L	03/01/13	LK	SW6010
Zinc, (Dissolved)	0.006	B 0.011	0.0012	mg/L	03/01/13	LK	SW6010
Iron	112	0.01	0.005	mg/L	03/04/13	LK	SW6010
Mercury	< 0.0002	0.0002	0.00015	mg/L	03/04/13	RS	SW7470
Potassium	18.2	0.1	0.1	mg/L	03/04/13	EK	SW6010
Magnesium	29.4	0.01	0.001	mg/L	03/04/13	EK	SW6010
Manganese	21.9	0.50	0.10	mg/L	03/04/13	LK	SW6010
Sodium	16.5	0.1	0.1	mg/L	03/04/13	EK	SW6010
Nickel	0.222	0.004	0.0005	mg/L	03/04/13	LK	SW6010
Lead	0.096	0.002	0.001	mg/L	03/04/13	EK	SW6010
Antimony	< 0.003	0.003	0.003	mg/L	03/14/13	RS	7010
Selenium	0.003	B 0.004	0.002	mg/L	03/14/13	RS	7010
Thallium - LDL	< 0.002	0.002		mg/L	03/14/13	RS	7010
Vanadium	0.13	0.01	0.001	mg/L	03/04/13	LK	SW6010
Zinc	0.234	0.010	0.001	mg/L	03/04/13	LK	SW6010
Filtration	Completed				03/01/13	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				03/04/13	X/X	SW7470
Mercury Digestion	Completed				03/04/13	X/X	SW7470
PCB Extraction	Completed				03/01/13	L/T	SW3510C
Extraction for Pest (2 Liter)	Completed				03/01/13	L	SW3510
Semi-Volatile Extraction	Completed				03/05/13	i/K	SW3520
Dissolved Metals Preparation	Completed				03/01/13	AG	SW846-3005
Total Metals Digestion	Completed				03/01/13	AG	

Polychlorinated Biphenyls

PCB-1016	ND	0.055	ug/L	03/14/13	AW	8082
PCB-1221	ND	0.055	ug/L	03/14/13	AW	8082
PCB-1232	ND	0.055	ug/L	03/14/13	AW	8082
PCB-1242	ND	0.055	ug/L	03/14/13	AW	8082
PCB-1248	ND	0.055	ug/L	03/14/13	AW	8082
PCB-1254	ND	0.055	ug/L	03/14/13	AW	8082
PCB-1260	ND	0.055	ug/L	03/14/13	AW	8082
PCB-1262	ND	0.055	ug/L	03/14/13	AW	8082
PCB-1268	ND	0.055	ug/L	03/14/13	AW	8082

QA/QC Surrogates

% DCBP	40		%	03/14/13	AW	30 - 150 %
% TCMX	61		%	03/14/13	AW	30 - 150 %

Pesticides

4,4' -DDD	ND	0.055	ug/L	03/05/13	KCA	SW8081
4,4' -DDE	ND	0.055	ug/L	03/05/13	KCA	SW8081
4,4' -DDT	ND	0.055	ug/L	03/05/13	KCA	SW8081
α-BHC	ND	0.027	ug/L	03/05/13	KCA	SW8081
Alachlor	ND	0.082	ug/L	03/05/13	KCA	SW8081
Aldrin	ND	0.002	ug/L	03/05/13	KCA	SW8081
β-BHC	ND	0.006	ug/L	03/05/13	KCA	SW8081
Chlordane	ND	0.33	ug/L	03/05/13	KCA	SW8081

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
d-BHC	ND	0.027		ug/L	03/05/13	KCA	SW8081
Dieldrin	0.006	0.002		ug/L	03/05/13	KCA	SW8081
Endosulfan I	ND	0.055		ug/L	03/05/13	KCA	SW8081
Endosulfan II	ND	0.055		ug/L	03/05/13	KCA	SW8081
Endosulfan Sulfate	ND	0.055		ug/L	03/05/13	KCA	SW8081
Endrin	ND	0.055		ug/L	03/05/13	KCA	SW8081
Endrin Aldehyde	ND	0.055		ug/L	03/05/13	KCA	SW8081
Endrin ketone	ND	0.055		ug/L	03/05/13	KCA	SW8081
g-BHC (Lindane)	ND	0.027		ug/L	03/05/13	KCA	SW8081
Heptachlor	ND	0.027		ug/L	03/05/13	KCA	SW8081
Heptachlor epoxide	ND	0.027		ug/L	03/05/13	KCA	SW8081
Methoxychlor	ND	0.11		ug/L	03/05/13	KCA	SW8081
Toxaphene	ND	1.1		ug/L	03/05/13	KCA	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	37			%	03/05/13	KCA	30 - 150 %
%TCMX (Surrogate Rec)	61			%	03/05/13	KCA	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	03/03/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	03/03/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
1,2-Dichloroethane	ND	2.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	03/03/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
Acetone	1.2 JS	5.0	0.31	ug/L	03/03/13	H/T	SW8260
Acrolein	ND	5.0	0.95	ug/L	03/03/13	H/T	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	03/03/13	H/T	SW8260
Benzene	ND	0.70	0.19	ug/L	03/03/13	H/T	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Bromodichloromethane	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
Bromoform	ND	5.0	0.10	ug/L	03/03/13	H/T	SW8260
Bromomethane	ND	5.0	0.25	ug/L	03/03/13	H/T	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	03/03/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	03/03/13	H/T	SW8260
Chloroethane	ND	5.0	0.24	ug/L	03/03/13	H/T	SW8260
Chloroform	0.53	J 5.0	0.22	ug/L	03/03/13	H/T	SW8260
Chloromethane	ND	5.0	0.21	ug/L	03/03/13	H/T	SW8260
cis-1,2-Dichloroethene	0.82	J 1.0	0.23	ug/L	03/03/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	03/03/13	H/T	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
Hexachlorobutadiene	ND	1.0	0.13	ug/L	03/03/13	H/T	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	03/03/13	H/T	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	03/03/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	03/03/13	H/T	SW8260
Naphthalene	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
o-Xylene	ND	1.0	0.45	ug/L	03/03/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
Styrene	ND	1.0	0.41	ug/L	03/03/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Tetrachloroethene	6.7	1.0	0.24	ug/L	03/03/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	03/03/13	H/T	SW8260
Toluene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	1.0	0.14	ug/L	03/03/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	03/03/13	H/T	SW8260
Trichloroethene	6.1	1.0	0.18	ug/L	03/03/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	03/03/13	H/T	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	03/03/13	H/T	70 - 121 %
% Bromofluorobenzene	92			%	03/03/13	H/T	59 - 113 %
% Dibromofluoromethane	101			%	03/03/13	H/T	70 - 130 %
% Toluene-d8	97			%	03/03/13	H/T	84 - 138 %
<u>Semivolatiles</u>							
1,2,4-Trichlorobenzene	ND	6.3	1.9	ug/L	03/07/13	DD	SW 8270
1,2-Dichlorobenzene	ND	6.3	1.8	ug/L	03/07/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	6.3	2.0	ug/L	03/07/13	DD	SW 8270
1,3-Dichlorobenzene	ND	6.3	1.9	ug/L	03/07/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	6.3	1.9	ug/L	03/07/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	6.3	3.4	ug/L	03/07/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	6.3	2.0	ug/L	03/07/13	DD	SW 8270
2,4-Dichlorophenol	ND	6.3	2.2	ug/L	03/07/13	DD	SW 8270
2,4-Dimethylphenol	ND	6.3	1.6	ug/L	03/07/13	DD	SW 8270
2,4-Dinitrophenol	ND	31	4.4	ug/L	03/07/13	DD	SW 8270
2,4-Dinitrotoluene	ND	6.3	2.5	ug/L	03/07/13	DD	SW 8270
2,6-Dinitrotoluene	ND	6.3	2.0	ug/L	03/07/13	DD	SW 8270
2-Chloronaphthalene	ND	6.3	1.8	ug/L	03/07/13	DD	SW 8270
2-Chlorophenol	ND	6.3	1.8	ug/L	03/07/13	DD	SW 8270
2-Methylnaphthalene	ND	6.3	1.9	ug/L	03/07/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	6.3	2.9	ug/L	03/07/13	DD	SW 8270
2-Nitroaniline	ND	31	6.3	ug/L	03/07/13	DD	SW 8270
2-Nitrophenol	ND	6.3	4.0	ug/L	03/07/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	6.3	2.5	ug/L	03/07/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	13	3.0	ug/L	03/07/13	DD	SW 8270
3-Nitroaniline	ND	31	14	ug/L	03/07/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	31	6.7	ug/L	03/07/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	6.3	1.8	ug/L	03/07/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	6.3	2.2	ug/L	03/07/13	DD	SW 8270
4-Chloroaniline	ND	13	2.9	ug/L	03/07/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	6.3	2.1	ug/L	03/07/13	DD	SW 8270
4-Nitroaniline	ND	31	2.1	ug/L	03/07/13	DD	SW 8270
4-Nitrophenol	ND	31	2.8	ug/L	03/07/13	DD	SW 8270
Acenaphthene	ND	6.3	1.9	ug/L	03/07/13	DD	SW 8270
Acetophenone	ND	6.3	2.0	ug/L	03/07/13	DD	SW 8270
Aniline	ND	31	19	ug/L	03/07/13	DD	SW 8270
Anthracene	ND	6.3	2.1	ug/L	03/07/13	DD	SW 8270
Benzidine	ND	13	3.7	ug/L	03/07/13	DD	SW 8270
Benzoic acid	ND	31	13	ug/L	03/07/13	DD	SW 8270
Benzyl butyl phthalate	ND	6.3	1.6	ug/L	03/07/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	6.3	1.7	ug/L	03/07/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	6.3	1.7	ug/L	03/07/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	6.3	1.7	ug/L	03/07/13	DD	SW 8270
Carbazole	ND	31	4.7	ug/L	03/07/13	DD	SW 8270
Dibenzofuran	ND	6.3	1.8	ug/L	03/07/13	DD	SW 8270
Diethyl phthalate	ND	6.3	2.0	ug/L	03/07/13	DD	SW 8270
Dimethylphthalate	ND	6.3	1.9	ug/L	03/07/13	DD	SW 8270
Di-n-butylphthalate	ND	6.3	1.7	ug/L	03/07/13	DD	SW 8270
Di-n-octylphthalate	ND	6.3	1.6	ug/L	03/07/13	DD	SW 8270
Fluoranthene	ND	6.3	2.0	ug/L	03/07/13	DD	SW 8270
Fluorene	ND	6.3	2.1	ug/L	03/07/13	DD	SW 8270
Hexachlorobutadiene	ND	6.3	2.3	ug/L	03/07/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	6.3	1.9	ug/L	03/07/13	DD	SW 8270
Isophorone	ND	6.3	1.8	ug/L	03/07/13	DD	SW 8270
Naphthalene	ND	6.3	1.8	ug/L	03/07/13	DD	SW 8270
Nitrobenzene	ND	6.3	2.2	ug/L	03/07/13	DD	SW 8270
N-Nitrosodimethylamine	ND	6.3	1.8	ug/L	03/07/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	6.3	2.0	ug/L	03/07/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	6.3	2.4	ug/L	03/07/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Phenol	ND	6.3	2.0	ug/L	03/07/13	DD	SW 8270
Pyrene	ND	6.3	2.2	ug/L	03/07/13	DD	SW 8270
Pyridine	ND	13	1.5	ug/L	03/07/13	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	73			%	03/07/13	DD	19 - 122 %
% 2-Fluorobiphenyl	81			%	03/07/13	DD	30 - 115 %
% 2-Fluorophenol	29			%	03/07/13	DD	25 - 121 %
% Nitrobenzene-d5	96			%	03/07/13	DD	23 - 120 %
% Phenol-d5	30			%	03/07/13	DD	24 - 113 %
% Terphenyl-d14	87			%	03/07/13	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	1.9	1.9	ug/L	03/06/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.13	0.13	ug/L	03/06/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.063	0.050	0.050	ug/L	03/06/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.13	0.13	ug/L	03/06/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.080	0.075	ug/L	03/06/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.13	0.13	ug/L	03/06/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.13	0.13	ug/L	03/06/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	2.0	1.8	ug/L	03/06/13	DD	SW8270 (SIM)
Chrysene	ND	0.13	0.13	ug/L	03/06/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.13	0.13	ug/L	03/06/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.075	0.075	ug/L	03/06/13	DD	SW8270 (SIM)
Hexachloroethane	ND	3.0	1.9	ug/L	03/06/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.13	0.13	ug/L	03/06/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.13	2.3	ug/L	03/06/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	1.0	2.4	ug/L	03/06/13	DD	SW8270 (SIM)
Phenanthrene	0.13	0.13	0.13	ug/L	03/06/13	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	73			%	03/06/13	DD	19 - 122 %
% 2-Fluorobiphenyl	81			%	03/06/13	DD	30 - 115 %
% 2-Fluorophenol	29			%	03/06/13	DD	25 - 121 %
% Nitrobenzene-d5	96			%	03/06/13	DD	23 - 120 %
% Phenol-d5	30			%	03/06/13	DD	24 - 113 %
% Terphenyl-d14	87			%	03/06/13	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	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 LOD=Limit of Detection MDL=Method Detection Limit

Comments:

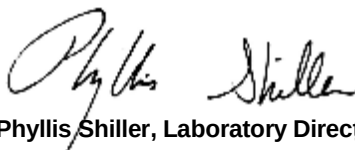
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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.

* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

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

March 15, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

March 15, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G
Environmental Business Consulta
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: SB
Received by: LB
Analyzed by: see "By" below

Date Time
02/28/13 0:00
03/01/13 16:37

Laboratory Data

SDG ID: GBD41823
Phoenix ID: BD41827

Project ID: 871 GRAND ST.
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.005	0.005	0.0006	mg/L	03/04/13	LK	SW6010
Aluminum	215	0.10	0.024	mg/L	03/04/13	EK	SW6010
Arsenic - LDL	0.038	0.004	0.001	mg/L	03/04/13	LK	SW6010
Barium	1.79	0.010	0.0003	mg/L	03/04/13	LK	SW6010
Beryllium	0.011	0.001	0.001	mg/L	03/04/13	EK	SW6010
Calcium	46.5	0.010	0.003	mg/L	03/04/13	EK	SW6010
Cadmium	0.006	* 0.004	0.0002	mg/L	03/04/13	LK	SW6010
Cobalt	0.088	0.005	0.0003	mg/L	03/04/13	LK	SW6010
Chromium	0.295	0.001	0.0009	mg/L	03/04/13	EK	SW6010
Copper	0.400	0.005	0.001	mg/L	03/04/13	LK	SW6010
Silver (Dissolved)	< 0.005	0.005	0.0008	mg/L	03/01/13	LK	SW6010
Aluminum (Dissolved)	1.44	0.01	0.005	mg/L	03/01/13	EK	SW6010
Arsenic, (Dissolved)	< 0.003	0.003	0.004	mg/L	03/01/13	LK	SW6010
Barium (Dissolved)	0.043	0.011	0.001	mg/L	03/01/13	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	03/01/13	EK	SW6010
Calcium (Dissolved)	38.8	0.01	0.01	mg/L	03/01/13	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	03/01/13	LK	SW6010
Cobalt, (Dissolved)	0.001	B 0.005	0.0009	mg/L	03/01/13	LK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.0008	mg/L	03/01/13	EK	SW6010
Copper, (Dissolved)	0.001	B 0.005	0.0004	mg/L	03/01/13	LK	SW6010
Iron, (Dissolved)	1.02	0.01	0.01	mg/L	03/01/13	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	03/04/13	RS	SW7470
Potassium (Dissolved)	2.7	0.1	0.01	mg/L	03/01/13	EK	SW6010
Magnesium (Dissolved)	15.2	0.01	0.01	mg/L	03/01/13	EK	SW6010
Manganese, (Dissolved)	1.07	0.005	0.0005	mg/L	03/01/13	LK	SW6010
Sodium (Dissolved)	17.6	0.11	0.01	mg/L	03/01/13	EK	SW6010
Nickel, (Dissolved)	0.005	0.004	0.0005	mg/L	03/01/13	LK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.0018	mg/L	03/01/13	EK	SW6010

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	03/14/13	RS	7010
Selenium, (Dissolved)	0.004	B 0.004	0.002	mg/L	03/14/13	RS	7010
Thallium , (Dissolved)	< 0.002	0.002		mg/L	03/14/13	RS	7010
Vanadium, (Dissolved)	0.00	B 0.01	0.0003	mg/L	03/01/13	LK	SW6010
Zinc, (Dissolved)	0.004	B 0.011	0.0012	mg/L	03/01/13	LK	SW6010
Iron	264	0.10	0.050	mg/L	03/04/13	LK	SW6010
Mercury	< 0.0002	0.0002	0.00015	mg/L	03/04/13	RS	SW7470
Potassium	17.2	0.1	0.1	mg/L	03/04/13	EK	SW6010
Magnesium	39.5	0.01	0.001	mg/L	03/04/13	EK	SW6010
Manganese	9.33	0.050	0.010	mg/L	03/04/13	LK	SW6010
Sodium	20.9	0.1	0.1	mg/L	03/04/13	EK	SW6010
Nickel	0.282	0.004	0.0005	mg/L	03/04/13	LK	SW6010
Lead	0.079	0.002	0.001	mg/L	03/04/13	EK	SW6010
Antimony	< 0.030	0.030	0.030	mg/L	03/14/13	RS	7010
Selenium	< 0.040	0.040	0.020	mg/L	03/14/13	RS	7010
Thallium - LDL	< 0.002	0.002		mg/L	03/14/13	RS	7010
Vanadium	0.39	0.01	0.001	mg/L	03/04/13	LK	SW6010
Zinc	0.374	0.010	0.001	mg/L	03/04/13	LK	SW6010
Filtration	Completed				03/01/13	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				03/04/13	X/X	SW7470
Mercury Digestion	Completed				03/04/13	X/X	SW7470
PCB Extraction	Completed				03/01/13	L/T	SW3510C
Extraction for Pest (2 Liter)	Completed				03/01/13	L	SW3510
Semi-Volatile Extraction	Completed				03/01/13	I/K/D	SW3520
Dissolved Metals Preparation	Completed				03/01/13	AG	SW846-3005
Total Metals Digestion	Completed				03/01/13	AG	

Polychlorinated Biphenyls

PCB-1016	ND	0.053	ug/L	03/14/13	AW	8082
PCB-1221	ND	0.053	ug/L	03/14/13	AW	8082
PCB-1232	ND	0.053	ug/L	03/14/13	AW	8082
PCB-1242	ND	0.053	ug/L	03/14/13	AW	8082
PCB-1248	ND	0.053	ug/L	03/14/13	AW	8082
PCB-1254	ND	0.053	ug/L	03/14/13	AW	8082
PCB-1260	ND	0.053	ug/L	03/14/13	AW	8082
PCB-1262	ND	0.053	ug/L	03/14/13	AW	8082
PCB-1268	ND	0.053	ug/L	03/14/13	AW	8082

QA/QC Surrogates

% DCBP	39		%	03/14/13	AW	30 - 150 %
% TCMX	65		%	03/14/13	AW	30 - 150 %

Pesticides

4,4' -DDD	ND	0.053	ug/L	03/05/13	KCA	SW8081
4,4' -DDE	ND	0.053	ug/L	03/05/13	KCA	SW8081
4,4' -DDT	ND	0.053	ug/L	03/05/13	KCA	SW8081
a-BHC	ND	0.026	ug/L	03/05/13	KCA	SW8081
Alachlor	ND	0.079	ug/L	03/05/13	KCA	SW8081
Aldrin	ND	0.002	ug/L	03/05/13	KCA	SW8081
b-BHC	ND	0.005	ug/L	03/05/13	KCA	SW8081
Chlordane	ND	0.32	ug/L	03/05/13	KCA	SW8081

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
d-BHC	ND	0.026		ug/L	03/05/13	KCA	SW8081
Dieldrin	0.018	0.002		ug/L	03/05/13	KCA	SW8081
Endosulfan I	ND	0.053		ug/L	03/05/13	KCA	SW8081
Endosulfan II	ND	0.053		ug/L	03/05/13	KCA	SW8081
Endosulfan Sulfate	ND	0.053		ug/L	03/05/13	KCA	SW8081
Endrin	ND	0.053		ug/L	03/05/13	KCA	SW8081
Endrin Aldehyde	ND	0.053		ug/L	03/05/13	KCA	SW8081
Endrin ketone	ND	0.053		ug/L	03/05/13	KCA	SW8081
g-BHC (Lindane)	ND	0.026		ug/L	03/05/13	KCA	SW8081
Heptachlor	ND	0.026		ug/L	03/05/13	KCA	SW8081
Heptachlor epoxide	ND	0.026		ug/L	03/05/13	KCA	SW8081
Methoxychlor	ND	0.10		ug/L	03/05/13	KCA	SW8081
Toxaphene	ND	1.0		ug/L	03/05/13	KCA	SW8081

QA/QC Surrogates

%DCBP (Surrogate Rec)	38			%	03/05/13	KCA	30 - 150 %
%TCMX (Surrogate Rec)	66			%	03/05/13	KCA	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	03/03/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	03/03/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
1,2-Dichloroethane	ND	2.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	03/03/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
Acetone	0.71	JS 5.0	0.31	ug/L	03/03/13	H/T	SW8260
Acrolein	ND	5.0	0.95	ug/L	03/03/13	H/T	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	03/03/13	H/T	SW8260
Benzene	ND	0.70	0.19	ug/L	03/03/13	H/T	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260

1

Client ID: DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Bromodichloromethane	ND		1.0	0.16	ug/L	03/03/13	H/T	SW8260
Bromoform	ND		5.0	0.10	ug/L	03/03/13	H/T	SW8260
Bromomethane	0.25	J	5.0	0.25	ug/L	03/03/13	H/T	SW8260
Carbon Disulfide	ND		1.0	0.24	ug/L	03/03/13	H/T	SW8260
Carbon tetrachloride	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Chlorobenzene	ND		5.0	0.20	ug/L	03/03/13	H/T	SW8260
Chloroethane	ND		5.0	0.24	ug/L	03/03/13	H/T	SW8260
Chloroform	1.2	J	5.0	0.22	ug/L	03/03/13	H/T	SW8260
Chloromethane	ND		5.0	0.21	ug/L	03/03/13	H/T	SW8260
cis-1,2-Dichloroethene	2.5		1.0	0.23	ug/L	03/03/13	H/T	SW8260
cis-1,3-Dichloropropene	ND		1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromochloromethane	ND		1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromomethane	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	03/03/13	H/T	SW8260
Ethylbenzene	ND		1.0	0.19	ug/L	03/03/13	H/T	SW8260
Hexachlorobutadiene	ND		1.0	0.13	ug/L	03/03/13	H/T	SW8260
Isopropylbenzene	ND		1.0	0.22	ug/L	03/03/13	H/T	SW8260
m&p-Xylene	ND		1.0	0.42	ug/L	03/03/13	H/T	SW8260
Methyl ethyl ketone	ND		1.0	0.50	ug/L	03/03/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	03/03/13	H/T	SW8260
Methylene chloride	ND		3.0	0.16	ug/L	03/03/13	H/T	SW8260
Naphthalene	ND		1.0	0.19	ug/L	03/03/13	H/T	SW8260
n-Butylbenzene	ND		1.0	0.22	ug/L	03/03/13	H/T	SW8260
n-Propylbenzene	ND		1.0	0.20	ug/L	03/03/13	H/T	SW8260
o-Xylene	ND		1.0	0.45	ug/L	03/03/13	H/T	SW8260
p-Isopropyltoluene	ND		1.0	0.21	ug/L	03/03/13	H/T	SW8260
sec-Butylbenzene	ND		1.0	0.22	ug/L	03/03/13	H/T	SW8260
Styrene	ND		1.0	0.41	ug/L	03/03/13	H/T	SW8260
tert-Butylbenzene	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Tetrachloroethene	18		1.0	0.24	ug/L	03/03/13	H/T	SW8260
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	03/03/13	H/T	SW8260
Toluene	ND		1.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,3-Dichloropropene	ND		1.0	0.14	ug/L	03/03/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	03/03/13	H/T	SW8260
Trichloroethene	10		1.0	0.18	ug/L	03/03/13	H/T	SW8260
Trichlorofluoromethane	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	03/03/13	H/T	SW8260
Vinyl chloride	ND		1.0	0.14	ug/L	03/03/13	H/T	SW8260
<u>QA/QC Surrogates</u>								
% 1,2-dichlorobenzene-d4	99				%	03/03/13	H/T	70 - 121 %
% Bromofluorobenzene	94				%	03/03/13	H/T	59 - 113 %
% Dibromofluoromethane	104				%	03/03/13	H/T	70 - 130 %
% Toluene-d8	98				%	03/03/13	H/T	84 - 138 %
<u>Semivolatiles</u>								
1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	03/05/13	DD	SW 8270
1,2-Dichlorobenzene	ND		5.0	1.4	ug/L	03/05/13	DD	SW 8270
1,2-Diphenylhydrazine	ND		5.0	1.6	ug/L	03/05/13	DD	SW 8270
1,3-Dichlorobenzene	ND		5.0	1.5	ug/L	03/05/13	DD	SW 8270

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	5.0	2.7	ug/L	03/05/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
2,4-Dichlorophenol	ND	5.0	1.8	ug/L	03/05/13	DD	SW 8270
2,4-Dimethylphenol	ND	5.0	1.2	ug/L	03/05/13	DD	SW 8270
2,4-Dinitrophenol	ND	25	3.5	ug/L	03/05/13	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	03/05/13	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
2-Chlorophenol	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	5.0	2.4	ug/L	03/05/13	DD	SW 8270
2-Nitroaniline	ND	25	5.1	ug/L	03/05/13	DD	SW 8270
2-Nitrophenol	ND	5.0	3.2	ug/L	03/05/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	03/05/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	10	2.4	ug/L	03/05/13	DD	SW 8270
3-Nitroaniline	ND	25	11	ug/L	03/05/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	25	5.4	ug/L	03/05/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	5.0	1.8	ug/L	03/05/13	DD	SW 8270
4-Chloroaniline	ND	10	2.3	ug/L	03/05/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	03/05/13	DD	SW 8270
4-Nitroaniline	ND	25	1.7	ug/L	03/05/13	DD	SW 8270
4-Nitrophenol	ND	25	2.3	ug/L	03/05/13	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Aniline	ND	25	15	ug/L	03/05/13	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Benzidine	ND	10	2.9	ug/L	03/05/13	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	03/05/13	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	03/05/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	03/05/13	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	03/05/13	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	03/05/13	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	03/05/13	DD	SW 8270
Hexachlorobutadiene	ND	5.0	1.8	ug/L	03/05/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	03/05/13	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
Nitrobenzene	ND	5.0	1.8	ug/L	03/05/13	DD	SW 8270
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	03/05/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	03/05/13	DD	SW 8270

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Phenol	ND	5.0	1.6	ug/L	03/05/13	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	03/05/13	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	03/05/13	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	92			%	03/05/13	DD	19 - 122 %
% 2-Fluorobiphenyl	83			%	03/05/13	DD	30 - 115 %
% 2-Fluorophenol	59			%	03/05/13	DD	25 - 121 %
% Nitrobenzene-d5	95			%	03/05/13	DD	23 - 120 %
% Phenol-d5	62			%	03/05/13	DD	24 - 113 %
% Terphenyl-d14	93			%	03/05/13	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	1.5	1.5	ug/L	03/04/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.040	0.040	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.064	0.060	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	1.4	ug/L	03/04/13	DD	SW8270 (SIM)
Chrysene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	0.060	ug/L	03/04/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	1.5	ug/L	03/04/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	1.9	ug/L	03/04/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	1.9	ug/L	03/04/13	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	03/04/13	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	92			%	03/04/13	DD	19 - 122 %
% 2-Fluorobiphenyl	83			%	03/04/13	DD	30 - 115 %
% 2-Fluorophenol	59			%	03/04/13	DD	25 - 121 %
% Nitrobenzene-d5	95			%	03/04/13	DD	23 - 120 %
% Phenol-d5	62			%	03/04/13	DD	24 - 113 %
% Terphenyl-d14	93			%	03/04/13	DD	18 - 137 %

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	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 LOD=Limit of Detection MDL=Method Detection Limit

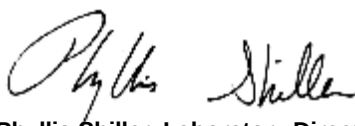
Comments:**DUPLICATE INCLUDED**

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

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.

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



Phyllis Shiller, Laboratory Director

March 15, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

March 15, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G
Environmental Business Consulta
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: SB
Received by: LB
Analyzed by: see "By" below

Date Time
02/28/13 0:00
03/01/13 16:37

Laboratory Data

SDG ID: GBD41823
Phoenix ID: BD41828

Project ID: 871 GRAND ST.
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	03/03/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	03/03/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	03/03/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
1,2-Dichloroethane	ND	2.0	0.20	ug/L	03/03/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	03/03/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	03/03/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
Acetone	0.99 JS	5.0	0.31	ug/L	03/03/13	H/T	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acrolein	ND	5.0	0.95	ug/L	03/03/13	H/T	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	03/03/13	H/T	SW8260
Benzene	ND	0.70	0.19	ug/L	03/03/13	H/T	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	03/03/13	H/T	SW8260
Bromoform	ND	5.0	0.10	ug/L	03/03/13	H/T	SW8260
Bromomethane	ND	5.0	0.25	ug/L	03/03/13	H/T	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	03/03/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	03/03/13	H/T	SW8260
Chloroethane	ND	5.0	0.24	ug/L	03/03/13	H/T	SW8260
Chloroform	ND	5.0	0.22	ug/L	03/03/13	H/T	SW8260
Chloromethane	ND	5.0	0.21	ug/L	03/03/13	H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	03/03/13	H/T	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	03/03/13	H/T	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
Hexachlorobutadiene	ND	1.0	0.13	ug/L	03/03/13	H/T	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	03/03/13	H/T	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	03/03/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	03/03/13	H/T	SW8260
Naphthalene	ND	1.0	0.19	ug/L	03/03/13	H/T	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
o-Xylene	ND	1.0	0.45	ug/L	03/03/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	03/03/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	03/03/13	H/T	SW8260
Styrene	ND	1.0	0.41	ug/L	03/03/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	03/03/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	03/03/13	H/T	SW8260
Toluene	ND	1.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	03/03/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	1.0	0.14	ug/L	03/03/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	03/03/13	H/T	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	03/03/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	03/03/13	H/T	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	03/03/13	H/T	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98			%	03/03/13	H/T	70 - 121 %
% Bromofluorobenzene	91			%	03/03/13	H/T	59 - 113 %
% Dibromofluoromethane	103			%	03/03/13	H/T	70 - 130 %
% Toluene-d8	98			%	03/03/13	H/T	84 - 138 %

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	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

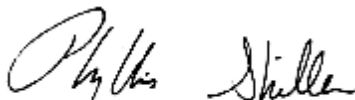
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED

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

March 15, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Friday, March 15, 2013

Requested Criteria: 375, 375RS

State: NY

Sample Criteria Exceedences Report

GBD41823 - EBC

Page 1 of 1

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

*** No Data to Display ***

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



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

March 15, 2013

SDG I.D.: GBD41823

871 GRAND ST.

Conformance / Non-Conformance Summary

Polychlorinated Biphenyls (PCBs):

General Comments:

The samples were analyzed using a dual column ECD GC. Data files are labeled date-seq-A for the "A" channel and date-seq-B for the "B" channel. Results for this SDG are reported from the "A" channel. An acid cleanup was performed on all extracts. The reporting levels (PQL) are based on the lowest calibration standard. In this case, a 50ppb standard was also used to detect PCBs at lower level. It is part of Phoenix Lab's procedure to dilute all soil extracts by a factor of ten prior to analysis.

Calibration:

As per the method, a five-point calibration of aroclors 1016 and 1260 is used to verify the linearity of all the aroclors. Aroclor 1254 was also analyzed as part of this run for verification. If any other aroclors had been detected, the samples would have been reanalyzed with that aroclor.

Form 2: Surrogate recoveries met criteria.

Form3: Matrix Spike/Matrix Spike Duplicate/Lab Control Sample (LCS/LCSD) met criteria

Form 6D : Initial Calibration Retention Times met criteria.

Form 6E: Initial Calibration (Factors and RSDs) met criteria

Form 7D: Calibration Verification met criteria.

Form 8: Retention Time sequence met criteria

Other observations:

Anil Makol
Project Manager

Date



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

March 15, 2013

SDG I.D.: GBD41823

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



Friday, March 01, 2013

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

Project ID: 871 GRAND ST., BROOKLYN
Sample ID#s: BD28790 - BD28803

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

Client: EBC
Project: 871 GRAND ST., BROOKLYN
Laboratory Project: GBD28790



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

March 01, 2013

SDG I.D.: GBD28790

EBC 871 GRAND ST., BROOKLYN

SDG Comments

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

BD28796 - The client prepared low level vial had either too little or too much soil. Phoenix prepared sample per method 5035.

BD28797 - The client prepared low level vial had either too little or too much soil. Phoenix prepared sample per method 5035.

BD28798 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BD28799 - The client prepared low level vial had either too little or too much soil. Phoenix prepared sample per method 5035.

BD28801 - The client prepared low level vial had either too little or too much soil. Phoenix prepared sample per method 5035.

Methodology Summary

Metals

ICP :

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

Mercury:

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

Pesticides:

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

Polychlorinated Biphenyls (PCBs):

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

Semivolatile Organic Compounds

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

Volatile Organics

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Method 8260B.



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

March 01, 2013

SDG I.D.: GBD28790

EBC 871 GRAND ST., BROOKLYN

Sample Id Cross Reference

Client Id	Lab Id	Matrix
B7 1-3	BD28790	SOIL
B7 12-14	BD28791	SOIL
B8 12-14	BD28792	SOIL
B8 38-40	BD28793	SOIL
B9 12-14	BD28794	SOIL
B10 12-14	BD28795	SOIL
B11 12-14	BD28796	SOIL
B11 38-40	BD28797	SOIL
B12 12-14	BD28798	SOIL
B12 38-40	BD28799	SOIL
B7 38-40	BD28800	SOIL
DUPLICATE	BD28801	SOIL
TRIP BLANK HI	BD28802	SOIL
TRIP BLANK LOW	BD28803	SOIL



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

March 01, 2013

SDG I.D.: GBD28790

EBC 871 GRAND ST., BROOKLYN

Laboratory Chronicle

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

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BD28790	Semivolatiles	02/06/13	02/07/13	02/08/13	DD	Y
BD28790	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28791	Aluminum	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Antimony	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Arsenic	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Barium	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Beryllium	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Cadmium	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Calcium	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Chromium	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Cobalt	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Copper	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Iron	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Lead	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Magnesium	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Manganese	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Mercury	02/06/13	02/08/13	02/08/13	RS	Y
BD28791	Nickel	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Pesticides - Soil	02/06/13	02/07/13	02/12/13	MH	Y
BD28791	Polychlorinated Biphenyls	02/06/13	02/07/13	02/11/13	AW	Y
BD28791	Potassium	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Selenium	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Semivolatiles	02/06/13	02/07/13	02/08/13	DD	Y
BD28791	Silver	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Sodium	02/06/13	02/07/13	02/11/13	EK	Y
BD28791	Thallium	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Vanadium	02/06/13	02/07/13	02/11/13	LK	Y
BD28791	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28791	Zinc	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Aluminum	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Antimony	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Arsenic	02/06/13	02/07/13	02/11/13	LK	Y



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



NY Analytical Services Protocol Format

March 01, 2013

SDG I.D.: GBD28790

EBC 871 GRAND ST., BROOKLYN

BD28792	Barium	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Beryllium	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Cadmium	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Calcium	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Chromium	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Cobalt	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Copper	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Iron	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Lead	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Magnesium	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Manganese	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Mercury	02/06/13	02/08/13	02/08/13	RS	Y
BD28792	Nickel	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Pesticides - Soil	02/06/13	02/07/13	02/12/13	MH	Y
BD28792	Polychlorinated Biphenyls	02/06/13	02/07/13	02/11/13	AW	Y
BD28792	Potassium	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Selenium	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Semivolatiles	02/06/13	02/07/13	02/08/13	DD	Y
BD28792	Silver	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Sodium	02/06/13	02/07/13	02/11/13	EK	Y
BD28792	Thallium	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Vanadium	02/06/13	02/07/13	02/11/13	LK	Y
BD28792	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28792	Zinc	02/06/13	02/07/13	02/11/13	LK	Y
BD28793	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28794	Aluminum	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Antimony	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Arsenic	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Barium	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Beryllium	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Cadmium	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Calcium	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Chromium	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Cobalt	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Copper	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Iron	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Lead	02/06/13	02/07/13	02/11/13	LK	Y



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



NY Analytical Services Protocol Format

March 01, 2013

SDG I.D.: GBD28790

EBC 871 GRAND ST., BROOKLYN

BD28794	Magnesium	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Manganese	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Mercury	02/06/13	02/08/13	02/08/13	RS	Y
BD28794	Nickel	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Pesticides - Soil	02/06/13	02/07/13	02/12/13	MH	Y
BD28794	Polychlorinated Biphenyls	02/06/13	02/07/13	02/11/13	AW	Y
BD28794	Potassium	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Selenium	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Semivolatiles	02/06/13	02/07/13	02/08/13	DD	Y
BD28794	Silver	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Sodium	02/06/13	02/07/13	02/11/13	EK	Y
BD28794	Thallium	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Vanadium	02/06/13	02/07/13	02/11/13	LK	Y
BD28794	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28794	Zinc	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Aluminum	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Antimony	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Arsenic	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Barium	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Beryllium	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Cadmium	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Calcium	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Chromium	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Cobalt	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Copper	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Iron	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Lead	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Magnesium	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Manganese	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Mercury	02/06/13	02/08/13	02/08/13	RS	Y
BD28795	Nickel	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Pesticides - Soil	02/06/13	02/07/13	02/12/13	MH	Y
BD28795	Polychlorinated Biphenyls	02/06/13	02/07/13	02/11/13	AW	Y
BD28795	Potassium	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Selenium	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Semivolatiles	02/06/13	02/07/13	02/08/13	DD	Y
BD28795	Silver	02/06/13	02/07/13	02/11/13	LK	Y



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



NY Analytical Services Protocol Format

March 01, 2013

SDG I.D.: GBD28790

EBC 871 GRAND ST., BROOKLYN

BD28795	Sodium	02/06/13	02/07/13	02/11/13	EK	Y
BD28795	Thallium	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Vanadium	02/06/13	02/07/13	02/11/13	LK	Y
BD28795	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28795	Zinc	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Aluminum	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Antimony	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Arsenic	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Barium	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Beryllium	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Cadmium	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Calcium	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Chromium	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Cobalt	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Copper	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Iron	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Lead	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Magnesium	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Manganese	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Mercury	02/06/13	02/08/13	02/08/13	RS	Y
BD28796	Nickel	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Pesticides - Soil	02/06/13	02/07/13	02/12/13	MH	Y
BD28796	Polychlorinated Biphenyls	02/06/13	02/07/13	02/11/13	AW	Y
BD28796	Potassium	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Selenium	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Semivolatiles	02/06/13	02/07/13	02/08/13	DD	Y
BD28796	Silver	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Sodium	02/06/13	02/07/13	02/11/13	EK	Y
BD28796	Thallium	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Vanadium	02/06/13	02/07/13	02/11/13	LK	Y
BD28796	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28796	Zinc	02/06/13	02/07/13	02/11/13	LK	Y
BD28797	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28798	Aluminum	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Antimony	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Arsenic	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Barium	02/06/13	02/07/13	02/11/13	LK	Y



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



NY Analytical Services Protocol Format

March 01, 2013

SDG I.D.: GBD28790

EBC 871 GRAND ST., BROOKLYN

BD28798	Beryllium	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Cadmium	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Calcium	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Chromium	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Cobalt	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Copper	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Iron	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Lead	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Magnesium	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Manganese	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Mercury	02/06/13	02/08/13	02/08/13	RS	Y
BD28798	Nickel	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Pesticides - Soil	02/06/13	02/07/13	02/12/13	MH	Y
BD28798	Polychlorinated Biphenyls	02/06/13	02/07/13	02/11/13	AW	Y
BD28798	Potassium	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Selenium	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Semivolatiles	02/06/13	02/07/13	02/08/13	DD	Y
BD28798	Silver	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Sodium	02/06/13	02/07/13	02/11/13	EK	Y
BD28798	Thallium	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Vanadium	02/06/13	02/07/13	02/11/13	LK	Y
BD28798	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28798	Zinc	02/06/13	02/07/13	02/11/13	LK	Y
BD28799	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28800	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28801	Aluminum	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Antimony	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Arsenic	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Barium	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Beryllium	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Cadmium	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Calcium	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Chromium	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Cobalt	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Copper	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Iron	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Lead	02/06/13	02/07/13	02/11/13	LK	Y



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



NY Analytical Services Protocol Format

March 01, 2013

SDG I.D.: GBD28790

EBC 871 GRAND ST., BROOKLYN

BD28801	Magnesium	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Manganese	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Mercury	02/06/13	02/08/13	02/08/13	RS	Y
BD28801	Nickel	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Pesticides - Soil	02/06/13	02/07/13	02/12/13	MH	Y
BD28801	Polychlorinated Biphenyls	02/06/13	02/07/13	02/11/13	AW	Y
BD28801	Potassium	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Selenium	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Semivolatiles	02/06/13	02/07/13	02/08/13	DD	Y
BD28801	Silver	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Sodium	02/06/13	02/07/13	02/11/13	EK	Y
BD28801	Thallium	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Vanadium	02/06/13	02/07/13	02/11/13	LK	Y
BD28801	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28801	Zinc	02/06/13	02/07/13	02/11/13	LK	Y
BD28802	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y
BD28803	Volatiles	02/06/13	02/12/13	02/12/13	R/J	Y



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28790

Project ID: 871 GRAND ST., BROOKLYN
Client ID: B7 1-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	81			%	02/07/13	JL	E160.3
Soil Extraction for SVOA	Completed				02/07/13	BJ/V	SW3545
Field Extraction	Completed				02/06/13		SW5035

Volatiles

1,1,1,2-Tetrachloroethane	ND		580	95	ug/Kg	02/12/13	R/J	SW8260	
1,1,1-Trichloroethane	ND		580	120	ug/Kg	02/12/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND		580	82	ug/Kg	02/12/13	R/J	SW8260	
1,1,2-Trichloroethane	180	J	580	57	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethane	ND		580	110	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethene	270	J	580	130	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloropropene	ND		580	110	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichlorobenzene	5900		580	78	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		580	82	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trichlorobenzene	21000	D	6500	69	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trimethylbenzene	630		580	84	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		580	160	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromoethane	ND		580	150	ug/Kg	02/12/13	R/J	SW8260	1P
1,2-Dichlorobenzene	44000	D	6500	64	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloroethane	120	J	580	51	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloropropane	ND		580	82	ug/Kg	02/12/13	R/J	SW8260	
1,3,5-Trimethylbenzene	220	J	580	77	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichlorobenzene	64000	D	6500	86	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichloropropane	ND		580	62	ug/Kg	02/12/13	R/J	SW8260	
1,4-Dichlorobenzene	44000	D	6500	92	ug/Kg	02/12/13	R/J	SW8260	
2,2-Dichloropropane	ND		580	98	ug/Kg	02/12/13	R/J	SW8260	
2-Chlorotoluene	ND		580	93	ug/Kg	02/12/13	R/J	SW8260	
2-Hexanone	ND		2900	260	ug/Kg	02/12/13	R/J	SW8260	
2-Isopropyltoluene	ND		580	80	ug/Kg	02/12/13	R/J	SW8260	

Client ID: B7 1-3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Chlorotoluene	ND	580	67	ug/Kg	02/12/13	R/J	SW8260
4-Methyl-2-pentanone	ND	2900	140	ug/Kg	02/12/13	R/J	SW8260
Acetone	ND	5800	580	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	1200	330	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	580	110	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	95	J 580	75	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	580	85	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	580	72	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	580	81	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	580	450	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	580	94	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	580	67	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	530	J 580	86	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	580	140	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	580	110	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	580	300	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	38000	D 6100	130	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	580	63	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	580	65	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	580	73	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	580	150	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	180	J 580	110	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	580	120	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	580	110	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	300	J 580	230	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	3500	500	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1200	160	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	210	JS 580	95	ug/Kg	02/12/13	R/J	SW8260
Naphthalene	590	580	160	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	120	J 580	110	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	180	J 580	100	ug/Kg	02/12/13	R/J	SW8260
o-Xylene	ND	580	220	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	180	J 580	84	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	240	J 580	110	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	580	170	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	580	93	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	36000	D 6100	120	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	1200	520	ug/Kg	02/12/13	R/J	SW8260
Toluene	790	580	92	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	1600	580	120	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	580	120	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	1200	1100	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	350000	D 27000	120	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	580	130	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	580	91	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	580	190	ug/Kg	02/12/13	R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	107			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	100			%	02/12/13	R/J	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Toluene-d8	143			%	02/12/13	R/J	84 - 138 %	3
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	2800	1400	ug/Kg	02/08/13	DD	SW 8270	
1,2,4-Trichlorobenzene	11000	2800	1200	ug/Kg	02/08/13	DD	SW 8270	
1,2-Dichlorobenzene	35000	2800	1100	ug/Kg	02/08/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270	
1,3-Dichlorobenzene	40000	2800	1200	ug/Kg	02/08/13	DD	SW 8270	
1,4-Dichlorobenzene	30000	2800	1200	ug/Kg	02/08/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	2800	2200	ug/Kg	02/08/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270	
2,4-Dichlorophenol	ND	2800	1400	ug/Kg	02/08/13	DD	SW 8270	
2,4-Dimethylphenol	ND	2800	1000	ug/Kg	02/08/13	DD	SW 8270	
2,4-Dinitrophenol	ND	4500	2800	ug/Kg	02/08/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	2800	1600	ug/Kg	02/08/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270	
2-Chloronaphthalene	ND	2800	1100	ug/Kg	02/08/13	DD	SW 8270	
2-Chlorophenol	ND	2800	1100	ug/Kg	02/08/13	DD	SW 8270	
2-Methylnaphthalene	2000	J 2800	1200	ug/Kg	02/08/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	2800	1900	ug/Kg	02/08/13	DD	SW 8270	
2-Nitroaniline	ND	4500	4100	ug/Kg	02/08/13	DD	SW 8270	
2-Nitrophenol	ND	2800	2600	ug/Kg	02/08/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	2800	1600	ug/Kg	02/08/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	5700	1900	ug/Kg	02/08/13	DD	SW 8270	
3-Nitroaniline	ND	4500	8800	ug/Kg	02/08/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2800	4400	ug/Kg	02/08/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	2800	1200	ug/Kg	02/08/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	2800	1400	ug/Kg	02/08/13	DD	SW 8270	
4-Chloroaniline	ND	5700	1900	ug/Kg	02/08/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	2800	1400	ug/Kg	02/08/13	DD	SW 8270	
4-Nitroaniline	ND	4500	1400	ug/Kg	02/08/13	DD	SW 8270	
4-Nitrophenol	ND	8200	1800	ug/Kg	02/08/13	DD	SW 8270	
Acenaphthene	ND	2800	1200	ug/Kg	02/08/13	DD	SW 8270	
Acenaphthylene	ND	2800	1100	ug/Kg	02/08/13	DD	SW 8270	
Acetophenone	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270	
Aniline	ND	8200	8200	ug/Kg	02/08/13	DD	SW 8270	
Anthracene	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270	
Benz(a)anthracene	1800	J 2800	1400	ug/Kg	02/08/13	DD	SW 8270	
Benzidine	ND	2800	2400	ug/Kg	02/08/13	DD	SW 8270	
Benzo(a)pyrene	2200	J 2800	1300	ug/Kg	02/08/13	DD	SW 8270	
Benzo(b)fluoranthene	4100	2800	1400	ug/Kg	02/08/13	DD	SW 8270	
Benzo(ghi)perylene	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270	
Benzo(k)fluoranthene	1600	J 2800	1300	ug/Kg	02/08/13	DD	SW 8270	
Benzoic acid	ND	8200	8100	ug/Kg	02/08/13	DD	SW 8270	10
Benzyl butyl phthalate	ND	2800	1000	ug/Kg	02/08/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	2800	1100	ug/Kg	02/08/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	2800	1100	ug/Kg	02/08/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	2800	1100	ug/Kg	02/08/13	DD	SW 8270	
Bis(2-ethylhexyl)phthalate	11000	2800	1200	ug/Kg	02/08/13	DD	SW 8270	
Carbazole	ND	8200	3100	ug/Kg	02/08/13	DD	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Chrysene	2700	J 2800	1400	ug/Kg	02/08/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270
Dibenzofuran	ND	2800	1200	ug/Kg	02/08/13	DD	SW 8270
Diethyl phthalate	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270
Dimethylphthalate	3000	2800	1300	ug/Kg	02/08/13	DD	SW 8270
Di-n-butylphthalate	ND	2800	1100	ug/Kg	02/08/13	DD	SW 8270
Di-n-octylphthalate	ND	2800	1000	ug/Kg	02/08/13	DD	SW 8270
Fluoranthene	3700	2800	1300	ug/Kg	02/08/13	DD	SW 8270
Fluorene	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobenzene	ND	2800	1200	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobutadiene	ND	2800	1500	ug/Kg	02/08/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	2800	1200	ug/Kg	02/08/13	DD	SW 8270
Hexachloroethane	ND	2800	1200	ug/Kg	02/08/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270
Isophorone	ND	2800	1100	ug/Kg	02/08/13	DD	SW 8270
Naphthalene	ND	2800	1200	ug/Kg	02/08/13	DD	SW 8270
Nitrobenzene	ND	2800	1400	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodimethylamine	ND	2800	1100	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	8200	1600	ug/Kg	02/08/13	DD	SW 8270
Pentachloronitrobenzene	ND	2800	1500	ug/Kg	02/08/13	DD	SW 8270
Pentachlorophenol	ND	2800	1500	ug/Kg	02/08/13	DD	SW 8270
Phenanthrene	3500	2800	1200	ug/Kg	02/08/13	DD	SW 8270
Phenol	ND	2800	1300	ug/Kg	02/08/13	DD	SW 8270
Pyrene	3800	2800	1400	ug/Kg	02/08/13	DD	SW 8270
Pyridine	ND	2800	1000	ug/Kg	02/08/13	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	102			%	02/08/13	DD	19 - 122 %
% 2-Fluorobiphenyl	88			%	02/08/13	DD	30 - 115 %
% 2-Fluorophenol	73			%	02/08/13	DD	25 - 121 %
% Nitrobenzene-d5	83			%	02/08/13	DD	23 - 120 %
% Phenol-d5	74			%	02/08/13	DD	24 - 113 %
% Terphenyl-d14	87			%	02/08/13	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	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.

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

3 = This parameter exceeds laboratory specified limits.

B = Present in blank, no bias suspected.

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

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

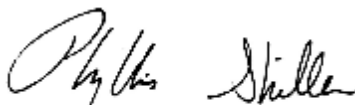
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

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

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28791

Project ID: 871 GRAND ST., BROOKLYN
Client ID: B7 12-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.22	mg/Kg	02/11/13	LK	SW6010
Aluminum	6830	37	7.4	mg/Kg	02/11/13	LK	SW6010
Arsenic	0.8	0.7	0.74	mg/Kg	02/11/13	LK	SW6010
Barium	44.2	0.7	0.15	mg/Kg	02/11/13	LK	SW6010
Beryllium	0.68	0.30	0.15	mg/Kg	02/11/13	LK	SW6010
Calcium	1560 N	3.7	3.4	mg/Kg	02/11/13	LK	SW6010
Cadmium	< 0.37	0.37	0.15	mg/Kg	02/11/13	LK	SW6010
Cobalt	11.0	0.37	0.15	mg/Kg	02/11/13	LK	SW6010
Chromium	19.7	0.37	0.15	mg/Kg	02/11/13	LK	SW6010
Copper	30.2	0.37	0.30	mg/kg	02/11/13	LK	SW6010
Iron	34900	37	37	mg/Kg	02/11/13	LK	SW6010
Mercury	< 0.09	0.09	0.05	mg/Kg	02/08/13	RS	SW-7471
Potassium	1210 N	7	2.9	mg/Kg	02/11/13	LK	SW6010
Magnesium	1920	3.7	0.22	mg/Kg	02/11/13	LK	SW6010
Manganese	637	3.7	1.5	mg/Kg	02/11/13	LK	SW6010
Sodium	332 N	7	3.2	mg/Kg	02/11/13	EK	SW6010 B
Nickel	13.9	0.37	0.15	mg/Kg	02/11/13	LK	SW6010
Lead	7.9	0.7	0.22	mg/Kg	02/11/13	LK	SW6010
Antimony	< 1.9	1.9	0.74	mg/Kg	02/11/13	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	02/11/13	LK	SW6010
Thallium	< 0.6	0.6	1.5	mg/Kg	02/11/13	LK	SW6010
Vanadium	43.0	0.4	0.15	mg/Kg	02/11/13	LK	SW6010
Zinc	32.0	0.7	0.37	mg/Kg	02/11/13	LK	SW6010
Percent Solid	92			%	02/07/13	JL	E160.3
Soil Extraction for PCB	Completed				02/07/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed				02/07/13	BB	SW3545
Soil Extraction for SVOA	Completed				02/07/13	BJ/V	SW3545
Mercury Digestion	Completed				02/08/13	X/X	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				02/07/13	AG	SW846 - 3050
Field Extraction	Completed				02/06/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	02/11/13	AW	SW 8082

QA/QC Surrogates

% DCBP	77			%	02/11/13	AW	30 - 150 %
% TCMX	71			%	02/11/13	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	02/12/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Methoxychlor	ND	7.2	7.2	ug/Kg	02/12/13	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	02/12/13	MH	SW8081

QA/QC Surrogates

% DCBP	73			%	02/12/13	MH	30 - 150 %
% TCMX	59			%	02/12/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.6	0.60	ug/Kg	02/12/13	R/J	SW8260
1,1,1-Trichloroethane	ND	3.6	0.73	ug/Kg	02/12/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.6	0.52	ug/Kg	02/12/13	R/J	SW8260
1,1,2-Trichloroethane	ND	3.6	0.36	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloroethane	ND	3.6	0.72	ug/Kg	02/12/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	3.6	0.79	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloropropene	ND	3.6	0.71	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	3.6	0.49	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichloropropane	ND	3.6	0.52	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	3.6	0.43	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	3.6	0.52	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	3.6	0.98	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromoethane	ND	3.6	0.97	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichlorobenzene	ND	3.6	0.40	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloroethane	ND	3.6	0.32	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloropropane	ND	3.6	0.52	ug/Kg	02/12/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	3.6	0.48	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichlorobenzene	ND	3.6	0.54	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichloropropane	ND	3.6	0.39	ug/Kg	02/12/13	R/J	SW8260
1,4-Dichlorobenzene	ND	3.6	0.58	ug/Kg	02/12/13	R/J	SW8260
2,2-Dichloropropane	ND	3.6	0.61	ug/Kg	02/12/13	R/J	SW8260
2-Chlorotoluene	ND	3.6	0.58	ug/Kg	02/12/13	R/J	SW8260
2-Hexanone	ND	18	1.6	ug/Kg	02/12/13	R/J	SW8260
2-Isopropyltoluene	ND	3.6	0.50	ug/Kg	02/12/13	R/J	SW8260
4-Chlorotoluene	ND	3.6	0.42	ug/Kg	02/12/13	R/J	SW8260
4-Methyl-2-pentanone	ND	18	0.87	ug/Kg	02/12/13	R/J	SW8260
Acetone	5.5 JSB	18	3.6	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	7.3	2.0	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	3.6	0.72	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	3.6	0.47	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	3.6	0.53	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	3.6	0.45	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	3.6	0.51	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	3.6	2.8	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	3.6	0.59	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	3.6	0.42	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	3.6	0.54	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	3.6	0.85	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	3.6	0.66	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	3.6	1.9	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	3.6	0.79	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	3.6	0.39	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	3.6	0.41	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	3.6	0.46	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	3.6	0.97	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	3.6	0.66	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	3.6	0.76	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	3.6	0.70	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	3.6	1.4	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	22	3.2	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	7.3	1.0	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	ND	3.6	0.60	ug/Kg	02/12/13	R/J	SW8260
Naphthalene	ND	3.6	0.98	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	3.6	0.66	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	3.6	0.66	ug/Kg	02/12/13	R/J	SW8260

1P

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	3.6	1.4	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	3.6	0.52	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	3.6	0.68	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	3.6	1.0	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	3.6	0.58	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	ND	3.6	0.76	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	7.3	3.3	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	3.6	0.58	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	3.6	0.73	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	3.6	0.74	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	7.3	6.8	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	2.1	J 3.6	0.77	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	3.6	0.81	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	3.6	0.57	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	3.6	1.2	ug/Kg	02/12/13	R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	100			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	102			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	100			%	02/12/13	R/J	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
1,3-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
1,4-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	02/08/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2,4-Dichlorophenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
2,4-Dimethylphenol	ND	250	88	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrophenol	ND	400	250	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	02/08/13	DD	SW 8270
2-Nitroaniline	ND	400	360	ug/Kg	02/08/13	DD	SW 8270
2-Nitrophenol	ND	250	220	ug/Kg	02/08/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	490	170	ug/Kg	02/08/13	DD	SW 8270
3-Nitroaniline	ND	400	770	ug/Kg	02/08/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	250	380	ug/Kg	02/08/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
4-Chloroaniline	ND	490	160	ug/Kg	02/08/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
4-Nitroaniline	ND	400	120	ug/Kg	02/08/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	720	160	ug/Kg	02/08/13	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Acenaphthylene	ND	250	99	ug/Kg	02/08/13	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Aniline	ND	720	710	ug/Kg	02/08/13	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benz(a)anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzydine	ND	250	210	ug/Kg	02/08/13	DD	SW 8270
Benzo(a)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(b)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(ghi)perylene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Benzo(k)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzoic acid	ND	720	710	ug/Kg	02/08/13	DD	SW 8270
Benzyl butyl phthalate	ND	250	91	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	95	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	98	ug/Kg	02/08/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Carbazole	ND	720	270	ug/Kg	02/08/13	DD	SW 8270
Chrysene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Di-n-butylphthalate	ND	250	94	ug/Kg	02/08/13	DD	SW 8270
Di-n-octylphthalate	ND	250	91	ug/Kg	02/08/13	DD	SW 8270
Fluoranthene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Isophorone	ND	250	99	ug/Kg	02/08/13	DD	SW 8270
Naphthalene	110	J 250	100	ug/Kg	02/08/13	DD	SW 8270
Nitrobenzene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	720	140	ug/Kg	02/08/13	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Pentachlorophenol	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Phenanthrene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Phenol	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Pyridine	ND	250	87	ug/Kg	02/08/13	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	96			%	02/08/13	DD	19 - 122 %
% 2-Fluorobiphenyl	88			%	02/08/13	DD	30 - 115 %
% 2-Fluorophenol	76			%	02/08/13	DD	25 - 121 %
% Nitrobenzene-d5	89			%	02/08/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	76			%	02/08/13	DD	24 - 113 %
% Terphenyl-d14	96			%	02/08/13	DD	18 - 137 %

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

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

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

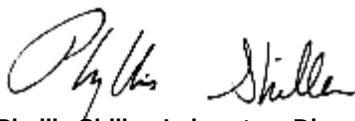
Comments:

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.

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



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28792

Project ID: 871 GRAND ST., BROOKLYN
Client ID: B8 12-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34	0.34	0.20	mg/Kg	02/11/13	LK	SW6010
Aluminum	6210	34	6.7	mg/Kg	02/11/13	LK	SW6010
Arsenic	0.9	0.7	0.67	mg/Kg	02/11/13	LK	SW6010
Barium	29.6	0.7	0.13	mg/Kg	02/11/13	LK	SW6010
Beryllium	0.39	0.27	0.13	mg/Kg	02/11/13	LK	SW6010
Calcium	521 N	3.4	3.1	mg/Kg	02/11/13	LK	SW6010
Cadmium	< 0.34	0.34	0.13	mg/Kg	02/11/13	LK	SW6010
Cobalt	4.27	0.34	0.13	mg/Kg	02/11/13	LK	SW6010
Chromium	14.2	0.34	0.13	mg/Kg	02/11/13	LK	SW6010
Copper	10.1	0.34	0.27	mg/kg	02/11/13	LK	SW6010
Iron	16600	34	34	mg/Kg	02/11/13	LK	SW6010
Mercury	< 0.08	0.08	0.05	mg/Kg	02/08/13	RS	SW-7471
Potassium	1180 N	7	2.6	mg/Kg	02/11/13	LK	SW6010
Magnesium	1460	3.4	0.20	mg/Kg	02/11/13	LK	SW6010
Manganese	262	3.4	1.3	mg/Kg	02/11/13	LK	SW6010
Sodium	88 N	7	2.9	mg/Kg	02/11/13	EK	SW6010
Nickel	8.58	0.34	0.13	mg/Kg	02/11/13	LK	SW6010
Lead	4.7	0.7	0.20	mg/Kg	02/11/13	LK	SW6010
QC for Mercury	Completed				02/08/13		
QC for ICP	Completed				02/08/13		SW6010
Antimony	< 1.7	1.7	0.67	mg/Kg	02/11/13	LK	SW6010
Selenium	< 1.3	1.3	1.1	mg/Kg	02/11/13	LK	SW6010
Thallium	< 0.5	0.5	1.3	mg/Kg	02/11/13	LK	SW6010
Vanadium	21.2	0.3	0.13	mg/Kg	02/11/13	LK	SW6010
Zinc	22.6	0.7	0.34	mg/Kg	02/11/13	LK	SW6010
Percent Solid	93			%	02/07/13	JL	E160.3
Soil Extraction for PCB	Completed				02/07/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed				02/07/13	BB	SW3545

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Soil Extraction for SVOA	Completed				02/07/13	BJ/V	SW3545
Mercury Digestion MS/MSD	Completed				02/08/13		SW7471
Mercury Digestion	Completed				02/08/13	X/X	SW7471
MS/MSD Ext. For PCB	Completed				02/07/13		
MS/MSD Ext. for Pesticide	Completed				02/07/13		
MS/MSD Ext. for Semi-Vol.	Completed				02/08/13		
Total Metals Digest MS/MSD	Completed				02/08/13		
Total Metals Digest	Completed				02/07/13	AG	SW846 - 3050
Field Extraction	Completed				02/06/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	02/11/13	AW	SW 8082

QA/QC Surrogates

% DCBP	83			%	02/11/13	AW	30 - 150 %
% TCMX	73			%	02/11/13	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.5	2.5	ug/Kg	02/12/13	MH	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	02/12/13	MH	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	02/12/13	MH	SW8081
α-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
α-Chlordane	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
β-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Chlordane	ND	21	21	ug/Kg	02/12/13	MH	SW8081
δ-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
γ-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
γ-Chlordane	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Methoxychlor	ND	7.0	7.0	ug/Kg	02/12/13	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	02/12/13	MH	SW8081

QA/QC Surrogates

% DCBP	73			%	02/12/13	MH	30 - 150 %
% TCMX	53			%	02/12/13	MH	30 - 150 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
QC for PCB	Completed				02/08/13	AW	
QC for Pesticides	Completed				02/13/13	AW	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.5	0.74	ug/Kg	02/12/13	R/J	SW8260
1,1,1-Trichloroethane	ND	4.5	0.90	ug/Kg	02/12/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.5	0.64	ug/Kg	02/12/13	R/J	SW8260
1,1,2-Trichloroethane	ND	4.5	0.44	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloroethane	ND	4.5	0.89	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloroethene	ND	4.5	0.98	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloropropene	ND	4.5	0.88	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.5	0.61	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichloropropane	ND	4.5	0.64	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.5	0.53	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.5	0.65	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.5	1.2	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromoethane	ND	4.5	1.2	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichlorobenzene	ND	4.5	0.50	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloroethane	ND	4.5	0.40	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloropropane	ND	4.5	0.64	ug/Kg	02/12/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.5	0.60	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichlorobenzene	ND	4.5	0.67	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichloropropane	ND	4.5	0.48	ug/Kg	02/12/13	R/J	SW8260
1,4-Dichlorobenzene	ND	4.5	0.71	ug/Kg	02/12/13	R/J	SW8260
2,2-Dichloropropane	ND	4.5	0.76	ug/Kg	02/12/13	R/J	SW8260
2-Chlorotoluene	ND	4.5	0.72	ug/Kg	02/12/13	R/J	SW8260
2-Hexanone	ND	23	2.0	ug/Kg	02/12/13	R/J	SW8260
2-Isopropyltoluene	ND	4.5	0.62	ug/Kg	02/12/13	R/J	SW8260
4-Chlorotoluene	ND	4.5	0.52	ug/Kg	02/12/13	R/J	SW8260
4-Methyl-2-pentanone	ND	23	1.1	ug/Kg	02/12/13	R/J	SW8260
Acetone	12 JSB	23	4.5	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	9.0	2.5	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	4.5	0.89	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	4.5	0.59	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	4.5	0.66	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	4.5	0.56	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	4.5	0.63	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	4.5	3.5	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	4.5	0.73	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	4.5	0.52	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	4.5	0.67	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	4.5	1.1	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	4.5	0.82	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	4.5	2.4	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	1.3 J	4.5	0.98	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	4.5	0.49	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	4.5	0.51	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	4.5	0.57	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	4.5	1.2	ug/Kg	02/12/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Ethylbenzene	ND	4.5	0.82	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	4.5	0.95	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	4.5	0.87	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	4.5	1.8	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	27	3.9	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.0	1.2	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	ND	4.5	0.74	ug/Kg	02/12/13	R/J	SW8260
Naphthalene	ND	4.5	1.2	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	4.5	0.82	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	4.5	0.81	ug/Kg	02/12/13	R/J	SW8260
o-Xylene	ND	4.5	1.7	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	4.5	0.65	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	4.5	0.85	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	4.5	1.3	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	4.5	0.72	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	1.5 J	4.5	0.95	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	9.0	4.1	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	4.5	0.71	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	4.5	0.90	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	4.5	0.92	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.0	8.4	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	16	4.5	0.96	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	4.5	1.0	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	4.5	0.70	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	4.5	1.5	ug/Kg	02/12/13	R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	97			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	101			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	100			%	02/12/13	R/J	84 - 138 %
QC for Volatile	Completed				02/13/13	JH	
QC for Volatile	Completed				02/13/13	JH	
MS/MSD Volatiles	Completed				02/11/13		

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
1,3-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
1,4-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	02/08/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2,4-Dichlorophenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
2,4-Dimethylphenol	ND	250	88	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrophenol	ND	400	250	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
2-Chlorophenol	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	02/08/13	DD	SW 8270
2-Nitroaniline	ND	400	360	ug/Kg	02/08/13	DD	SW 8270
2-Nitrophenol	ND	250	220	ug/Kg	02/08/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	500	170	ug/Kg	02/08/13	DD	SW 8270
3-Nitroaniline	ND	400	770	ug/Kg	02/08/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	250	380	ug/Kg	02/08/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
4-Chloroaniline	ND	500	170	ug/Kg	02/08/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
4-Nitroaniline	ND	400	120	ug/Kg	02/08/13	DD	SW 8270
4-Nitrophenol	ND	720	160	ug/Kg	02/08/13	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Acenaphthylene	ND	250	99	ug/Kg	02/08/13	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Aniline	ND	720	720	ug/Kg	02/08/13	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benz(a)anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzidine	ND	250	210	ug/Kg	02/08/13	DD	SW 8270
Benzo(a)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(b)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(ghi)perylene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Benzo(k)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzoic acid	ND	720	710	ug/Kg	02/08/13	DD	SW 8270
Benzyl butyl phthalate	ND	250	91	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	96	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	02/08/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Carbazole	ND	720	270	ug/Kg	02/08/13	DD	SW 8270
Chrysene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Di-n-butylphthalate	ND	250	94	ug/Kg	02/08/13	DD	SW 8270
Di-n-octylphthalate	ND	250	91	ug/Kg	02/08/13	DD	SW 8270
Fluoranthene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Isophorone	ND	250	99	ug/Kg	02/08/13	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Nitrobenzene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270

1

10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
N-Nitrosodimethylamine	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	720	140	ug/Kg	02/08/13	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Pentachlorophenol	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Phenanthrene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Phenol	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Pyridine	ND	250	87	ug/Kg	02/08/13	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	96			%	02/08/13	DD	19 - 122 %
% 2-Fluorobiphenyl	86			%	02/08/13	DD	30 - 115 %
% 2-Fluorophenol	78			%	02/08/13	DD	25 - 121 %
% Nitrobenzene-d5	88			%	02/08/13	DD	23 - 120 %
% Phenol-d5	77			%	02/08/13	DD	24 - 113 %
% Terphenyl-d14	96			%	02/08/13	DD	18 - 137 %
QC for Semi-Volatile	Completed				02/11/13		

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

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

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

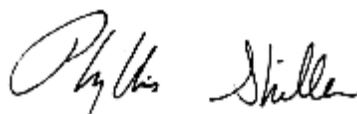
Comments:

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.

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



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28793

Project ID: 871 GRAND ST., BROOKLYN
Client ID: B8 38-40

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	91			%	02/07/13	JL	E160.3
Field Extraction	Completed				02/06/13		SW5035

Volatiles

1,1,1,2-Tetrachloroethane	ND	3.4	0.55	ug/Kg	02/12/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	3.4	0.67	ug/Kg	02/12/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.4	0.48	ug/Kg	02/12/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	3.4	0.33	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethane	ND	3.4	0.66	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethene	ND	3.4	0.73	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloropropene	ND	3.4	0.65	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	3.4	0.45	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	3.4	0.48	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	3.4	0.40	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	3.4	0.48	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	3.4	0.90	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromoethane	ND	3.4	0.89	ug/Kg	02/12/13	R/J	SW8260	IP
1,2-Dichlorobenzene	ND	3.4	0.37	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloroethane	ND	3.4	0.29	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloropropane	ND	3.4	0.48	ug/Kg	02/12/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	3.4	0.44	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	3.4	0.50	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichloropropane	ND	3.4	0.36	ug/Kg	02/12/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	3.4	0.53	ug/Kg	02/12/13	R/J	SW8260	
2,2-Dichloropropane	ND	3.4	0.56	ug/Kg	02/12/13	R/J	SW8260	
2-Chlorotoluene	ND	3.4	0.54	ug/Kg	02/12/13	R/J	SW8260	
2-Hexanone	ND	17	1.5	ug/Kg	02/12/13	R/J	SW8260	
2-Isopropyltoluene	ND	3.4	0.46	ug/Kg	02/12/13	R/J	SW8260	1
4-Chlorotoluene	ND	3.4	0.39	ug/Kg	02/12/13	R/J	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	17	0.80	ug/Kg	02/12/13	R/J	SW8260
Acetone	ND	17	3.3	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	6.7	1.9	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	3.4	0.66	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	3.4	0.44	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	3.4	0.49	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	3.4	0.42	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	3.4	0.47	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	3.4	2.6	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	3.4	0.54	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	3.4	0.39	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	3.4	0.50	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	3.4	0.78	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	3.4	0.61	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	3.4	1.8	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	3.4	0.73	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	3.4	0.36	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	3.4	0.38	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	3.4	0.42	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	3.4	0.89	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	3.4	0.61	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	3.4	0.70	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	3.4	0.64	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	3.4	1.3	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	20	2.9	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	6.7	0.93	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	ND	3.4	0.55	ug/Kg	02/12/13	R/J	SW8260
Naphthalene	ND	3.4	0.90	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	3.4	0.61	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	3.4	0.60	ug/Kg	02/12/13	R/J	SW8260
o-Xylene	ND	3.4	1.3	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	3.4	0.48	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	3.4	0.63	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	3.4	0.97	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	3.4	0.54	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	2.4	J 3.4	0.70	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	6.7	3.0	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	3.4	0.53	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	3.4	0.67	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	3.4	0.68	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	6.7	6.2	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	1.0	J 3.4	0.71	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	3.4	0.74	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	3.4	0.52	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	3.4	1.1	ug/Kg	02/12/13	R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	100			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	102			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	100			%	02/12/13	R/J	84 - 138 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	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.

1P = This parameter is pending certification by NY NELAC for this matrix.

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

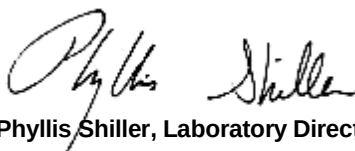
Comments:

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.

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



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28794

Project ID: 871 GRAND ST., BROOKLYN
Client ID: B9 12-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.32	0.32	0.19	mg/Kg	02/11/13	LK	SW6010
Aluminum	7230	32	6.5	mg/Kg	02/11/13	LK	SW6010
Arsenic	0.8	0.6	0.65	mg/Kg	02/11/13	LK	SW6010
Barium	29.0	0.6	0.13	mg/Kg	02/11/13	LK	SW6010
Beryllium	0.48	0.26	0.13	mg/Kg	02/11/13	LK	SW6010
Calcium	933 N	3.2	3.0	mg/Kg	02/11/13	LK	SW6010
Cadmium	< 0.32	0.32	0.13	mg/Kg	02/11/13	LK	SW6010
Cobalt	5.28	0.32	0.13	mg/Kg	02/11/13	LK	SW6010
Chromium	16.5	0.32	0.13	mg/Kg	02/11/13	LK	SW6010
Copper	13.0	0.32	0.26	mg/kg	02/11/13	LK	SW6010
Iron	24200	32	32	mg/Kg	02/11/13	LK	SW6010
Mercury	0.10	0.08	0.05	mg/Kg	02/08/13	RS	SW-7471
Potassium	1150 N	6	2.5	mg/Kg	02/11/13	LK	SW6010
Magnesium	1620	3.2	0.19	mg/Kg	02/11/13	LK	SW6010
Manganese	383	3.2	1.3	mg/Kg	02/11/13	LK	SW6010
Sodium	92 N	6	2.8	mg/Kg	02/11/13	EK	SW6010
Nickel	9.29	0.32	0.13	mg/Kg	02/11/13	LK	SW6010
Lead	15.4	0.6	0.19	mg/Kg	02/11/13	LK	SW6010
Antimony	< 1.6	1.6	0.65	mg/Kg	02/11/13	LK	SW6010
Selenium	< 1.3	1.3	1.1	mg/Kg	02/11/13	LK	SW6010
Thallium	< 0.5	0.5	1.3	mg/Kg	02/11/13	LK	SW6010
Vanadium	25.2	0.3	0.13	mg/Kg	02/11/13	LK	SW6010
Zinc	28.0	0.6	0.32	mg/Kg	02/11/13	LK	SW6010
Percent Solid	92			%	02/07/13	JL	E160.3
Soil Extraction for PCB	Completed				02/07/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed				02/07/13	BB	SW3545
Soil Extraction for SVOA	Completed				02/07/13	BJ/V	SW3545
Mercury Digestion	Completed				02/08/13	X/X	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				02/07/13	AG	SW846 - 3050
Field Extraction	Completed				02/06/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	02/11/13	AW	SW 8082

QA/QC Surrogates

% DCBP	71			%	02/11/13	AW	30 - 150 %
% TCMX	70			%	02/11/13	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	160	13	13	ug/Kg	02/12/13	MH	SW8081
4,4' -DDE	34	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
4,4' -DDT	140	13	13	ug/Kg	02/12/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Chlordane	760	110	110	ug/Kg	02/12/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Dieldrin	55	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endrin	ND	2.4	2.4	ug/Kg	02/12/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Heptachlor	7.0	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Methoxychlor	ND	7.2	7.2	ug/Kg	02/12/13	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	02/12/13	MH	SW8081

QA/QC Surrogates

% DCBP	71			%	02/12/13	MH	30 - 150 %
% TCMX	57			%	02/12/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.6	0.75	ug/Kg	02/12/13	R/J	SW8260
1,1,1-Trichloroethane	ND	4.6	0.91	ug/Kg	02/12/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.6	0.65	ug/Kg	02/12/13	R/J	SW8260
1,1,2-Trichloroethane	ND	4.6	0.45	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloroethane	ND	4.6	0.90	ug/Kg	02/12/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.6	1.0	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloropropene	ND	4.6	0.89	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.6	0.61	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichloropropane	ND	4.6	0.65	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.6	0.54	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.6	0.66	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.6	1.2	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromoethane	ND	4.6	1.2	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichlorobenzene	ND	4.6	0.50	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloroethane	ND	4.6	0.40	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloropropane	ND	4.6	0.65	ug/Kg	02/12/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.6	0.60	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichlorobenzene	ND	4.6	0.68	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichloropropane	ND	4.6	0.48	ug/Kg	02/12/13	R/J	SW8260
1,4-Dichlorobenzene	ND	4.6	0.72	ug/Kg	02/12/13	R/J	SW8260
2,2-Dichloropropane	ND	4.6	0.77	ug/Kg	02/12/13	R/J	SW8260
2-Chlorotoluene	ND	4.6	0.73	ug/Kg	02/12/13	R/J	SW8260
2-Hexanone	ND	23	2.1	ug/Kg	02/12/13	R/J	SW8260
2-Isopropyltoluene	ND	4.6	0.63	ug/Kg	02/12/13	R/J	SW8260
4-Chlorotoluene	ND	4.6	0.53	ug/Kg	02/12/13	R/J	SW8260
4-Methyl-2-pentanone	ND	23	1.1	ug/Kg	02/12/13	R/J	SW8260
Acetone	19 JSB	23	4.5	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	9.1	2.6	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	4.6	0.90	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	4.6	0.59	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	4.6	0.67	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	4.6	0.57	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	4.6	0.64	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	4.6	3.5	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	4.6	0.74	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	4.6	0.53	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	4.6	0.68	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	4.6	1.1	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	4.6	0.83	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	4.6	2.4	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	19	4.6	1.0	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	4.6	0.49	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	4.6	0.51	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	4.6	0.58	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	4.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	4.6	0.83	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	4.6	0.96	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	4.6	0.88	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	4.6	1.8	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	27	4.0	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.1	1.3	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	ND	4.6	0.75	ug/Kg	02/12/13	R/J	SW8260
Naphthalene	ND	4.6	1.2	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	4.6	0.83	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	4.6	0.82	ug/Kg	02/12/13	R/J	SW8260

1P

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	4.6	1.7	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	4.6	0.66	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	4.6	0.86	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	4.6	1.3	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	4.6	0.73	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	ND	4.6	0.96	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	9.1	4.1	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	4.6	0.72	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	4.6	0.91	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	4.6	0.93	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.1	8.5	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	20	4.6	0.97	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	4.6	1.0	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	4.6	0.71	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	4.6	1.5	ug/Kg	02/12/13	R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	97			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	97			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	100			%	02/12/13	R/J	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	02/08/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
2,4-Dimethylphenol	ND	250	90	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrophenol	ND	400	250	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	02/08/13	DD	SW 8270
2-Nitroaniline	ND	400	370	ug/Kg	02/08/13	DD	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	02/08/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	510	170	ug/Kg	02/08/13	DD	SW 8270
3-Nitroaniline	ND	400	790	ug/Kg	02/08/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	250	390	ug/Kg	02/08/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
4-Chloroaniline	ND	510	170	ug/Kg	02/08/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
4-Nitroaniline	ND	400	120	ug/Kg	02/08/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	730	160	ug/Kg	02/08/13	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Aniline	ND	730	730	ug/Kg	02/08/13	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benz(a)anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzydine	ND	250	210	ug/Kg	02/08/13	DD	SW 8270
Benzo(a)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(b)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(ghi)perylene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(k)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzoic acid	ND	730	720	ug/Kg	02/08/13	DD	SW 8270
Benzyl butyl phthalate	ND	250	93	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	98	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Carbazole	ND	730	270	ug/Kg	02/08/13	DD	SW 8270
Chrysene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dibenzofuran	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Di-n-butylphthalate	ND	250	96	ug/Kg	02/08/13	DD	SW 8270
Di-n-octylphthalate	ND	250	93	ug/Kg	02/08/13	DD	SW 8270
Fluoranthene	130	J 250	120	ug/Kg	02/08/13	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Isophorone	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Nitrobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	730	140	ug/Kg	02/08/13	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Pentachlorophenol	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
Phenanthrene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Phenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Pyridine	ND	250	89	ug/Kg	02/08/13	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	95			%	02/08/13	DD	19 - 122 %
% 2-Fluorobiphenyl	86			%	02/08/13	DD	30 - 115 %
% 2-Fluorophenol	76			%	02/08/13	DD	25 - 121 %
% Nitrobenzene-d5	86			%	02/08/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	74			%	02/08/13	DD	24 - 113 %
% Terphenyl-d14	93			%	02/08/13	DD	18 - 137 %

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

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

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

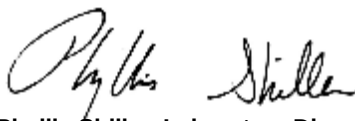
Comments:

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.

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



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28795

Project ID: 871 GRAND ST., BROOKLYN
Client ID: B10 12-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.22	mg/Kg	02/11/13	LK	SW6010
Aluminum	7980	37	7.4	mg/Kg	02/11/13	LK	SW6010
Arsenic	0.8	0.7	0.74	mg/Kg	02/11/13	LK	SW6010
Barium	37.0	0.7	0.15	mg/Kg	02/11/13	LK	SW6010
Beryllium	0.44	0.30	0.15	mg/Kg	02/11/13	LK	SW6010
Calcium	798 N	3.7	3.4	mg/Kg	02/11/13	LK	SW6010
Cadmium	< 0.37	0.37	0.15	mg/Kg	02/11/13	LK	SW6010
Cobalt	4.68	0.37	0.15	mg/Kg	02/11/13	LK	SW6010
Chromium	21.5	0.37	0.15	mg/Kg	02/11/13	LK	SW6010
Copper	11.9	0.37	0.30	mg/kg	02/11/13	LK	SW6010
Iron	22300	37	37	mg/Kg	02/11/13	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	02/08/13	RS	SW-7471
Potassium	1150 N	7	2.9	mg/Kg	02/11/13	LK	SW6010
Magnesium	1620	3.7	0.22	mg/Kg	02/11/13	LK	SW6010
Manganese	235	3.7	1.5	mg/Kg	02/11/13	LK	SW6010
Sodium	145 N	7	3.2	mg/Kg	02/11/13	EK	SW6010
Nickel	10.8	0.37	0.15	mg/Kg	02/11/13	LK	SW6010
Lead	5.6	0.7	0.22	mg/Kg	02/11/13	LK	SW6010
Antimony	< 1.9	1.9	0.74	mg/Kg	02/11/13	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	02/11/13	LK	SW6010
Thallium	< 0.6	0.6	1.5	mg/Kg	02/11/13	LK	SW6010
Vanadium	25.9	0.4	0.15	mg/Kg	02/11/13	LK	SW6010
Zinc	24.0	0.7	0.37	mg/Kg	02/11/13	LK	SW6010
Percent Solid	91			%	02/07/13	JL	E160.3
Soil Extraction for PCB	Completed				02/07/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed				02/07/13	BB	SW3545
Soil Extraction for SVOA	Completed				02/07/13	BJ/V	SW3545
Mercury Digestion	Completed				02/08/13	X/X	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				02/07/13	AG	SW846 - 3050
Field Extraction	Completed				02/06/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	02/11/13	AW	SW 8082

QA/QC Surrogates

% DCBP	70			%	02/11/13	AW	30 - 150 %
% TCMX	71			%	02/11/13	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	02/12/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	02/12/13	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	02/12/13	MH	SW8081

QA/QC Surrogates

% DCBP	72			%	02/12/13	MH	30 - 150 %
% TCMX	56			%	02/12/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.2	0.68	ug/Kg	02/12/13	R/J	SW8260
1,1,1-Trichloroethane	ND	4.2	0.84	ug/Kg	02/12/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.2	0.59	ug/Kg	02/12/13	R/J	SW8260
1,1,2-Trichloroethane	ND	4.2	0.41	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloroethane	ND	4.2	0.83	ug/Kg	02/12/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	4.2	0.91	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloropropene	ND	4.2	0.81	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.2	0.56	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichloropropane	ND	4.2	0.59	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.2	0.49	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.2	0.60	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.2	1.1	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromoethane	ND	4.2	1.1	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichlorobenzene	ND	4.2	0.46	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloroethane	ND	4.2	0.37	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloropropane	ND	4.2	0.59	ug/Kg	02/12/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.2	0.55	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichlorobenzene	ND	4.2	0.62	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichloropropane	ND	4.2	0.44	ug/Kg	02/12/13	R/J	SW8260
1,4-Dichlorobenzene	ND	4.2	0.66	ug/Kg	02/12/13	R/J	SW8260
2,2-Dichloropropane	ND	4.2	0.70	ug/Kg	02/12/13	R/J	SW8260
2-Chlorotoluene	ND	4.2	0.67	ug/Kg	02/12/13	R/J	SW8260
2-Hexanone	ND	21	1.9	ug/Kg	02/12/13	R/J	SW8260
2-Isopropyltoluene	ND	4.2	0.58	ug/Kg	02/12/13	R/J	SW8260
4-Chlorotoluene	ND	4.2	0.48	ug/Kg	02/12/13	R/J	SW8260
4-Methyl-2-pentanone	ND	21	0.99	ug/Kg	02/12/13	R/J	SW8260
Acetone	4.6 JSB	21	4.2	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	8.4	2.3	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	4.2	0.83	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	4.2	0.54	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	4.2	0.61	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	4.2	0.52	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	4.2	0.58	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	4.2	3.2	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	4.2	0.68	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	4.2	0.48	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	4.2	0.62	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	4.2	0.98	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	4.2	0.76	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	4.2	2.2	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	2.0 J	4.2	0.91	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	4.2	0.45	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	4.2	0.47	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	4.2	0.53	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	4.2	1.1	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	4.2	0.76	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	4.2	0.88	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	4.2	0.80	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	4.2	1.6	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	25	3.6	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	8.4	1.2	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	ND	4.2	0.68	ug/Kg	02/12/13	R/J	SW8260
Naphthalene	ND	4.2	1.1	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	4.2	0.76	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	4.2	0.75	ug/Kg	02/12/13	R/J	SW8260

1P

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	4.2	1.6	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	4.2	0.60	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	4.2	0.79	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	4.2	1.2	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	4.2	0.67	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	1.3	J 4.2	0.88	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	8.4	3.8	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	4.2	0.66	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	4.2	0.84	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	4.2	0.85	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	8.4	7.8	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	3.2	J 4.2	0.89	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	4.2	0.93	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	4.2	0.65	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	4.2	1.4	ug/Kg	02/12/13	R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	98			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	104			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	101			%	02/12/13	R/J	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	02/08/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
2,4-Dimethylphenol	ND	250	90	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrophenol	ND	410	250	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	02/08/13	DD	SW 8270
2-Nitroaniline	ND	410	370	ug/Kg	02/08/13	DD	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	02/08/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	510	170	ug/Kg	02/08/13	DD	SW 8270
3-Nitroaniline	ND	410	790	ug/Kg	02/08/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	250	390	ug/Kg	02/08/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
4-Chloroaniline	ND	510	170	ug/Kg	02/08/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
4-Nitroaniline	ND	410	120	ug/Kg	02/08/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	740	160	ug/Kg	02/08/13	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Aniline	ND	740	730	ug/Kg	02/08/13	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benz(a)anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzdine	ND	250	210	ug/Kg	02/08/13	DD	SW 8270
Benzo(a)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(b)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(ghi)perylene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(k)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzoic acid	ND	740	730	ug/Kg	02/08/13	DD	SW 8270
Benzyl butyl phthalate	ND	250	94	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	98	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Carbazole	ND	740	270	ug/Kg	02/08/13	DD	SW 8270
Chrysene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dibenzofuran	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Di-n-butylphthalate	ND	250	96	ug/Kg	02/08/13	DD	SW 8270
Di-n-octylphthalate	ND	250	94	ug/Kg	02/08/13	DD	SW 8270
Fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Isophorone	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Nitrobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	740	140	ug/Kg	02/08/13	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Pentachlorophenol	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
Phenanthrene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Phenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Pyridine	ND	250	89	ug/Kg	02/08/13	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	94			%	02/08/13	DD	19 - 122 %
% 2-Fluorobiphenyl	86			%	02/08/13	DD	30 - 115 %
% 2-Fluorophenol	80			%	02/08/13	DD	25 - 121 %
% Nitrobenzene-d5	89			%	02/08/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	77			%	02/08/13	DD	24 - 113 %
% Terphenyl-d14	93			%	02/08/13	DD	18 - 137 %

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

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

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

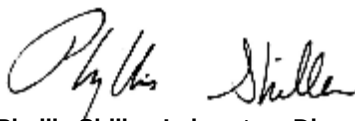
Comments:

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.

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



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28796

Project ID: 871 GRAND ST., BROOKLYN
Client ID: B11 12-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	0.23	mg/Kg	02/11/13	LK	SW6010
Aluminum	6710	38	7.6	mg/Kg	02/11/13	LK	SW6010
Arsenic	< 0.8	0.8	0.76	mg/Kg	02/11/13	LK	SW6010
Barium	28.1	0.8	0.15	mg/Kg	02/11/13	LK	SW6010
Beryllium	0.45	0.30	0.15	mg/Kg	02/11/13	LK	SW6010
Calcium	526 N	3.8	3.5	mg/Kg	02/11/13	LK	SW6010
Cadmium	< 0.38	0.38	0.15	mg/Kg	02/11/13	LK	SW6010
Cobalt	4.74	0.38	0.15	mg/Kg	02/11/13	LK	SW6010
Chromium	16.5	0.38	0.15	mg/Kg	02/11/13	LK	SW6010
Copper	9.38	0.38	0.30	mg/kg	02/11/13	LK	SW6010
Iron	19700	38	38	mg/Kg	02/11/13	LK	SW6010
Mercury	< 0.09	0.09	0.05	mg/Kg	02/08/13	RS	SW-7471
Potassium	1050 N	8	3.0	mg/Kg	02/11/13	LK	SW6010
Magnesium	1550	3.8	0.23	mg/Kg	02/11/13	LK	SW6010
Manganese	281	3.8	1.5	mg/Kg	02/11/13	LK	SW6010
Sodium	54 N	8	3.3	mg/Kg	02/11/13	EK	SW6010 B*
Nickel	8.79	0.38	0.15	mg/Kg	02/11/13	LK	SW6010
Lead	5.5	0.8	0.23	mg/Kg	02/11/13	LK	SW6010
Antimony	< 1.9	1.9	0.76	mg/Kg	02/11/13	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	02/11/13	LK	SW6010
Thallium	< 0.6	0.6	1.5	mg/Kg	02/11/13	LK	SW6010
Vanadium	24.6	0.4	0.15	mg/Kg	02/11/13	LK	SW6010
Zinc	22.4	0.8	0.38	mg/Kg	02/11/13	LK	SW6010
Percent Solid	90			%	02/07/13	JL	E160.3
Soil Extraction for PCB	Completed				02/07/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed				02/07/13	BB	SW3545
Soil Extraction for SVOA	Completed				02/07/13	BJ/V	SW3545
Mercury Digestion	Completed				02/08/13	X/X	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				02/07/13	AG	SW846 - 3050
Field Extraction	Completed				02/06/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	37	37	ug/Kg	02/11/13	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	02/11/13	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	02/11/13	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	02/11/13	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	02/11/13	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	02/11/13	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	02/11/13	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	02/11/13	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	02/11/13	AW	SW 8082

QA/QC Surrogates

% DCBP	72			%	02/11/13	AW	30 - 150 %
% TCMX	73			%	02/11/13	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	02/12/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	02/12/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	02/12/13	MH	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	02/12/13	MH	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	02/12/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	02/12/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	02/12/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	02/12/13	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	02/12/13	MH	SW8081

QA/QC Surrogates

% DCBP	74			%	02/12/13	MH	30 - 150 %
% TCMX	56			%	02/12/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	0.91	ug/Kg	02/12/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	0.79	ug/Kg	02/12/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	0.54	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloropropene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	0.74	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.6	0.79	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	0.66	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	0.80	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromoethane	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	0.61	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloroethane	ND	5.6	0.49	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloropropane	ND	5.6	0.79	ug/Kg	02/12/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	0.73	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	0.82	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichloropropane	ND	5.6	0.59	ug/Kg	02/12/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	0.88	ug/Kg	02/12/13	R/J	SW8260
2,2-Dichloropropane	ND	5.6	0.93	ug/Kg	02/12/13	R/J	SW8260
2-Chlorotoluene	ND	5.6	0.89	ug/Kg	02/12/13	R/J	SW8260
2-Hexanone	ND	28	2.5	ug/Kg	02/12/13	R/J	SW8260
2-Isopropyltoluene	ND	5.6	0.77	ug/Kg	02/12/13	R/J	SW8260
4-Chlorotoluene	ND	5.6	0.64	ug/Kg	02/12/13	R/J	SW8260
4-Methyl-2-pentanone	ND	28	1.3	ug/Kg	02/12/13	R/J	SW8260
Acetone	ND	28	5.5	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	11	3.1	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	5.6	0.72	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	5.6	0.81	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	5.6	0.69	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	5.6	0.78	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	5.6	4.3	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	5.6	0.90	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	5.6	0.64	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	5.6	0.82	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	5.6	1.3	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	5.6	2.9	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	0.60	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	5.6	0.62	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	5.6	0.70	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	5.6	2.2	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	33	4.8	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	1.5	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	6.7	SB	5.6	0.91	ug/Kg	R/J	SW8260
Naphthalene	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260

1P

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	5.6	2.1	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	5.6	0.80	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	5.6	1.6	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	5.6	0.89	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	11	5.0	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	5.6	0.88	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	0.87	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	5.6	1.8	ug/Kg	02/12/13	R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	97			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	98			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	100			%	02/12/13	R/J	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	02/08/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
2,4-Dimethylphenol	ND	250	89	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrophenol	ND	400	250	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	02/08/13	DD	SW 8270
2-Nitroaniline	ND	400	360	ug/Kg	02/08/13	DD	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	02/08/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	500	170	ug/Kg	02/08/13	DD	SW 8270
3-Nitroaniline	ND	400	780	ug/Kg	02/08/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	250	390	ug/Kg	02/08/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
4-Chloroaniline	ND	500	170	ug/Kg	02/08/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
4-Nitroaniline	ND	400	120	ug/Kg	02/08/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	730	160	ug/Kg	02/08/13	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Aniline	ND	730	730	ug/Kg	02/08/13	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benz(a)anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzydine	ND	250	210	ug/Kg	02/08/13	DD	SW 8270
Benzo(a)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(b)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(ghi)perylene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(k)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzoic acid	ND	730	720	ug/Kg	02/08/13	DD	SW 8270
Benzyl butyl phthalate	ND	250	93	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Carbazole	ND	730	270	ug/Kg	02/08/13	DD	SW 8270
Chrysene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dibenzofuran	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Di-n-butylphthalate	ND	250	96	ug/Kg	02/08/13	DD	SW 8270
Di-n-octylphthalate	ND	250	93	ug/Kg	02/08/13	DD	SW 8270
Fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Isophorone	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Nitrobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	730	140	ug/Kg	02/08/13	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Pentachlorophenol	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
Phenanthrene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Phenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Pyridine	ND	250	89	ug/Kg	02/08/13	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	81			%	02/08/13	DD	19 - 122 %
% 2-Fluorobiphenyl	82			%	02/08/13	DD	30 - 115 %
% 2-Fluorophenol	70			%	02/08/13	DD	25 - 121 %
% Nitrobenzene-d5	82			%	02/08/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	70			%	02/08/13	DD	24 - 113 %
% Terphenyl-d14	93			%	02/08/13	DD	18 - 137 %

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

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

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

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

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

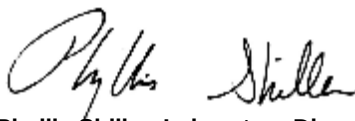
Comments:

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.

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



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28797

Project ID: 871 GRAND ST., BROOKLYN
Client ID: B11 38-40

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	90			%	02/07/13	JL	E160.3
Field Extraction	Completed				02/06/13		SW5035

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	0.91	ug/Kg	02/12/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.6	0.79	ug/Kg	02/12/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	5.6	0.54	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloropropene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.6	0.74	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	5.6	0.79	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.6	0.66	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.6	0.80	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromoethane	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260	IP
1,2-Dichlorobenzene	ND	5.6	0.61	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloroethane	ND	5.6	0.49	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloropropane	ND	5.6	0.79	ug/Kg	02/12/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.6	0.73	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	5.6	0.82	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichloropropane	ND	5.6	0.59	ug/Kg	02/12/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	5.6	0.88	ug/Kg	02/12/13	R/J	SW8260	
2,2-Dichloropropane	ND	5.6	0.93	ug/Kg	02/12/13	R/J	SW8260	
2-Chlorotoluene	ND	5.6	0.89	ug/Kg	02/12/13	R/J	SW8260	
2-Hexanone	ND	28	2.5	ug/Kg	02/12/13	R/J	SW8260	
2-Isopropyltoluene	ND	5.6	0.77	ug/Kg	02/12/13	R/J	SW8260	1
4-Chlorotoluene	ND	5.6	0.64	ug/Kg	02/12/13	R/J	SW8260	

Client ID: B11 38-40

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	28	1.3	ug/Kg	02/12/13	R/J	SW8260
Acetone	ND	28	5.5	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	11	3.1	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	5.6	0.72	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	5.6	0.81	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	5.6	0.69	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	5.6	0.78	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	5.6	4.3	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	5.6	0.90	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	5.6	0.64	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	5.6	0.82	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	5.6	1.3	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	5.6	2.9	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	0.60	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	5.6	0.62	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	5.6	0.70	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	5.6	2.2	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	33	4.8	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	1.5	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	11	SB 5.6	0.91	ug/Kg	02/12/13	R/J	SW8260
Naphthalene	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
o-Xylene	ND	5.6	2.1	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	5.6	0.80	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	5.6	1.6	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	5.6	0.89	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	11	5.0	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	5.6	0.88	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	0.87	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	5.6	1.8	ug/Kg	02/12/13	R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	99			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	101			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	101			%	02/12/13	R/J	84 - 138 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	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.

1P = This parameter is pending certification by NY NELAC for this matrix.

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

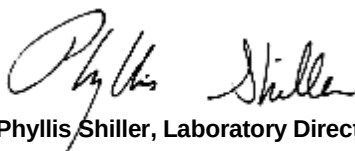
Comments:

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.

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



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28798

Project ID: 871 GRAND ST., BROOKLYN
Client ID: B12 12-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	0.23	mg/Kg	02/11/13	LK	SW6010
Aluminum	6100	38	7.7	mg/Kg	02/11/13	LK	SW6010
Arsenic	< 0.8	0.8	0.77	mg/Kg	02/11/13	LK	SW6010
Barium	23.6	0.8	0.15	mg/Kg	02/11/13	LK	SW6010
Beryllium	0.35	0.31	0.15	mg/Kg	02/11/13	LK	SW6010
Calcium	558 N	3.8	3.5	mg/Kg	02/11/13	LK	SW6010
Cadmium	< 0.38	0.38	0.15	mg/Kg	02/11/13	LK	SW6010
Cobalt	3.74	0.38	0.15	mg/Kg	02/11/13	LK	SW6010
Chromium	14.4	0.38	0.15	mg/Kg	02/11/13	LK	SW6010
Copper	9.24	0.38	0.31	mg/kg	02/11/13	LK	SW6010
Iron	22700	38	38	mg/Kg	02/11/13	LK	SW6010
Mercury	< 0.09	0.09	0.05	mg/Kg	02/08/13	RS	SW-7471
Potassium	863 N	8	3.0	mg/Kg	02/11/13	LK	SW6010
Magnesium	1840	3.8	0.23	mg/Kg	02/11/13	LK	SW6010
Manganese	418	3.8	1.5	mg/Kg	02/11/13	LK	SW6010
Sodium	84 N	8	3.3	mg/Kg	02/11/13	EK	SW6010 B
Nickel	9.82	0.38	0.15	mg/Kg	02/11/13	LK	SW6010
Lead	4.2	0.8	0.23	mg/Kg	02/11/13	LK	SW6010
Antimony	< 1.9	1.9	0.77	mg/Kg	02/11/13	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	02/11/13	LK	SW6010
Thallium	< 0.6	0.6	1.5	mg/Kg	02/11/13	LK	SW6010
Vanadium	19.7	0.4	0.15	mg/Kg	02/11/13	LK	SW6010
Zinc	39.9	0.8	0.38	mg/Kg	02/11/13	LK	SW6010
Percent Solid	89			%	02/07/13	JL	E160.3
Soil Extraction for PCB	Completed				02/07/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed				02/07/13	BB	SW3545
Soil Extraction for SVOA	Completed				02/07/13	BJ/V	SW3545
Mercury Digestion	Completed				02/08/13	X/X	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				02/07/13	AG	SW846 - 3050
Field Extraction	Completed				02/06/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	02/11/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	02/11/13	AW	SW 8082

QA/QC Surrogates

% DCBP	74			%	02/11/13	AW	30 - 150 %
% TCMX	73			%	02/11/13	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	02/12/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	02/12/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Methoxychlor	ND	7.2	7.2	ug/Kg	02/12/13	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	02/12/13	MH	SW8081

QA/QC Surrogates

% DCBP	68			%	02/12/13	MH	30 - 150 %
% TCMX	58			%	02/12/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	0.92	ug/Kg	02/12/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	0.80	ug/Kg	02/12/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	0.55	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloropropene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	0.75	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.6	0.80	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	0.66	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	0.81	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromoethane	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	0.62	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloroethane	ND	5.6	0.49	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloropropane	ND	5.6	0.80	ug/Kg	02/12/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	0.74	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	0.83	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichloropropane	ND	5.6	0.60	ug/Kg	02/12/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	0.89	ug/Kg	02/12/13	R/J	SW8260
2,2-Dichloropropane	ND	5.6	0.94	ug/Kg	02/12/13	R/J	SW8260
2-Chlorotoluene	ND	5.6	0.90	ug/Kg	02/12/13	R/J	SW8260
2-Hexanone	ND	28	2.5	ug/Kg	02/12/13	R/J	SW8260
2-Isopropyltoluene	ND	5.6	0.78	ug/Kg	02/12/13	R/J	SW8260
4-Chlorotoluene	ND	5.6	0.65	ug/Kg	02/12/13	R/J	SW8260
4-Methyl-2-pentanone	ND	28	1.3	ug/Kg	02/12/13	R/J	SW8260
Acetone	ND	28	5.6	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	11	3.2	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	5.6	0.73	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	5.6	0.82	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	5.6	0.70	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	5.6	0.79	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	5.6	4.3	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	5.6	0.91	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	5.6	0.65	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	5.6	0.83	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	5.6	1.3	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	5.6	2.9	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	0.61	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	5.6	0.63	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	5.6	0.71	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	5.6	2.2	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	34	4.9	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	1.6	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	11	SB	5.6	0.92	ug/Kg	R/J	SW8260
Naphthalene	ND	5.6	1.5	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	5.6	1.0	ug/Kg	02/12/13	R/J	SW8260

1P

1

1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	5.6	2.1	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	5.6	0.81	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	5.6	1.6	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	5.6	0.90	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	11	5.1	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	5.6	0.89	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	1.1	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	5.6	1.2	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	0.88	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	5.6	1.8	ug/Kg	02/12/13	R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	96			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	100			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	101			%	02/12/13	R/J	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
1,3-Dichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
1,4-Dichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	02/08/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
2,4-Dichlorophenol	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
2,4-Dimethylphenol	ND	250	90	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrophenol	ND	410	250	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
2,6-Dinitrotoluene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	02/08/13	DD	SW 8270
2-Nitroaniline	ND	410	370	ug/Kg	02/08/13	DD	SW 8270
2-Nitrophenol	ND	250	230	ug/Kg	02/08/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	510	170	ug/Kg	02/08/13	DD	SW 8270
3-Nitroaniline	ND	410	790	ug/Kg	02/08/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	250	390	ug/Kg	02/08/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
4-Chloroaniline	ND	510	170	ug/Kg	02/08/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
4-Nitroaniline	ND	410	120	ug/Kg	02/08/13	DD	SW 8270

Client ID: B12 12-14

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	740	160	ug/Kg	02/08/13	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Acenaphthylene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Aniline	ND	740	740	ug/Kg	02/08/13	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benz(a)anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzdine	ND	250	210	ug/Kg	02/08/13	DD	SW 8270
Benzo(a)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(b)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(ghi)perylene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(k)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzoic acid	ND	740	730	ug/Kg	02/08/13	DD	SW 8270
Benzyl butyl phthalate	ND	250	94	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	98	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Carbazole	ND	740	280	ug/Kg	02/08/13	DD	SW 8270
Chrysene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dibenzofuran	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Diethyl phthalate	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Di-n-butylphthalate	ND	250	97	ug/Kg	02/08/13	DD	SW 8270
Di-n-octylphthalate	ND	250	94	ug/Kg	02/08/13	DD	SW 8270
Fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Isophorone	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Nitrobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	740	140	ug/Kg	02/08/13	DD	SW 8270
Pentachloronitrobenzene	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
Pentachlorophenol	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
Phenanthrene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Phenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Pyrene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Pyridine	ND	250	90	ug/Kg	02/08/13	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	90			%	02/08/13	DD	19 - 122 %
% 2-Fluorobiphenyl	85			%	02/08/13	DD	30 - 115 %
% 2-Fluorophenol	78			%	02/08/13	DD	25 - 121 %
% Nitrobenzene-d5	87			%	02/08/13	DD	23 - 120 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	76			%	02/08/13	DD	24 - 113 %
% Terphenyl-d14	97			%	02/08/13	DD	18 - 137 %

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

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

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

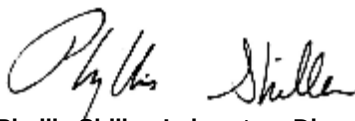
Comments:

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.

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



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28799

Project ID: 871 GRAND ST., BROOKLYN
Client ID: B12 38-40

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	87			%	02/07/13	JL	E160.3
Field Extraction	Completed				02/06/13		SW5035

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.7	0.94	ug/Kg	02/12/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	5.7	1.1	ug/Kg	02/12/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.7	0.82	ug/Kg	02/12/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	5.7	0.56	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethane	ND	5.7	1.1	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethene	ND	5.7	1.3	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloropropene	ND	5.7	1.1	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.7	0.77	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	5.7	0.82	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.7	0.68	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.7	0.83	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.7	1.5	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromoethane	ND	5.7	1.5	ug/Kg	02/12/13	R/J	SW8260	IP
1,2-Dichlorobenzene	ND	5.7	0.63	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloroethane	ND	5.7	0.51	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloropropane	ND	5.7	0.82	ug/Kg	02/12/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.7	0.76	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	5.7	0.85	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichloropropane	ND	5.7	0.61	ug/Kg	02/12/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	5.7	0.91	ug/Kg	02/12/13	R/J	SW8260	
2,2-Dichloropropane	ND	5.7	0.97	ug/Kg	02/12/13	R/J	SW8260	
2-Chlorotoluene	ND	5.7	0.92	ug/Kg	02/12/13	R/J	SW8260	
2-Hexanone	ND	29	2.6	ug/Kg	02/12/13	R/J	SW8260	
2-Isopropyltoluene	ND	5.7	0.79	ug/Kg	02/12/13	R/J	SW8260	1
4-Chlorotoluene	ND	5.7	0.67	ug/Kg	02/12/13	R/J	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	29	1.4	ug/Kg	02/12/13	R/J	SW8260
Acetone	ND	29	5.7	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	11	3.2	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	5.7	1.1	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	5.7	0.75	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	5.7	0.84	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	5.7	0.71	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	5.7	0.80	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	5.7	4.4	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	5.7	0.93	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	5.7	0.67	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	5.7	0.85	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	5.7	1.3	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	5.7	1.0	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	5.7	3.0	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	1.3	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	0.62	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	5.7	0.64	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	5.7	0.72	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	5.7	1.5	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	5.7	1.0	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	5.7	1.2	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	5.7	1.1	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	5.7	2.3	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	34	5.0	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	1.6	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	9.1	SB	5.7	0.94	ug/Kg	R/J	SW8260
Naphthalene	ND	5.7	1.5	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	5.7	1.0	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	5.7	1.0	ug/Kg	02/12/13	R/J	SW8260
o-Xylene	ND	5.7	2.2	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	5.7	0.83	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	5.7	1.1	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	5.7	1.7	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	5.7	0.92	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	1.3	J	5.7	1.2	ug/Kg	R/J	SW8260
Tetrahydrofuran (THF)	ND	11	5.2	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	5.7	0.91	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	1.1	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	1.2	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	11	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	ND	5.7	1.2	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	5.7	1.3	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	5.7	0.90	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	5.7	1.9	ug/Kg	02/12/13	R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	99			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	102			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	102			%	02/12/13	R/J	84 - 138 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	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.

1P = This parameter is pending certification by NY NELAC for this matrix.

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

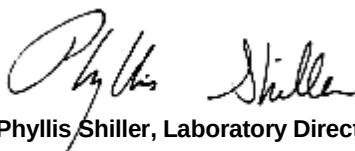
Comments:

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.

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



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28800

Project ID: 871 GRAND ST., BROOKLYN
Client ID: B7 38-40

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	87			%	02/07/13	JL	E160.3
Field Extraction	Completed				02/06/13		SW5035

Volatiles

1,1,1,2-Tetrachloroethane	ND	4.8	0.78	ug/Kg	02/12/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	4.8	0.95	ug/Kg	02/12/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.8	0.68	ug/Kg	02/12/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	4.8	0.47	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethane	ND	4.8	0.94	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethene	ND	4.8	1.0	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloropropene	ND	4.8	0.93	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	4.8	0.64	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	4.8	0.68	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	4.8	0.56	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	4.8	0.69	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	4.8	1.3	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromoethane	ND	4.8	1.3	ug/Kg	02/12/13	R/J	SW8260	IP
1,2-Dichlorobenzene	ND	4.8	0.52	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloroethane	ND	4.8	0.42	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloropropane	ND	4.8	0.68	ug/Kg	02/12/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	4.8	0.63	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	4.8	0.71	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichloropropane	ND	4.8	0.51	ug/Kg	02/12/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	4.8	0.75	ug/Kg	02/12/13	R/J	SW8260	
2,2-Dichloropropane	ND	4.8	0.80	ug/Kg	02/12/13	R/J	SW8260	
2-Chlorotoluene	ND	4.8	0.76	ug/Kg	02/12/13	R/J	SW8260	
2-Hexanone	ND	24	2.1	ug/Kg	02/12/13	R/J	SW8260	
2-Isopropyltoluene	ND	4.8	0.66	ug/Kg	02/12/13	R/J	SW8260	1
4-Chlorotoluene	ND	4.8	0.55	ug/Kg	02/12/13	R/J	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	24	1.1	ug/Kg	02/12/13	R/J	SW8260
Acetone	8.6 JSB	24	4.7	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	9.5	2.7	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	4.8	0.94	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	4.8	0.62	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	4.8	0.70	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	4.8	0.59	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	4.8	0.67	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	4.8	3.7	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	4.8	0.77	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	4.8	0.55	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	4.8	0.71	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	4.8	1.1	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	4.8	0.87	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	4.8	2.5	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	4.8	1.0	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	4.8	0.52	ug/Kg	02/12/13	R/J	SW8260 1
Dibromochloromethane	ND	4.8	0.53	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	4.8	0.60	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	4.8	1.3	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	4.8	0.87	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	4.8	1.0	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	4.8	0.92	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	4.8	1.9	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	29	4.1	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.5	1.3	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	1.4 JSB	4.8	0.78	ug/Kg	02/12/13	R/J	SW8260
Naphthalene	3.7 J	4.8	1.3	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	4.8	0.87	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	4.8	0.86	ug/Kg	02/12/13	R/J	SW8260
o-Xylene	ND	4.8	1.8	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	4.8	0.69	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	4.8	0.90	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	4.8	1.4	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	4.8	0.76	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	1.9 J	4.8	1.0	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	9.5	4.3	ug/Kg	02/12/13	R/J	SW8260 1
Toluene	ND	4.8	0.75	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	4.8	0.95	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	4.8	0.97	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.5	8.9	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	7.5	4.8	1.0	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	4.8	1.1	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	4.8	0.74	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	4.8	1.5	ug/Kg	02/12/13	R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	98			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	96			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	100			%	02/12/13	R/J	84 - 138 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	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.

1P = This parameter is pending certification by NY NELAC for this matrix.

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

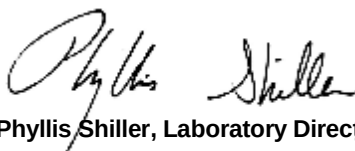
Comments:

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.

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



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28801

Project ID: 871 GRAND ST., BROOKLYN
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.22	mg/Kg	02/11/13	LK	SW6010
Aluminum	6370	36	7.3	mg/Kg	02/11/13	LK	SW6010
Arsenic	< 0.7	0.7	0.73	mg/Kg	02/11/13	LK	SW6010
Barium	23.5	0.7	0.15	mg/Kg	02/11/13	LK	SW6010
Beryllium	0.33	0.29	0.15	mg/Kg	02/11/13	LK	SW6010
Calcium	542 N	3.6	3.3	mg/Kg	02/11/13	LK	SW6010
Cadmium	< 0.36	0.36	0.15	mg/Kg	02/11/13	LK	SW6010
Cobalt	4.20	0.36	0.15	mg/Kg	02/11/13	LK	SW6010
Chromium	13.0	0.36	0.15	mg/Kg	02/11/13	LK	SW6010
Copper	12.9	0.36	0.29	mg/kg	02/11/13	LK	SW6010
Iron	16800	36	36	mg/Kg	02/11/13	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	02/08/13	RS	SW-7471
Potassium	1040 N	7	2.8	mg/Kg	02/11/13	LK	SW6010
Magnesium	2200	3.6	0.22	mg/Kg	02/11/13	LK	SW6010
Manganese	275	3.6	1.5	mg/Kg	02/11/13	LK	SW6010
Sodium	46 N	7	3.1	mg/Kg	02/11/13	EK	SW6010 B*
Nickel	10.1	0.36	0.15	mg/Kg	02/11/13	LK	SW6010
Lead	3.9	0.7	0.22	mg/Kg	02/11/13	LK	SW6010
Antimony	< 1.8	1.8	0.73	mg/Kg	02/11/13	LK	SW6010
Selenium	< 1.5	1.5	1.2	mg/Kg	02/11/13	LK	SW6010
Thallium	< 0.6	0.6	1.5	mg/Kg	02/11/13	LK	SW6010
Vanadium	20.8	0.4	0.15	mg/Kg	02/11/13	LK	SW6010
Zinc	33.5	0.7	0.36	mg/Kg	02/11/13	LK	SW6010
Percent Solid	93			%	02/07/13	JL	E160.3
Soil Extraction for PCB	Completed				02/07/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed				02/07/13	BB	SW3545
Soil Extraction for SVOA	Completed				02/07/13	BJ/V	SW3545
Mercury Digestion	Completed				02/08/13	X/X	SW7471

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				02/07/13	AG	SW846 - 3050
Field Extraction	Completed				02/06/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	02/11/13	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	02/11/13	AW	SW 8082

QA/QC Surrogates

% DCBP	78			%	02/11/13	AW	30 - 150 %
% TCMX	71			%	02/11/13	AW	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	02/12/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Chlordane	ND	21	21	ug/Kg	02/12/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	02/12/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	02/12/13	MH	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	02/12/13	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	02/12/13	MH	SW8081

QA/QC Surrogates

% DCBP	72			%	02/12/13	MH	30 - 150 %
% TCMX	59			%	02/12/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.4	0.88	ug/Kg	02/12/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.4	1.1	ug/Kg	02/12/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	0.76	ug/Kg	02/12/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.4	0.53	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	02/12/13	R/J	SW8260

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.4	1.2	ug/Kg	02/12/13	R/J	SW8260
1,1-Dichloropropene	ND	5.4	1.0	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	0.72	ug/Kg	02/12/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.4	0.76	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	0.63	ug/Kg	02/12/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	0.77	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	1.4	ug/Kg	02/12/13	R/J	SW8260
1,2-Dibromoethane	ND	5.4	1.4	ug/Kg	02/12/13	R/J	SW8260 1P
1,2-Dichlorobenzene	ND	5.4	0.59	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloroethane	ND	5.4	0.47	ug/Kg	02/12/13	R/J	SW8260
1,2-Dichloropropane	ND	5.4	0.76	ug/Kg	02/12/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	0.71	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.4	0.80	ug/Kg	02/12/13	R/J	SW8260
1,3-Dichloropropane	ND	5.4	0.57	ug/Kg	02/12/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.4	0.85	ug/Kg	02/12/13	R/J	SW8260
2,2-Dichloropropane	ND	5.4	0.90	ug/Kg	02/12/13	R/J	SW8260
2-Chlorotoluene	ND	5.4	0.86	ug/Kg	02/12/13	R/J	SW8260
2-Hexanone	ND	27	2.4	ug/Kg	02/12/13	R/J	SW8260
2-Isopropyltoluene	ND	5.4	0.74	ug/Kg	02/12/13	R/J	SW8260 1
4-Chlorotoluene	ND	5.4	0.62	ug/Kg	02/12/13	R/J	SW8260
4-Methyl-2-pentanone	ND	27	1.3	ug/Kg	02/12/13	R/J	SW8260
Acetone	ND	27	5.3	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	11	3.0	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	5.4	1.1	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	5.4	0.70	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	5.4	0.78	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	5.4	0.67	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	5.4	0.75	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	5.4	4.1	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	5.4	0.87	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	5.4	0.62	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	5.4	0.80	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	5.4	1.3	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	5.4	0.98	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	5.4	2.8	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	1.2	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	0.58	ug/Kg	02/12/13	R/J	SW8260 1
Dibromochloromethane	ND	5.4	0.60	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	5.4	0.68	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	5.4	1.4	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	5.4	0.98	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	5.4	1.1	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	5.4	1.0	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	5.4	2.1	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	32	4.7	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	1.5	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	6.2 SB	5.4	0.88	ug/Kg	02/12/13	R/J	SW8260
Naphthalene	ND	5.4	1.4	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	5.4	0.98	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	5.4	0.97	ug/Kg	02/12/13	R/J	SW8260

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	5.4	2.1	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	5.4	0.77	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	5.4	1.0	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	5.4	1.5	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	5.4	0.86	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	ND	5.4	1.1	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	11	4.8	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	5.4	0.85	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	1.1	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	1.1	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	ND	5.4	1.1	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	5.4	1.2	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	5.4	0.84	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	5.4	1.7	ug/Kg	02/12/13	R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	100			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	100			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	103			%	02/12/13	R/J	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
1,2-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
1,3-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
1,4-Dichlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	02/08/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2,4-Dichlorophenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
2,4-Dimethylphenol	ND	250	88	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrophenol	ND	400	250	ug/Kg	02/08/13	DD	SW 8270
2,4-Dinitrotoluene	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
2,6-Dinitrotoluene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Chloronaphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Chlorophenol	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
2-Methylnaphthalene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	02/08/13	DD	SW 8270
2-Nitroaniline	ND	400	360	ug/Kg	02/08/13	DD	SW 8270
2-Nitrophenol	ND	250	220	ug/Kg	02/08/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	02/08/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	490	170	ug/Kg	02/08/13	DD	SW 8270
3-Nitroaniline	ND	400	770	ug/Kg	02/08/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	250	380	ug/Kg	02/08/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
4-Chloroaniline	ND	490	160	ug/Kg	02/08/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
4-Nitroaniline	ND	400	120	ug/Kg	02/08/13	DD	SW 8270

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	720	160	ug/Kg	02/08/13	DD	SW 8270
Acenaphthene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Acenaphthylene	ND	250	99	ug/Kg	02/08/13	DD	SW 8270
Acetophenone	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Aniline	ND	720	710	ug/Kg	02/08/13	DD	SW 8270
Anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benz(a)anthracene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzydine	ND	250	210	ug/Kg	02/08/13	DD	SW 8270
Benzo(a)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(b)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzo(ghi)perylene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Benzo(k)fluoranthene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Benzoic acid	ND	720	710	ug/Kg	02/08/13	DD	SW 8270
Benzyl butyl phthalate	ND	250	91	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	250	95	ug/Kg	02/08/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	98	ug/Kg	02/08/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Carbazole	ND	720	270	ug/Kg	02/08/13	DD	SW 8270
Chrysene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Dibenzofuran	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Diethyl phthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Dimethylphthalate	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Di-n-butylphthalate	ND	250	94	ug/Kg	02/08/13	DD	SW 8270
Di-n-octylphthalate	ND	250	91	ug/Kg	02/08/13	DD	SW 8270
Fluoranthene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Fluorene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobenzene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Hexachlorobutadiene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Hexachloroethane	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Isophorone	ND	250	99	ug/Kg	02/08/13	DD	SW 8270
Naphthalene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Nitrobenzene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodimethylamine	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	720	140	ug/Kg	02/08/13	DD	SW 8270
Pentachloronitrobenzene	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Pentachlorophenol	ND	250	130	ug/Kg	02/08/13	DD	SW 8270
Phenanthrene	ND	250	100	ug/Kg	02/08/13	DD	SW 8270
Phenol	ND	250	110	ug/Kg	02/08/13	DD	SW 8270
Pyrene	ND	250	120	ug/Kg	02/08/13	DD	SW 8270
Pyridine	ND	250	87	ug/Kg	02/08/13	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	94			%	02/08/13	DD	19 - 122 %
% 2-Fluorobiphenyl	89			%	02/08/13	DD	30 - 115 %
% 2-Fluorophenol	79			%	02/08/13	DD	25 - 121 %
% Nitrobenzene-d5	86			%	02/08/13	DD	23 - 120 %

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	76			%	02/08/13	DD	24 - 113 %
% Terphenyl-d14	99			%	02/08/13	DD	18 - 137 %

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

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

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

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

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

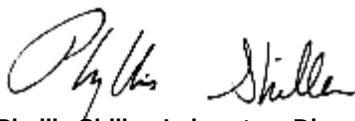
Comments:

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.

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



Phyllis Shiller, Laboratory Director

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28802

Project ID: 871 GRAND ST., BROOKLYN
Client ID: TRIP BLANK HI

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100	1		%	02/08/13	LB	E160.3

Volatiles

1,1,1,2-Tetrachloroethane	ND	250	41	ug/Kg	02/12/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	250	50	ug/Kg	02/12/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	250	36	ug/Kg	02/12/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	250	25	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethane	ND	250	50	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethene	ND	250	55	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloropropene	ND	250	49	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	250	34	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	250	36	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	250	30	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	250	36	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	250	67	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromoethane	ND	250	67	ug/Kg	02/12/13	R/J	SW8260	1P
1,2-Dichlorobenzene	ND	250	28	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloroethane	ND	250	22	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloropropane	ND	250	36	ug/Kg	02/12/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	250	33	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	250	37	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichloropropane	ND	250	27	ug/Kg	02/12/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	250	40	ug/Kg	02/12/13	R/J	SW8260	
2,2-Dichloropropane	ND	250	42	ug/Kg	02/12/13	R/J	SW8260	
2-Chlorotoluene	ND	250	40	ug/Kg	02/12/13	R/J	SW8260	
2-Hexanone	ND	1300	110	ug/Kg	02/12/13	R/J	SW8260	
2-Isopropyltoluene	ND	250	35	ug/Kg	02/12/13	R/J	SW8260	1
4-Chlorotoluene	ND	250	29	ug/Kg	02/12/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	1300	60	ug/Kg	02/12/13	R/J	SW8260	

Client ID: TRIP BLANK HI

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	ND	2500	250	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	500	140	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	250	50	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	250	33	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	250	37	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	250	31	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	250	35	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	250	190	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	250	41	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	250	29	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	250	37	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	250	59	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	250	46	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	250	130	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	250	55	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	250	27	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	250	28	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	250	32	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	250	67	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	250	46	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	250	53	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	250	48	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	250	99	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	1500	220	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	500	69	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	120 JSB	250	41	ug/Kg	02/12/13	R/J	SW8260
Naphthalene	ND	250	67	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	250	46	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	250	45	ug/Kg	02/12/13	R/J	SW8260
o-Xylene	ND	250	96	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	250	36	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	250	47	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	250	72	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	250	40	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	ND	250	53	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	500	230	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	250	40	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	250	50	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	250	51	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	500	460	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	ND	250	53	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	250	56	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	250	39	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	250	81	ug/Kg	02/12/13	R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	99			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	98			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	99			%	02/12/13	R/J	84 - 138 %

Client ID: TRIP BLANK HI

Parameter	Result	RL/ PQL	LOD/ MDL	Units	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.

1P = This parameter is pending certification by NY NELAC for this matrix.

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

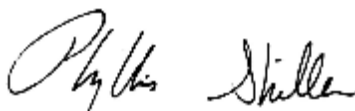
Comments:

TRIP BLANK INCLUDED 100% SOLID ASSUMED

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

March 01, 2013

Reviewed and Released by: Tina Covensky



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



Analysis Report

March 01, 2013

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

Sample Information

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

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time
02/06/13 0:00
02/07/13 17:03

Laboratory Data

SDG ID: GBD28790
Phoenix ID: BD28803

Project ID: 871 GRAND ST., BROOKLYN
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100	1		%			E160.3
Field Extraction	Completed				02/06/13		SW5035

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.0	0.82	ug/Kg	02/12/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	5.0	1.0	ug/Kg	02/12/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.0	0.71	ug/Kg	02/12/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	5.0	0.49	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethane	ND	5.0	0.99	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloroethene	ND	5.0	1.1	ug/Kg	02/12/13	R/J	SW8260	
1,1-Dichloropropene	ND	5.0	0.97	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.0	0.67	ug/Kg	02/12/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	5.0	0.71	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.0	0.59	ug/Kg	02/12/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.0	0.72	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dibromoethane	ND	5.0	1.3	ug/Kg	02/12/13	R/J	SW8260	IP
1,2-Dichlorobenzene	ND	5.0	0.55	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloroethane	ND	5.0	0.44	ug/Kg	02/12/13	R/J	SW8260	
1,2-Dichloropropane	ND	5.0	0.71	ug/Kg	02/12/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.0	0.66	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	5.0	0.74	ug/Kg	02/12/13	R/J	SW8260	
1,3-Dichloropropane	ND	5.0	0.53	ug/Kg	02/12/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	5.0	0.79	ug/Kg	02/12/13	R/J	SW8260	
2,2-Dichloropropane	ND	5.0	0.84	ug/Kg	02/12/13	R/J	SW8260	
2-Chlorotoluene	ND	5.0	0.80	ug/Kg	02/12/13	R/J	SW8260	
2-Hexanone	ND	25	2.3	ug/Kg	02/12/13	R/J	SW8260	
2-Isopropyltoluene	ND	5.0	0.69	ug/Kg	02/12/13	R/J	SW8260	1
4-Chlorotoluene	ND	5.0	0.58	ug/Kg	02/12/13	R/J	SW8260	

Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Methyl-2-pentanone	ND	25	1.2	ug/Kg	02/12/13	R/J	SW8260
Acetone	6.6 JSB	50	5.0	ug/Kg	02/12/13	R/J	SW8260
Acrylonitrile	ND	10	2.8	ug/Kg	02/12/13	R/J	SW8260
Benzene	ND	5.0	0.99	ug/Kg	02/12/13	R/J	SW8260
Bromobenzene	ND	5.0	0.65	ug/Kg	02/12/13	R/J	SW8260
Bromochloromethane	ND	5.0	0.73	ug/Kg	02/12/13	R/J	SW8260
Bromodichloromethane	ND	5.0	0.62	ug/Kg	02/12/13	R/J	SW8260
Bromoform	ND	5.0	0.70	ug/Kg	02/12/13	R/J	SW8260
Bromomethane	ND	5.0	3.9	ug/Kg	02/12/13	R/J	SW8260
Carbon Disulfide	ND	5.0	0.81	ug/Kg	02/12/13	R/J	SW8260
Carbon tetrachloride	ND	5.0	0.58	ug/Kg	02/12/13	R/J	SW8260
Chlorobenzene	ND	5.0	0.74	ug/Kg	02/12/13	R/J	SW8260
Chloroethane	ND	5.0	1.2	ug/Kg	02/12/13	R/J	SW8260
Chloroform	ND	5.0	0.91	ug/Kg	02/12/13	R/J	SW8260
Chloromethane	ND	5.0	2.6	ug/Kg	02/12/13	R/J	SW8260
cis-1,2-Dichloroethene	ND	5.0	1.1	ug/Kg	02/12/13	R/J	SW8260
cis-1,3-Dichloropropene	ND	5.0	0.54	ug/Kg	02/12/13	R/J	SW8260
Dibromochloromethane	ND	5.0	0.56	ug/Kg	02/12/13	R/J	SW8260
Dibromomethane	ND	5.0	0.63	ug/Kg	02/12/13	R/J	SW8260
Dichlorodifluoromethane	ND	5.0	1.3	ug/Kg	02/12/13	R/J	SW8260
Ethylbenzene	ND	5.0	0.91	ug/Kg	02/12/13	R/J	SW8260
Hexachlorobutadiene	ND	5.0	1.1	ug/Kg	02/12/13	R/J	SW8260
Isopropylbenzene	ND	5.0	0.96	ug/Kg	02/12/13	R/J	SW8260
m&p-Xylene	ND	5.0	2.0	ug/Kg	02/12/13	R/J	SW8260
Methyl Ethyl Ketone	ND	30	4.3	ug/Kg	02/12/13	R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	1.4	ug/Kg	02/12/13	R/J	SW8260
Methylene chloride	ND	5.0	0.82	ug/Kg	02/12/13	R/J	SW8260
Naphthalene	ND	5.0	1.3	ug/Kg	02/12/13	R/J	SW8260
n-Butylbenzene	ND	5.0	0.91	ug/Kg	02/12/13	R/J	SW8260
n-Propylbenzene	ND	5.0	0.90	ug/Kg	02/12/13	R/J	SW8260
o-Xylene	ND	5.0	1.9	ug/Kg	02/12/13	R/J	SW8260
p-Isopropyltoluene	ND	5.0	0.72	ug/Kg	02/12/13	R/J	SW8260
sec-Butylbenzene	ND	5.0	0.94	ug/Kg	02/12/13	R/J	SW8260
Styrene	ND	5.0	1.4	ug/Kg	02/12/13	R/J	SW8260
tert-Butylbenzene	ND	5.0	0.80	ug/Kg	02/12/13	R/J	SW8260
Tetrachloroethene	ND	5.0	1.1	ug/Kg	02/12/13	R/J	SW8260
Tetrahydrofuran (THF)	ND	10	4.5	ug/Kg	02/12/13	R/J	SW8260
Toluene	ND	5.0	0.79	ug/Kg	02/12/13	R/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	1.0	ug/Kg	02/12/13	R/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	1.0	ug/Kg	02/12/13	R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	9.3	ug/Kg	02/12/13	R/J	SW8260
Trichloroethene	ND	5.0	1.1	ug/Kg	02/12/13	R/J	SW8260
Trichlorofluoromethane	ND	5.0	1.1	ug/Kg	02/12/13	R/J	SW8260
Trichlorotrifluoroethane	ND	5.0	0.78	ug/Kg	02/12/13	R/J	SW8260
Vinyl chloride	ND	5.0	1.6	ug/Kg	02/12/13	R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	02/12/13	R/J	70 - 121 %
% Bromofluorobenzene	98			%	02/12/13	R/J	59 - 113 %
% Dibromofluoromethane	98			%	02/12/13	R/J	70 - 130 %
% Toluene-d8	100			%	02/12/13	R/J	84 - 138 %

Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	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.

1P = This parameter is pending certification by NY NELAC for this matrix.

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

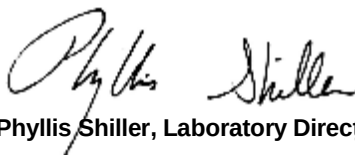
Comments:

TRIP BLANK INCLUDED 100% SOLID ASSUMED

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

March 01, 2013

Reviewed and Released by: Tina Covensky



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

March 01, 2013

QA/QC Data

SDG I.D.: GBD28790

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 220747, QC Sample No: BD28792 (BD28791, BD28792, BD28794, BD28795, BD28796, BD28798, BD28801)													
<u>ICP Metals - Soil</u>													
Aluminum	BRL	6210	6550	5.30	120	122	1.7	NC	NC	NC	80 - 120	30	I
Antimony	BRL	<1.7	<3.5	NC	93.6	91.0	2.8	79.7	79.4	0.4	80 - 120	30	
Arsenic	BRL	0.9	0.84	NC	97.1	99.3	2.2	87.5	88.1	0.7	80 - 120	30	
Barium	BRL	31.4	30.3	3.60	107	112	4.6	99.3	106	6.5	80 - 120	30	
Beryllium	BRL	0.42	0.41	NC	101	102	1.0	91.5	91.9	0.4	80 - 120	30	
Cadmium	BRL	<0.34	<0.35	NC	97.4	98.2	0.8	90.2	90.4	0.2	80 - 120	30	
Calcium	BRL	553	566	2.30	104	104	0.0	>130	>130	NC	80 - 120	30	m
Chromium	BRL	15.1	14.5	4.10	105	107	1.9	94.5	97.4	3.0	80 - 120	30	
Cobalt	BRL	4.54	4.25	6.60	100	100	0.0	90.1	91.0	1.0	80 - 120	30	
Copper	BRL	10.6	10.5	0.90	102	103	1.0	96.3	98.3	2.1	80 - 120	30	
Iron	BRL	16600	17800	7.00	120	119	0.8	NC	NC	NC	80 - 120	30	
Lead	BRL	5.1	4.62	9.90	99.3	101	1.7	89.4	89.9	0.6	80 - 120	30	
Magnesium	BRL	1570	1480	5.90	104	107	2.8	NC	NC	NC	80 - 120	30	
Manganese	BRL	262	264	0.80	104	104	0.0	109	>130	NC	80 - 120	30	m
Nickel	BRL	9.17	8.74	4.80	99.3	100	0.7	90.1	91.6	1.7	80 - 120	30	
Potassium	BRL	1210	1180	2.50	116	118	1.7	>130	>130	NC	80 - 120	30	m
Selenium	BRL	<1.3	<1.4	NC	104	105	1.0	75.6	75.3	0.4	80 - 120	30	
Silver	BRL	<0.34	<0.35	NC	98.4	99.7	1.3	92.3	93.3	1.1	80 - 120	30	
Sodium	7.4	88	89.2	1.40	112	114	1.8	>130	>130	NC	80 - 120	30	m
Thallium	BRL	<0.5	<3.1	NC	99.9	103	3.1	89.3	89.8	0.6	80 - 120	30	
Vanadium	BRL	22.6	21.2	6.40	110	112	1.8	94.3	97.4	3.2	80 - 120	30	
Zinc	BRL	23.8	23.0	3.40	97.7	99.3	1.6	87.7	94.9	7.9	80 - 120	30	
QA/QC Batch 220791, QC Sample No: BD28792 (BD28791, BD28792, BD28794, BD28795, BD28796, BD28798, BD28801)													
Mercury - Soil	BRL	<0.08	<0.08	NC	103	102	1.0	104	125	18.3	75 - 125	30	

I = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.



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



QA/QC Report

March 01, 2013

QA/QC Data

SDG I.D.: GBD28790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 220751, QC Sample No: BD28792 (BD28791, BD28792, BD28794, BD28795, BD28796, BD28798, BD28801)									
<u>Pesticides - Soil</u>									
4,4' -DDD	ND	76			78	77	1.3	30 - 150	30
4,4' -DDE	ND	77			79	77	2.6	50 - 150	30
4,4' -DDT	ND	75			78	77	1.3	30 - 150	50
a-BHC	ND	75			76	76	0.0	30 - 150	30
a-Chlordane	ND	77			79	78	1.3	30 - 150	30
Aldrin	ND	77			79	78	1.3	30 - 150	43
b-BHC	ND	77			78	78	0.0	30 - 150	30
Chlordane	ND	N/A			N/A	N/A	NC	30 - 150	30
d-BHC	ND	67			69	68	1.5	30 - 150	30
Dieldrin	ND	79			81	80	1.2	30 - 130	38
Endosulfan I	ND	78			80	80	0.0	30 - 150	30
Endosulfan II	ND	61			77	77	0.0	30 - 150	30
Endosulfan sulfate	ND	62			77	75	2.6	50 - 120	30
Endrin	ND	73			77	76	1.3	50 - 120	45
Endrin aldehyde	ND	48			81	80	1.2	30 - 150	30
Endrin ketone	ND	80			87	85	2.3	30 - 150	30
g-BHC	ND	77			78	78	0.0	50 - 120	50
g-Chlordane	ND	78			78	79	1.3	30 - 130	30
Heptachlor	ND	78			79	79	0.0	30 - 150	31
Heptachlor epoxide	ND	78			80	79	1.3	50 - 150	30
Methoxychlor	ND	76			78	76	2.6	30 - 150	30
Toxaphene	ND	N/A			N/A	N/A	NC	30 - 150	30
% DCBP	76	80			72	70	2.8	30 - 150	30
% TCMX	57	86			83	84	1.2	30 - 150	30

QA/QC Batch 220750, QC Sample No: BD28792 (BD28791, BD28792, BD28794, BD28795, BD28796, BD28798, BD28801)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	96	92	4.3	86	87	1.2	30 - 120	15
PCB-1221	ND							30 - 150	30
PCB-1232	ND							30 - 150	30
PCB-1242	ND							30 - 150	30
PCB-1248	ND							30 - 150	30
PCB-1254	ND							30 - 150	30
PCB-1260	ND	93	89	4.4	86	88	2.3	30 - 150	20
PCB-1262	ND							30 - 150	30
PCB-1268	ND							30 - 150	30
% DCBP (Surrogate Rec)	78	99	93	6.3	83	90	8.1	30 - 150	20
% TCMX (Surrogate Rec)	72	91	88	3.4	88	86	2.3	30 - 150	20

QA/QC Data

SDG I.D.: GBD28790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 221334, QC Sample No: BD28792 (BD28791, BD28792, BD28793, BD28794, BD28795, BD28796, BD28797, BD28798, BD28799, BD28800, BD28801, BD28802 (50X) , BD28803)										
<u>Volatiles - Soil</u>										
1,1,1,2-Tetrachloroethane	ND	114	134	16.1	99	102	3.0	70 - 130	30	I
1,1,1-Trichloroethane	ND	108	129	17.7	102	104	1.9	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	95	110	14.6	97	101	4.0	70 - 130	30	
1,1,2-Trichloroethane	ND	107	120	11.5	91	99	8.4	70 - 130	30	
1,1-Dichloroethane	ND	103	119	14.4	96	102	6.1	70 - 130	30	
1,1-Dichloroethene	ND	95	116	19.9	99	101	2.0	70 - 130	30	
1,1-Dichloropropene	ND	100	117	15.7	100	99	1.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	100	101	1.0	75	85	12.5	70 - 130	30	
1,2,3-Trichloropropane	ND	102	125	20.3	97	92	5.3	70 - 130	30	
1,2,4-Trichlorobenzene	ND	91	94	3.2	77	84	8.7	70 - 130	30	
1,2,4-Trimethylbenzene	ND	99	117	16.7	94	92	2.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	115	126	9.1	90	102	12.5	70 - 130	30	
1,2-Dibromoethane	ND	110	117	6.2	91	100	9.4	70 - 130	30	
1,2-Dichlorobenzene	ND	102	114	11.1	91	91	0.0	70 - 130	30	
1,2-Dichloroethane	ND	104	114	9.2	90	97	7.5	70 - 130	30	
1,2-Dichloropropane	ND	105	118	11.7	95	99	4.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	98	116	16.8	96	92	4.3	70 - 130	30	
1,3-Dichlorobenzene	ND	97	113	15.2	92	91	1.1	70 - 130	30	
1,3-Dichloropropane	ND	106	117	9.9	89	96	7.6	70 - 130	30	
1,4-Dichlorobenzene	ND	96	109	12.7	89	89	0.0	70 - 130	30	
2,2-Dichloropropane	ND	111	142	24.5	99	104	4.9	70 - 130	30	I
2-Chlorotoluene	ND	94	110	15.7	91	91	0.0	70 - 130	30	
2-Hexanone	ND	134	127	5.4	74	84	12.7	70 - 130	30	I
2-Isopropyltoluene	ND	98	116	16.8	97	91	6.4	70 - 130	30	
4-Chlorotoluene	ND	94	110	15.7	91	91	0.0	70 - 130	30	
4-Methyl-2-pentanone	ND	110	114	3.6	89	102	13.6	70 - 130	30	
Acetone	ND	>150	>150	NC	<40	46	NC	70 - 130	30	I,m
Acrylonitrile	ND	105	111	5.6	89	97	8.6	70 - 130	30	
Benzene	ND	102	117	13.7	96	98	2.1	70 - 130	30	
Bromobenzene	ND	102	118	14.5	92	91	1.1	70 - 130	30	
Bromochloromethane	ND	105	120	13.3	93	98	5.2	70 - 130	30	
Bromodichloromethane	ND	109	121	10.4	94	99	5.2	70 - 130	30	
Bromoform	ND	119	133	11.1	92	103	11.3	70 - 130	30	I
Bromomethane	ND	107	121	12.3	95	94	1.1	70 - 130	30	
Carbon Disulfide	ND	88	108	20.4	100	101	1.0	70 - 130	30	
Carbon tetrachloride	ND	111	133	18.0	104	104	0.0	70 - 130	30	I
Chlorobenzene	ND	102	118	14.5	93	95	2.1	70 - 130	30	
Chloroethane	ND	94	122	25.9	101	100	1.0	70 - 130	30	
Chloroform	ND	104	119	13.5	94	101	7.2	70 - 130	30	
Chloromethane	ND	95	112	16.4	96	99	3.1	70 - 130	30	
cis-1,2-Dichloroethene	ND	106	120	12.4	95	101	6.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	108	122	12.2	93	100	7.3	70 - 130	30	
Dibromochloromethane	ND	114	130	13.1	95	101	6.1	70 - 130	30	
Dibromomethane	ND	106	116	9.0	91	97	6.4	70 - 130	30	
Dichlorodifluoromethane	ND	88	106	18.6	101	102	1.0	70 - 130	30	
Ethylbenzene	ND	100	117	15.7	96	97	1.0	70 - 130	30	
Hexachlorobutadiene	ND	95	100	5.1	88	78	12.0	70 - 130	30	
Isopropylbenzene	ND	100	120	18.2	98	93	5.2	70 - 130	30	
m&p-Xylene	ND	99	116	15.8	95	97	2.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBD28790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methyl ethyl ketone	ND	142	136	4.3	73	90	20.9	70 - 130	30	l
Methyl t-butyl ether (MTBE)	ND	103	110	6.6	89	106	17.4	70 - 130	30	
Methylene chloride	ND	93	110	16.7	86	92	6.7	70 - 130	30	r
Naphthalene	ND	116	103	11.9	72	98	30.6	70 - 130	30	
n-Butylbenzene	ND	94	109	14.8	93	89	4.4	70 - 130	30	
n-Propylbenzene	ND	101	121	18.0	98	92	6.3	70 - 130	30	
o-Xylene	ND	104	120	14.3	94	97	3.1	70 - 130	30	
p-Isopropyltoluene	ND	98	116	16.8	96	91	5.3	70 - 130	30	
sec-Butylbenzene	ND	98	116	16.8	99	92	7.3	70 - 130	30	
Styrene	ND	100	115	14.0	93	94	1.1	70 - 130	30	
tert-Butylbenzene	ND	102	121	17.0	99	92	7.3	70 - 130	30	
Tetrachloroethene	ND	98	117	17.7	97	98	1.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	104	107	2.8	87	103	16.8	70 - 130	30	
Toluene	ND	101	115	13.0	96	98	2.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	96	122	23.9	99	99	0.0	70 - 130	30	l
trans-1,3-Dichloropropene	ND	116	131	12.1	94	105	11.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	124	138	10.7	90	102	12.5	70 - 130	30	l
Trichloroethene	ND	110	126	13.6	76	92	19.0	70 - 130	30	
Trichlorofluoromethane	ND	103	120	15.2	100	104	3.9	70 - 130	30	
Trichlorotrifluoroethane	ND	95	114	18.2	103	104	1.0	70 - 130	30	
Vinyl chloride	ND	97	113	15.2	98	100	2.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	100	101	1.0	100	100	0.0	70 - 121	30	
% Bromofluorobenzene	97	101	100	1.0	99	103	4.0	59 - 113	30	
% Dibromofluoromethane	96	101	100	1.0	102	102	0.0	70 - 130	30	
% Toluene-d8	99	99	100	1.0	101	101	0.0	84 - 138	30	

QA/QC Batch 220746, QC Sample No: BD28792 (BD28790, BD28791, BD28792, BD28793, BD28794, BD28795, BD28796, BD28797, BD28798, BD28799, BD28800, BD28801)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	78	77	1.3	86	86	0.0	30 - 130	30	
1,2,4-Trichlorobenzene	ND	70	70	0.0	81	81	0.0	30 - 130	30	
1,2-Dichlorobenzene	ND	66	67	1.5	80	80	0.0	30 - 130	30	
1,2-Diphenylhydrazine	ND	86	85	1.2	89	90	1.1	30 - 130	30	
1,3-Dichlorobenzene	ND	62	64	3.2	77	77	0.0	30 - 130	30	
1,4-Dichlorobenzene	ND	63	65	3.1	77	78	1.3	30 - 130	30	
2,4,5-Trichlorophenol	ND	90	90	0.0	99	99	0.0	30 - 130	30	
2,4,6-Trichlorophenol	ND	95	94	1.1	102	102	0.0	30 - 130	30	
2,4-Dichlorophenol	ND	87	85	2.3	92	91	1.1	30 - 130	30	
2,4-Dimethylphenol	ND	59	58	1.7	63	61	3.2	30 - 130	30	
2,4-Dinitrophenol	ND	<5	<5	NC	27	27	0.0	30 - 130	30	l,m
2,4-Dinitrotoluene	ND	93	93	0.0	98	98	0.0	30 - 130	30	
2,6-Dinitrotoluene	ND	93	92	1.1	97	98	1.0	30 - 130	30	m
2-Chloronaphthalene	ND	83	82	1.2	89	90	1.1	30 - 130	30	
2-Chlorophenol	ND	77	77	0.0	82	82	0.0	30 - 130	30	
2-Methylnaphthalene	ND	76	76	0.0	83	84	1.2	30 - 130	30	
2-Methylphenol (o-cresol)	ND	78	77	1.3	80	79	1.3	30 - 130	30	
2-Nitroaniline	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	
2-Nitrophenol	ND	69	69	0.0	78	78	0.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	83	82	1.2	83	82	1.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	l,m
3-Nitroaniline	ND	104	104	0.0	107	109	1.9	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	21	26	21.3	67	67	0.0	30 - 130	30	l
4-Bromophenyl phenyl ether	ND	92	91	1.1	97	96	1.0	30 - 130	30	

QA/QC Data

SDG I.D.: GBD28790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chloro-3-methylphenol	ND	90	89	1.1	94	93	1.1	30 - 130	30	
4-Chloroaniline	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	I,m
4-Chlorophenyl phenyl ether	ND	92	91	1.1	98	97	1.0	30 - 130	30	
4-Nitroaniline	ND	104	104	0.0	107	109	1.9	30 - 130	30	
4-Nitrophenol	ND	76	77	1.3	91	90	1.1	30 - 130	30	
Acenaphthene	ND	82	82	0.0	89	90	1.1	30 - 130	30	
Acenaphthylene	ND	89	89	0.0	95	96	1.0	30 - 130	30	
Acetophenone	ND	77	77	0.0	85	85	0.0	30 - 130	30	
Aniline	ND	121	126	4.0	115	114	0.9	30 - 130	30	
Anthracene	ND	93	92	1.1	99	98	1.0	30 - 130	30	
Benz(a)anthracene	ND	93	92	1.1	97	98	1.0	30 - 130	30	
Benzidine	ND	73	82	11.6	20	19	5.1	30 - 130	30	m
Benzo(a)pyrene	ND	85	85	0.0	89	89	0.0	30 - 130	30	
Benzo(b)fluoranthene	ND	98	95	3.1	103	102	1.0	30 - 130	30	
Benzo(ghi)perylene	ND	68	74	8.5	73	76	4.0	30 - 130	30	
Benzo(k)fluoranthene	ND	104	101	2.9	105	107	1.9	30 - 130	30	
Benzyl butyl phthalate	ND	98	95	3.1	100	101	1.0	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	78	77	1.3	84	85	1.2	30 - 130	30	
Bis(2-chloroethyl)ether	ND	62	63	1.6	73	73	0.0	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	69	69	0.0	79	79	0.0	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	100	98	2.0	105	104	1.0	30 - 130	30	
Carbazole	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	I,m
Chrysene	ND	95	94	1.1	98	99	1.0	30 - 130	30	
Dibenz(a,h)anthracene	ND	77	83	7.5	83	85	2.4	30 - 130	30	
Dibenzofuran	ND	88	88	0.0	93	94	1.1	30 - 130	30	
Diethyl phthalate	ND	92	91	1.1	96	96	0.0	30 - 130	30	
Dimethylphthalate	ND	91	90	1.1	95	95	0.0	30 - 130	30	
Di-n-butylphthalate	ND	92	91	1.1	98	97	1.0	30 - 130	30	
Di-n-octylphthalate	ND	98	96	2.1	103	103	0.0	30 - 130	30	
Fluoranthene	ND	90	91	1.1	98	96	2.1	30 - 130	30	
Fluorene	ND	92	92	0.0	98	98	0.0	30 - 130	30	
Hexachlorobenzene	ND	90	90	0.0	95	95	0.0	30 - 130	30	
Hexachlorobutadiene	ND	70	70	0.0	82	82	0.0	30 - 130	30	
Hexachlorocyclopentadiene	ND	37	48	25.9	58	54	7.1	30 - 130	30	
Hexachloroethane	ND	61	64	4.8	77	76	1.3	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	75	81	7.7	81	83	2.4	30 - 130	30	
Isophorone	ND	84	83	1.2	86	87	1.2	30 - 130	30	
Naphthalene	ND	76	76	0.0	86	86	0.0	30 - 130	30	
Nitrobenzene	ND	73	74	1.4	82	82	0.0	30 - 130	30	
N-Nitrosodimethylamine	ND	60	62	3.3	71	73	2.8	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	77	78	1.3	82	81	1.2	30 - 130	30	
N-Nitrosodiphenylamine	ND	125	125	0.0	130	130	0.0	30 - 130	30	
Pentachloronitrobenzene	ND	89	89	0.0	95	95	0.0	30 - 130	30	
Pentachlorophenol	ND	59	63	6.6	88	88	0.0	30 - 130	30	
Phenanthrene	ND	93	92	1.1	98	98	0.0	30 - 130	30	
Phenol	ND	79	80	1.3	83	83	0.0	30 - 130	30	
Pyrene	ND	90	91	1.1	97	97	0.0	30 - 130	30	
Pyridine	ND	51	51	0.0	56	59	5.2	30 - 130	30	
% 2,4,6-Tribromophenol	89	94	94	0.0	101	101	0.0	19 - 122	30	
% 2-Fluorobiphenyl	84	85	85	0.0	89	91	2.2	30 - 115	30	
% 2-Fluorophenol	75	75	76	1.3	80	80	0.0	25 - 121	30	
% Nitrobenzene-d5	83	76	77	1.3	83	83	0.0	23 - 120	30	
% Phenol-d5	74	78	79	1.3	81	81	0.0	24 - 113	30	

QA/QC Data

SDG I.D.: GBD28790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Terphenyl-d14	91	97	98	1.0	103	102	1.0	18 - 137	30
QA/QC Batch 221167, QC Sample No: BD29396 (BD28790 (5000X))									
<u>Volatiles - Soil</u>									
Trichloroethene	ND	107			87	82	5.9	70 - 130	30
QA/QC Batch 221070, QC Sample No: BD29475 (BD28790 (100X))									
<u>Volatiles - Soil</u>									
1,1,1,2-Tetrachloroethane	ND	110	113	2.7	96	115	18.0	70 - 130	30
1,1,1-Trichloroethane	ND	106	107	0.9	101	117	14.7	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	99	105	5.9	102	118	14.5	70 - 130	30
1,1,2-Trichloroethane	ND	99	109	9.6	92	109	16.9	70 - 130	30
1,1-Dichloroethane	ND	100	108	7.7	99	120	19.2	70 - 130	30
1,1-Dichloroethene	ND	97	99	2.0	100	115	14.0	70 - 130	30
1,1-Dichloropropene	ND	96	98	2.1	94	106	12.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	97	114	16.1	60	82	31.0	70 - 130	30 m,r
1,2,3-Trichloropropane	ND	107	103	3.8	106	113	6.4	70 - 130	30
1,2,4-Trimethylbenzene	ND	106	106	0.0	97	111	13.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	99	113	13.2	90	113	22.7	70 - 130	30
1,2-Dibromoethane	ND	97	110	12.6	91	111	19.8	70 - 130	30
1,2-Dichloroethane	ND	96	104	8.0	93	111	17.6	70 - 130	30
1,2-Dichloropropane	ND	99	103	4.0	96	112	15.4	70 - 130	30
1,3,5-Trimethylbenzene	ND	105	102	2.9	99	111	11.4	70 - 130	30
1,3-Dichloropropane	ND	98	107	8.8	94	112	17.5	70 - 130	30
2,2-Dichloropropane	ND	128	126	1.6	95	123	25.7	70 - 130	30
2-Chlorotoluene	ND	102	101	1.0	96	107	10.8	70 - 130	30
2-Hexanone	ND	120	142	16.8	77	96	22.0	70 - 130	30 l
2-Isopropyltoluene	ND	101	99	2.0	95	109	13.7	70 - 130	30
4-Chlorotoluene	ND	102	101	1.0	96	107	10.8	70 - 130	30
4-Methyl-2-pentanone	ND	95	111	15.5	87	108	21.5	70 - 130	30
Acetone	ND	148	>150	NC	66	83	22.8	70 - 130	30 l,m
Acrylonitrile	ND	92	106	14.1	72	92	24.4	70 - 130	30
Benzene	ND	98	101	3.0	98	110	11.5	70 - 130	30
Bromobenzene	ND	101	103	2.0	95	107	11.9	70 - 130	30
Bromochloromethane	ND	97	105	7.9	94	111	16.6	70 - 130	30
Bromodichloromethane	ND	102	108	5.7	94	111	16.6	70 - 130	30
Bromoform	ND	110	117	6.2	90	110	20.0	70 - 130	30
Bromomethane	ND	103	108	4.7	108	120	10.5	70 - 130	30
Carbon Disulfide	ND	88	91	3.4	99	115	15.0	70 - 130	30
Carbon tetrachloride	ND	109	108	0.9	95	111	15.5	70 - 130	30
Chlorobenzene	ND	102	104	1.9	93	107	14.0	70 - 130	30
Chloroethane	ND	99	103	4.0	103	119	14.4	70 - 130	30
Chloroform	ND	100	105	4.9	98	116	16.8	70 - 130	30
Chloromethane	ND	90	95	5.4	100	114	13.1	70 - 130	30
cis-1,3-Dichloropropene	ND	107	114	6.3	94	115	20.1	70 - 130	30
Dibromochloromethane	ND	108	114	5.4	93	115	21.2	70 - 130	30
Dibromomethane	ND	98	109	10.6	91	111	19.8	70 - 130	30
Dichlorodifluoromethane	ND	80	83	3.7	96	110	13.6	70 - 130	30
Ethylbenzene	ND	100	100	0.0	95	110	14.6	70 - 130	30
Hexachlorobutadiene	ND	94	101	7.2	65	84	25.5	70 - 130	30 m
Isopropylbenzene	ND	104	100	3.9	102	112	9.3	70 - 130	30
m&p-Xylene	ND	101	103	2.0	95	109	13.7	70 - 130	30
Methyl ethyl ketone	ND	125	>150	NC	78	107	31.4	70 - 130	30 l,r
Methyl t-butyl ether (MTBE)	ND	88	106	18.6	84	117	32.8	70 - 130	30 r

QA/QC Data

SDG I.D.: GBD28790

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methylene chloride	1.3 JS	93	100	7.3	91	110	18.9	70 - 130	30	
Naphthalene	ND	89	121	30.5	58	97	50.3	70 - 130	30	m,r
n-Butylbenzene	ND	109	106	2.8	90	105	15.4	70 - 130	30	
n-Propylbenzene	ND	109	106	2.8	99	110	10.5	70 - 130	30	
o-Xylene	ND	103	105	1.9	94	110	15.7	70 - 130	30	
p-Isopropyltoluene	ND	107	104	2.8	94	107	12.9	70 - 130	30	
sec-Butylbenzene	ND	103	100	3.0	96	108	11.8	70 - 130	30	
Styrene	ND	101	106	4.8	94	107	12.9	70 - 130	30	
tert-Butylbenzene	ND	103	100	3.0	98	109	10.6	70 - 130	30	
Tetrahydrofuran (THF)	ND	89	106	17.4	92	117	23.9	70 - 130	30	
Toluene	ND	98	101	3.0	96	108	11.8	70 - 130	30	
trans-1,2-Dichloroethene	ND	102	103	1.0	100	114	13.1	70 - 130	30	
trans-1,3-Dichloropropene	ND	115	125	8.3	95	123	25.7	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	129	143	10.3	100	134	29.1	70 - 130	30	l,m
Trichlorofluoromethane	ND	98	105	6.9	99	118	17.5	70 - 130	30	
Trichlorotrifluoroethane	ND	95	99	4.1	98	118	18.5	70 - 130	30	
Vinyl chloride	ND	94	95	1.1	101	115	13.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	98	99	1.0	100	99	1.0	70 - 121	30	
% Bromofluorobenzene	97	98	101	3.0	98	99	1.0	59 - 113	30	
% Dibromofluoromethane	97	94	99	5.2	96	100	4.1	70 - 130	30	
% Toluene-d8	100	100	100	0.0	102	101	1.0	84 - 138	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

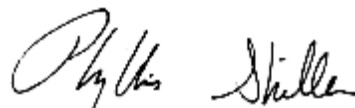
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

March 01, 2013

Sample Criteria Exceedences Report

Requested Criteria: 375, 375RS

GBD28790 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD28790	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	580	210	210	ug/Kg
BD28790	\$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	580	20	20	ug/Kg
BD28790	\$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	5800	50	50	ug/Kg
BD28790	\$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	210	580	50	50	ug/Kg
BD28790	\$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	1600	580	190	190	ug/Kg
BD28790	\$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	580	270	270	ug/Kg
BD28790	\$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	38000	6100	250	250	ug/Kg
BD28790	\$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3500	120	120	ug/Kg
BD28790	\$8260MADPR	Chloroform	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	580	370	370	ug/Kg
BD28790	\$8260MADPR	Methyl t-butyl ether (MTBE)	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1200	930	930	ug/Kg
BD28790	\$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	580	60	60	ug/Kg
BD28790	\$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	120	580	20	20	ug/Kg
BD28790	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Residential	350000	27000	10000	10000	ug/Kg
BD28790	\$8260MADPR	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	350000	27000	470	470	ug/Kg
BD28790	\$8260MADPR	Toluene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	790	580	700	700	ug/Kg
BD28790	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Residential	36000	6100	5500	5500	ug/Kg
BD28790	\$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	36000	6100	1300	1300	ug/Kg
BD28790	\$8260MADPR	1,3-Dichlorobenzene	NY / 375-6.8 Volatiles / Residential	64000	6500	17000	17000	ug/Kg
BD28790	\$8260MADPR	1,3-Dichlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	64000	6500	2400	2400	ug/Kg
BD28790	\$8260MADPR	1,4-Dichlorobenzene	NY / 375-6.8 Volatiles / Residential	44000	6500	9800	9800	ug/Kg
BD28790	\$8260MADPR	1,4-Dichlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	44000	6500	1800	1800	ug/Kg
BD28790	\$8260MADPR	1,2-Dichlorobenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	44000	6500	1100	1100	ug/Kg
BD28790	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2800	330	330	ug/Kg
BD28790	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2800	330	330	ug/Kg
BD28790	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2800	2400	2400	ug/Kg
BD28790	\$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2800	800	800	ug/Kg
BD28790	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1800	2800	1000	1000	ug/Kg
BD28790	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	2800	1000	1000	ug/Kg
BD28790	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2700	2800	1000	1000	ug/Kg
BD28790	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2700	2800	1000	1000	ug/Kg
BD28790	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4100	2800	1000	1000	ug/Kg
BD28790	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4100	2800	1000	1000	ug/Kg
BD28790	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1600	2800	1000	1000	ug/Kg
BD28790	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	2800	800	800	ug/Kg
BD28790	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2200	2800	1000	1000	ug/Kg
BD28790	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2200	2800	1000	1000	ug/Kg
BD28790	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2800	500	500	ug/Kg
BD28790	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2800	500	500	ug/Kg
BD28790	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2800	330	330	ug/Kg
BD28790	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2800	330	330	ug/Kg
BD28794	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	34	2.6	3.3	3.3	ug/Kg

Sample Criteria Exceedences Report

Requested Criteria: 375, 375RS

GBD28790 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD28794	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Residential	55	1.8	39	39	ug/Kg
BD28794	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	55	1.8	5	5	ug/Kg
BD28794	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	160	13	3.3	3.3	ug/Kg
BD28794	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	140	13	3.3	3.3	ug/Kg
BD28802	\$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg
BD28802	\$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BD28802	\$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2500	50	50	ug/Kg
BD28802	\$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	120	250	50	50	ug/Kg
BD28802	\$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	190	190	ug/Kg
BD28802	\$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	120	120	ug/Kg
BD28802	\$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	60	60	ug/Kg
BD28802	\$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	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

March 01, 2013

SDG I.D.: GBD28790

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



Thursday, March 07, 2013

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

Project ID: 871 GRAND ST.
Sample ID#s: BD41817 - BD41822

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.

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", is written over a light blue horizontal line.

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



Analysis Report

March 07, 2013

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.#:

Custody Information

Collected by: SB
Received by: LB
Analyzed by: see "By" below

Date Time
02/28/13 13:20
03/01/13 16:37

Laboratory Data

SDG ID: GBD41817
Phoenix ID: BD41817

Project ID: 871 GRAND ST.
Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15
1,1,1-Trichloroethane	0.83	0.183	4.52	1.00	03/04/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	03/04/13	KCA	TO15
1,1-Dichloroethane	0.29	0.247	1.17	1.00	03/04/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	03/04/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	03/04/13	KCA	TO15
1,2,4-Trimethylbenzene	0.32	0.204	1.57	1.00	03/04/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	03/04/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	03/04/13	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	03/04/13	KCA	TO15
1,3-Dichlorobenzene	0.62	0.166	3.72	1.00	03/04/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	03/04/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15
4-Ethyltoluene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
4-Isopropyltoluene	ND	0.182	ND	1.00	03/04/13	KCA	TO15
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15
Acetone	25.5	0.421	60.5	1.00	03/04/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	03/04/13	KCA	TO15
Benzene	0.59	0.313	1.88	1.00	03/04/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	03/04/13	KCA	TO15
Bromodichloromethane	ND	0.149	ND	1.00	03/04/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	03/04/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	03/04/13	KCA	TO15
Carbon Disulfide	0.62	0.321	1.93	1.00	03/04/13	KCA	TO15
Carbon Tetrachloride	0.53	0.040	3.33	0.25	03/04/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	03/04/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	03/04/13	KCA	TO15
Chloroform	7.27	0.205	35.5	1.00	03/04/13	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	03/04/13	KCA	TO15
Cis-1,2-Dichloroethene	21.9	0.252	86.8	1.00	03/04/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	03/04/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	03/04/13	KCA	TO15
Dichlorodifluoromethane	0.66	0.202	3.26	1.00	03/04/13	KCA	TO15
Ethanol	11.7	0.531	22.0	1.00	03/04/13	KCA	TO15 1
Ethyl acetate	0.5	0.278	1.80	1.00	03/04/13	KCA	TO15 1
Ethylbenzene	0.45	0.230	1.95	1.00	03/04/13	KCA	TO15
Heptane	0.26	0.244	1.06	1.00	03/04/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	03/04/13	KCA	TO15
Hexane	0.65	0.284	2.29	1.00	03/04/13	KCA	TO15
Isopropylalcohol	6.06	0.407	14.9	1.00	03/04/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
m,p-Xylene	1.65	0.230	7.16	1.00	03/04/13	KCA	TO15
Methyl Ethyl Ketone	0.96	0.339	2.83	1.00	03/04/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	03/04/13	KCA	TO15
Methylene Chloride	0.46	0.288	1.60	1.00	03/04/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
o-Xylene	0.42	0.230	1.82	1.00	03/04/13	KCA	TO15
Propylene	1.14	0.581	1.96	1.00	03/04/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	03/04/13	KCA	TO15
Tetrachloroethene	31.6	0.037	214	0.25	03/04/13	KCA	TO15
Tetrahydrofuran	0.5	0.339	1.47	1.00	03/04/13	KCA	TO15 1
Toluene	2.12	0.266	7.98	1.00	03/04/13	KCA	TO15
Trans-1,2-Dichloroethene	0.44	0.252	1.74	1.00	03/04/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15
Trichloroethene	87.2	0.047	468	0.25	03/04/13	KCA	TO15
Trichlorofluoromethane	0.25	0.178	1.40	1.00	03/04/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	03/04/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	03/04/13	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	111	%	111	%	03/04/13	KCA	TO15

Project ID: 871 GRAND ST.

Phoenix I.D.: BD41817

Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

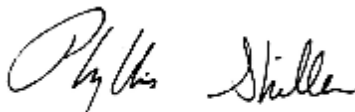
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

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

March 07, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

March 07, 2013

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.#:

Custody Information

Collected by: SB
Received by: LB
Analyzed by: see "By" below

Date Time
02/28/13 13:35
03/01/13 16:37

Laboratory Data

SDG ID: GBD41817
Phoenix ID: BD41818

Project ID: 871 GRAND ST.
Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15 1
1,1,1-Trichloroethane	7.73	0.183	42.1	1.00	03/04/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	03/04/13	KCA	TO15
1,1-Dichloroethane	1.56	0.247	6.31	1.00	03/04/13	KCA	TO15
1,1-Dichloroethene	0.7	0.252	2.77	1.00	03/04/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	03/04/13	KCA	TO15
1,2,4-Trimethylbenzene	0.24	0.204	1.18	1.00	03/04/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,2-Dichloroethane	0.86	0.247	3.48	1.00	03/04/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	03/04/13	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	03/04/13	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	03/04/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	03/04/13	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15
Acetone	2.41	0.421	5.72	1.00	03/04/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	03/04/13	KCA	TO15
Benzene	0.32	0.313	1.02	1.00	03/04/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	03/04/13	KCA	TO15
Bromodichloromethane	ND	0.149	ND	1.00	03/04/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	03/04/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	03/04/13	KCA	TO15
Carbon Disulfide	ND	0.321	ND	1.00	03/04/13	KCA	TO15
Carbon Tetrachloride	0.95	0.040	5.97	0.25	03/04/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	03/04/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	03/04/13	KCA	TO15
Chloroform	6.28	0.205	30.6	1.00	03/04/13	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	03/04/13	KCA	TO15
Cis-1,2-Dichloroethene	552	0.252	2190	1.00	03/04/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	03/04/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	03/04/13	KCA	TO15
Dichlorodifluoromethane	0.56	0.202	2.77	1.00	03/04/13	KCA	TO15
Ethanol	4.2	0.531	7.91	1.00	03/04/13	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	03/04/13	KCA	TO15 1
Ethylbenzene	ND	0.230	ND	1.00	03/04/13	KCA	TO15
Heptane	ND	0.244	ND	1.00	03/04/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	03/04/13	KCA	TO15
Hexane	0.35	0.284	1.23	1.00	03/04/13	KCA	TO15
Isopropylalcohol	0.72	0.407	1.77	1.00	03/04/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
m,p-Xylene	0.66	0.230	2.86	1.00	03/04/13	KCA	TO15
Methyl Ethyl Ketone	ND	0.339	ND	1.00	03/04/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	03/04/13	KCA	TO15
Methylene Chloride	0.91	0.288	3.16	1.00	03/04/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
o-Xylene	ND	0.230	ND	1.00	03/04/13	KCA	TO15
Propylene	5.65	0.581	9.72	1.00	03/04/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	03/04/13	KCA	TO15
Tetrachloroethene	12.9	0.037	87.4	0.25	03/04/13	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	03/04/13	KCA	TO15 1
Toluene	1.15	0.266	4.33	1.00	03/04/13	KCA	TO15
Trans-1,2-Dichloroethene	27.3	0.252	108	1.00	03/04/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15
Trichloroethene	675	0.047	3620	0.25	03/04/13	KCA	TO15
Trichlorofluoromethane	0.4	0.178	2.24	1.00	03/04/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	03/04/13	KCA	TO15
Vinyl Chloride	0.19	0.098	0.485	0.25	03/04/13	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	110	%	110	%	03/04/13	KCA	TO15

Project ID: 871 GRAND ST.

Phoenix I.D.: BD41818

Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

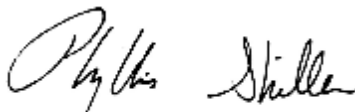
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

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

March 07, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

March 07, 2013

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.#:

Custody Information

Collected by: SB
Received by: LB
Analyzed by: see "By" below

Date Time
02/28/13 13:39
03/01/13 16:37

Laboratory Data

SDG ID: GBD41817
Phoenix ID: BD41819

Project ID: 871 GRAND ST.
Client ID: SG3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15 1
1,1,1-Trichloroethane	0.92	0.183	5.02	1.00	03/04/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	03/04/13	KCA	TO15
1,1-Dichloroethane	0.32	0.247	1.29	1.00	03/04/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	03/04/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	03/04/13	KCA	TO15
1,2,4-Trimethylbenzene	0.26	0.204	1.28	1.00	03/04/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	03/04/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	03/04/13	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	03/04/13	KCA	TO15
1,3-Dichlorobenzene	0.21	0.166	1.26	1.00	03/04/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	03/04/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15 1
4-Ethyltoluene	0.24	0.204	1.18	1.00	03/04/13	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15
Acetone	18	0.421	42.7	1.00	03/04/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	03/04/13	KCA	TO15
Benzene	0.75	0.313	2.39	1.00	03/04/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	03/04/13	KCA	TO15
Bromodichloromethane	ND	0.149	ND	1.00	03/04/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	03/04/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	03/04/13	KCA	TO15
Carbon Disulfide	2.29	0.321	7.12	1.00	03/04/13	KCA	TO15
Carbon Tetrachloride	0.22	0.040	1.38	0.25	03/04/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	03/04/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	03/04/13	KCA	TO15
Chloroform	2.03	0.205	9.90	1.00	03/04/13	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	03/04/13	KCA	TO15
Cis-1,2-Dichloroethene	57.6	0.252	228	1.00	03/04/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	03/04/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	03/04/13	KCA	TO15
Dichlorodifluoromethane	0.63	0.202	3.11	1.00	03/04/13	KCA	TO15
Ethanol	6.58	0.531	12.4	1.00	03/04/13	KCA	TO15 1
Ethyl acetate	0.42	0.278	1.51	1.00	03/04/13	KCA	TO15 1
Ethylbenzene	0.43	0.230	1.87	1.00	03/04/13	KCA	TO15
Heptane	0.45	0.244	1.84	1.00	03/04/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	03/04/13	KCA	TO15
Hexane	0.66	0.284	2.32	1.00	03/04/13	KCA	TO15
Isopropylalcohol	1.35	0.407	3.32	1.00	03/04/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
m,p-Xylene	1.55	0.230	6.73	1.00	03/04/13	KCA	TO15
Methyl Ethyl Ketone	0.87	0.339	2.56	1.00	03/04/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	03/04/13	KCA	TO15
Methylene Chloride	0.65	0.288	2.26	1.00	03/04/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
o-Xylene	0.39	0.230	1.69	1.00	03/04/13	KCA	TO15
Propylene	3.17	0.581	5.45	1.00	03/04/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	03/04/13	KCA	TO15
Tetrachloroethene	4.33	0.037	29.3	0.25	03/04/13	KCA	TO15
Tetrahydrofuran	0.36	0.339	1.06	1.00	03/04/13	KCA	TO15 1
Toluene	2.69	0.266	10.1	1.00	03/04/13	KCA	TO15
Trans-1,2-Dichloroethene	8.75	0.252	34.7	1.00	03/04/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15
Trichloroethene	109	0.047	585	0.25	03/04/13	KCA	TO15
Trichlorofluoromethane	0.29	0.178	1.63	1.00	03/04/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	03/04/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	03/04/13	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	109	%	109	%	03/04/13	KCA	TO15

Project ID: 871 GRAND ST.

Phoenix I.D.: BD41819

Client ID: SG3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

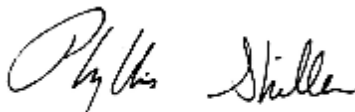
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

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

March 07, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

March 07, 2013

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.#:

Custody Information

Collected by: SB
Received by: LB
Analyzed by: see "By" below

Date Time
02/28/13 13:55
03/01/13 16:37

Laboratory Data

SDG ID: GBD41817
Phoenix ID: BD41820

Project ID: 871 GRAND ST.
Client ID: SG4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15 1
1,1,1-Trichloroethane	2.6	0.183	14.2	1.00	03/04/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	03/04/13	KCA	TO15
1,1-Dichloroethane	0.31	0.247	1.25	1.00	03/04/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	03/04/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	03/04/13	KCA	TO15
1,2,4-Trimethylbenzene	0.23	0.204	1.13	1.00	03/04/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	03/04/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	03/04/13	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	03/04/13	KCA	TO15
1,3-Dichlorobenzene	0.17	0.166	1.02	1.00	03/04/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	03/04/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	03/04/13	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15
Acetone	3.2	0.421	7.60	1.00	03/04/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	03/04/13	KCA	TO15
Benzene	ND	0.313	ND	1.00	03/04/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	03/04/13	KCA	TO15
Bromodichloromethane	ND	0.149	ND	1.00	03/04/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	03/04/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	03/04/13	KCA	TO15
Carbon Disulfide	1.06	0.321	3.30	1.00	03/04/13	KCA	TO15
Carbon Tetrachloride	0.21	0.040	1.32	0.25	03/04/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	03/04/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	03/04/13	KCA	TO15
Chloroform	5.45	0.205	26.6	1.00	03/04/13	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	03/04/13	KCA	TO15
Cis-1,2-Dichloroethene	3.23	0.252	12.8	1.00	03/04/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	03/04/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	03/04/13	KCA	TO15
Dichlorodifluoromethane	0.6	0.202	2.96	1.00	03/04/13	KCA	TO15
Ethanol	4.2	0.531	7.91	1.00	03/04/13	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	03/04/13	KCA	TO15 1
Ethylbenzene	0.35	0.230	1.52	1.00	03/04/13	KCA	TO15
Heptane	ND	0.244	ND	1.00	03/04/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	03/04/13	KCA	TO15
Hexane	ND	0.284	ND	1.00	03/04/13	KCA	TO15
Isopropylalcohol	2.23	0.407	5.48	1.00	03/04/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
m,p-Xylene	1.36	0.230	5.90	1.00	03/04/13	KCA	TO15
Methyl Ethyl Ketone	ND	0.339	ND	1.00	03/04/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	0.3	0.278	1.08	1.00	03/04/13	KCA	TO15
Methylene Chloride	0.49	0.288	1.70	1.00	03/04/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
o-Xylene	0.34	0.230	1.48	1.00	03/04/13	KCA	TO15
Propylene	1.84	0.581	3.16	1.00	03/04/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	03/04/13	KCA	TO15
Tetrachloroethene	1.5	0.037	10.2	0.25	03/04/13	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	03/04/13	KCA	TO15 1
Toluene	1.36	0.266	5.12	1.00	03/04/13	KCA	TO15
Trans-1,2-Dichloroethene	0.48	0.252	1.90	1.00	03/04/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15
Trichloroethene	34.9	0.047	187	0.25	03/04/13	KCA	TO15
Trichlorofluoromethane	0.31	0.178	1.74	1.00	03/04/13	KCA	TO15
Trichlorotrifluoroethane	0.14	0.130	1.07	1.00	03/04/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	03/04/13	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	107	%	107	%	03/04/13	KCA	TO15

Project ID: 871 GRAND ST.

Phoenix I.D.: BD41820

Client ID: SG4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

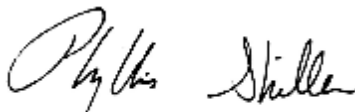
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

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

March 07, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

March 07, 2013

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.#:

Custody Information

Collected by: SB
Received by: LB
Analyzed by: see "By" below

Date Time
02/28/13 13:50
03/01/13 16:37

Laboratory Data

SDG ID: GBD41817
Phoenix ID: BD41821

Project ID: 871 GRAND ST.
Client ID: SG5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15
1,1,1-Trichloroethane	3.33	0.183	18.2	1.00	03/04/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	03/04/13	KCA	TO15
1,1-Dichloroethane	0.39	0.247	1.58	1.00	03/04/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	03/04/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	03/04/13	KCA	TO15
1,2,4-Trimethylbenzene	0.62	0.204	3.05	1.00	03/04/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	03/04/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	03/04/13	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	03/04/13	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	03/04/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15
4-Ethyltoluene	0.26	0.204	1.28	1.00	03/04/13	KCA	TO15
4-Isopropyltoluene	ND	0.182	ND	1.00	03/04/13	KCA	TO15
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15
Acetone	5	0.421	11.9	1.00	03/04/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	03/04/13	KCA	TO15
Benzene	0.42	0.313	1.34	1.00	03/04/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	03/04/13	KCA	TO15
Bromodichloromethane	ND	0.149	ND	1.00	03/04/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	03/04/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	03/04/13	KCA	TO15
Carbon Disulfide	3.04	0.321	9.46	1.00	03/04/13	KCA	TO15
Carbon Tetrachloride	0.13	0.040	0.817	0.25	03/04/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	03/04/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	03/04/13	KCA	TO15
Chloroform	3.32	0.205	16.2	1.00	03/04/13	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	03/04/13	KCA	TO15
Cis-1,2-Dichloroethene	13.5	0.252	53.5	1.00	03/04/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	03/04/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	03/04/13	KCA	TO15
Dichlorodifluoromethane	0.92	0.202	4.55	1.00	03/04/13	KCA	TO15
Ethanol	3.33	0.531	6.27	1.00	03/04/13	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	03/04/13	KCA	TO15 1
Ethylbenzene	1.18	0.230	5.12	1.00	03/04/13	KCA	TO15
Heptane	0.36	0.244	1.47	1.00	03/04/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	03/04/13	KCA	TO15
Hexane	0.41	0.284	1.44	1.00	03/04/13	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	03/04/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
m,p-Xylene	4.57	0.230	19.8	1.00	03/04/13	KCA	TO15
Methyl Ethyl Ketone	0.38	0.339	1.12	1.00	03/04/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	03/04/13	KCA	TO15
Methylene Chloride	ND	0.288	ND	1.00	03/04/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
o-Xylene	1.17	0.230	5.08	1.00	03/04/13	KCA	TO15
Propylene	ND	0.581	ND	1.00	03/04/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	03/04/13	KCA	TO15
Tetrachloroethene	4.3	0.037	29.1	0.25	03/04/13	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	03/04/13	KCA	TO15 1
Toluene	3.71	0.266	14.0	1.00	03/04/13	KCA	TO15
Trans-1,2-Dichloroethene	1.11	0.252	4.40	1.00	03/04/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15
Trichloroethene	143	0.047	768	0.25	03/04/13	KCA	TO15
Trichlorofluoromethane	0.28	0.178	1.57	1.00	03/04/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	03/04/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	03/04/13	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	109	%	109	%	03/04/13	KCA	TO15

Project ID: 871 GRAND ST.

Phoenix I.D.: BD41821

Client ID: SG5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

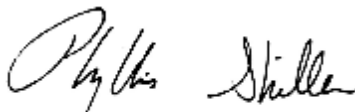
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

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

March 07, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

March 07, 2013

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.#:

Custody Information

Collected by: SB
Received by: LB
Analyzed by: see "By" below

Date Time
02/28/13 13:53
03/01/13 16:37

Laboratory Data

SDG ID: GBD41817
Phoenix ID: BD41822

Project ID: 871 GRAND ST.
Client ID: SG6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15 1
1,1,1-Trichloroethane	2.17	0.183	11.8	1.00	03/04/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	03/04/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	03/04/13	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	03/04/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	03/04/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	03/04/13	KCA	TO15
1,2,4-Trimethylbenzene	0.32	0.204	1.57	1.00	03/04/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	03/04/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	03/04/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	03/04/13	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	03/04/13	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	03/04/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	03/04/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	03/04/13	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	03/04/13	KCA	TO15
Acetone	3.69	0.421	8.76	1.00	03/04/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	03/04/13	KCA	TO15
Benzene	0.47	0.313	1.50	1.00	03/04/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	03/04/13	KCA	TO15
Bromodichloromethane	ND	0.149	ND	1.00	03/04/13	KCA	TO15

Client ID: SG6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	03/04/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	03/04/13	KCA	TO15
Carbon Disulfide	4.17	0.321	13.0	1.00	03/04/13	KCA	TO15
Carbon Tetrachloride	0.08	0.040	0.503	0.25	03/04/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	03/04/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	03/04/13	KCA	TO15
Chloroform	0.52	0.205	2.54	1.00	03/04/13	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	03/04/13	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	03/04/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	03/04/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	03/04/13	KCA	TO15
Dichlorodifluoromethane	0.7	0.202	3.46	1.00	03/04/13	KCA	TO15
Ethanol	10.1	0.531	19.0	1.00	03/04/13	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	03/04/13	KCA	TO15 1
Ethylbenzene	0.79	0.230	3.43	1.00	03/04/13	KCA	TO15
Heptane	0.3	0.244	1.23	1.00	03/04/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	03/04/13	KCA	TO15
Hexane	0.36	0.284	1.27	1.00	03/04/13	KCA	TO15
Isopropylalcohol	1	0.407	2.46	1.00	03/04/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	03/04/13	KCA	TO15
m,p-Xylene	3.01	0.230	13.1	1.00	03/04/13	KCA	TO15
Methyl Ethyl Ketone	ND	0.339	ND	1.00	03/04/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	03/04/13	KCA	TO15
Methylene Chloride	ND	0.288	ND	1.00	03/04/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
o-Xylene	0.75	0.230	3.25	1.00	03/04/13	KCA	TO15
Propylene	0.68	0.581	1.17	1.00	03/04/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	03/04/13	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	03/04/13	KCA	TO15
Tetrachloroethene	2.47	0.037	16.7	0.25	03/04/13	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	03/04/13	KCA	TO15 1
Toluene	3.08	0.266	11.6	1.00	03/04/13	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	03/04/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	03/04/13	KCA	TO15
Trichloroethene	58.2	0.047	312	0.25	03/04/13	KCA	TO15
Trichlorofluoromethane	0.28	0.178	1.57	1.00	03/04/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	03/04/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	03/04/13	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	109	%	109	%	03/04/13	KCA	TO15

Project ID: 871 GRAND ST.

Phoenix I.D.: BD41822

Client ID: SG6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

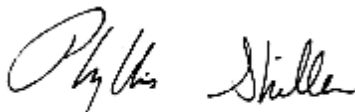
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

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

March 07, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



QA/QC Report

March 07, 2013

QA/QC Data

SDG I.D.: GBD41817

Parameter	Blank ppbv	Blank 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 222747, QC Sample No: BD41647 (BD41817, BD41818, BD41819, BD41820, BD41821, BD41822)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	78	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	114	12.1	9.88	5.1	4.16	20.3	70 - 130	20
Acrylonitrile	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	97	1.21	1.08	0.38	0.34	11.1	70 - 130	20
Benzyl chloride	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	ND	104	0.566	0.566	0.09	0.09	0.0	70 - 130	20
Chlorobenzene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	99	1.36	1.28	0.66	0.62	6.3	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	118	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	104	2.62	2.42	0.53	0.49	7.8	70 - 130	20
Ethanol	ND	ND	98	150	137	79.6	72.7	9.1	70 - 130	20

QA/QC Data

SDG I.D.: GBD41817

Parameter	Blank ppbv	Blank 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	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Heptane	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Hexachlorobutadiene	ND	ND	77	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Isopropylalcohol	ND	ND	102	1.96	1.72	0.8	0.7	13.3	70 - 130	20
Isopropylbenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Methyl Ethyl Ketone	ND	ND	101	1.33	1.24	0.45	0.42	6.9	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	99	2.57	1.11	0.74	0.32	79.2	70 - 130	20
n-Butylbenzene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Propylene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
sec-Butylbenzene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	112	0.474	0.339	0.07	0.05	33.3	70 - 130	20
Tetrahydrofuran	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	107	1.28	1.05	0.34	0.28	19.4	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	106	1.91	1.68	0.34	0.3	12.5	70 - 130	20
Trichlorotrifluoroethane	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	78	78	103	107	107	107	107	0.0	70 - 130	20

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
March 07, 2013

Thursday, March 07, 2013

Requested Criteria: None

State: NY

Sample Criteria Exceedences Report

GBD41817 - EBC

Page 1 of 1

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

*** No Data to Display ***

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



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.945.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD AIR ANALYSES

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

P.O. # _____ Page 1 of 1

Data Delivery:

☐ Fax #:

☒ Email: csosik@ebcincny.com

☐ Phone #:

Report to:	EBC	Invoice to:	EBC	Project Name:	871 Grand St.
Customer:	EBC			Criteria Requested:	Deliverable: ☐ RCP
Address:	1808 Middle Country Rd. Ridge, NY	Sampled by:	S. Babygatsky		MCP ☐
				State where samples collected:	NY

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
THIS SECTION FOR LAB USE ONLY																	
41817	SG1	218	6.0	-30	-4	5652		1126	1320	2/28/13	-28	-6		X			X
41818	SG2	12871			-2	5674		1131	1335		-29	-4					
41819	SG3	13647			-0	5671		1139	1339		-29	-4					
41820	SG4	223			-1	5655		1141	1355		-28	-4					
41821	SG5	172			-0	5675		1142	1351		-30	-4					
41822	SG6	13639			-0	5353		1143	1353		-30	-3					
	GL - 2 HR																

Relinquished by:	Accepted by:	Date:	Time:	Data Format:	Excel ☒	PDF ☒	Equis ☐	Other: ☐	GISKey ☐
		2-28-13	9:20						

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

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

Signature: Date: 2-28-13

Quote Number: _____

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

Project Name: 871 Grand Street
Location: Brooklyn, New York
Project Number: 3020-002
SDG #: GBD28790
Client: Environmental Business Consultants
Date: 04/12/2013
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for twelve (12) soil samples and two (2) trip blanks analyzed for Volatiles by SW-846 Method 8260B in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 02/06/2013. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 02/07/2013 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
B7 1-3	BD28790	02/6/13	VOA	Soil	
B7 12-14	BD28791	02/6/13	VOA	Soil	
B8 12-14	BD28792	02/6/13	VOA	Soil	
B8 38-40	BD28793	02/6/13	VOA	Soil	
B9 12-14	BD28794	02/6/13	VOA	Soil	
B10 12-14	BD28795	02/6/13	VOA	Soil	
B11 12-14	BD28796	02/6/13	VOA	Soil	
B11 38-40	BD28797	02/6/13	VOA	Soil	
B12 12-14	BD28798	02/6/13	VOA	Soil	
B12 38-40	BD28799	02/6/13	VOA	Soil	
B7 38-40	BD28800	02/6/13	VOA	Soil	
DUPLICATE	BD28801	02/6/13	VOA	Soil	Field Duplicate of sample B11 12-14
Trip Blank Hi	BD28802	02/6/13	VOA	Soil	Trip Blank
Trip Blank Low	BD28803	02/6/13	VOA	Soil	Trip Blank

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within 14days 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 02/12/2013 (Chem03) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (> 0.050) with the following exception(s):

Compound	RRF	%RSD
Acetone ⁽¹⁾	A	40.0
2,2-Dichloropropane ⁽¹⁾	A	25.1
Trans-1,3-Dichloropropene ⁽¹⁾	A	22.8
Trans-1,4-Dichloro-2-butene ⁽¹⁾	A	43.2

A= Acceptable

- ⁽¹⁾= The above listed compounds were not detected in any of the associated samples. Therefore, no action was required.

Continuing Calibration Verification (CCV):

1. CCV analyzed on 02/12/2013 @ 03:40AM (CHEM03) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$. No qualifications were required.
2. CCV analyzed on 02/12/2013 @ 05:07PM (CHEM03) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$. No qualifications were required.
3. CCV analyzed on 02/13/2013 @ 05:19AM (CHEM03) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$. No qualifications are 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 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 (BD28792) was analyzed on 02/12/2013.

Laboratory Sample ID	Compound	Results (µg/Kg)	Action Level (2x CRQL) (µg/Kg)	Sample Affected	Action
BLANK BD28792	Methylene Chloride	1.1	5.0	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE Trip Blank-Low Trip Blank-High	None None None U U U None U
	Acetone	9.4	50	B7 12-14, B8 12-14, B9 12-14, B10 12-14, B7 38-40, B8 38-40, B11 12-14, B11 38-40, B12 38-40, B12 12-14, DUPLICATE Trip Blank-Low Trip Blank-High	U U None None None None U None

2. Method Blank (BD29396) was analyzed on 02/12/2013.

Laboratory Sample ID	Compound	Results (µg/Kg)	Action Level (2x CRQL) (µg/Kg)	Sample Affected	Action
BLANK BD29396	Acetone	9.7	50.0	B7 1-3 DL	None

3. Method Blank (BD29475) was analyzed on 02/12/2013.

Laboratory Sample ID	Compound	Results (µg/Kg)	Action Level (2x CRQL) (µg/Kg)	Sample Affected	Action
BLANK BB93971	Methylene Chloride	1.3	5.0	B7 1-3, B7 1-3 DL	None

4. Trip Blank- Hi (BD28802) was analyzed on 02/12/2013 associated with this SDG was free of contamination. No qualifications were required.
5. Trip Blank-Low (BD28803) analyzed on 02/12/2013 associated with this SDG 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: BD28792 were analyzed on 02/12/2013. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acetone	157/155/A	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE, Trip Blank-Low, Trip Blank-High	None
Acrylonitrile	21/22/A	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE, Trip Blank-Low, Trip Blank-High	UJ
2,2-Dichloropropane	A/142/A	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE, Trip Blank-Low, Trip Blank-High	None
Methyl Ethyl Ketone	142/136/A	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE, Trip Blank-Low, Trip Blank-High	None
Carbon Tetrachloride	A/133/A	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE, Trip Blank-Low, Trip Blank-High	None
Trans-1,3-Dichloropropene	A/131/A	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE, Trip Blank-Low, Trip Blank-High	None
2-Hexanone	134/A/A	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE, Trip Blank-Low, Trip Blank-High	None
Dibromochloromethane	A/130/A	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE, Trip Blank-Low, Trip	None

Compound	%R/%R/RPD	Sample Affected	Action
		Blank-High	
1,1,1,2-Tetrachloroethane	A/134/A	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE, Trip Blank-Low, Trip Blank-High	None
Bromoform	A/133/A	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE, Trip Blank-Low, Trip Blank-High	None
Trans-1,4-Dichloro-2-Butene	A/138/A	B7 12-14, B8 12-14, B8 38-40, B9 12-14, B10 12-14, B11 12-14, B11 38-40, B12 12-14, B12 38-40, B7 38-40, DUPLICATE, Trip Blank-Low, Trip Blank-High	None

A= Acceptable

2. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BD29396 were analyzed on 02/12/2013. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acetone	132	B7 1-3 DL (4704X)	None
Acrylonitrile	20	B7 1-3 DL (4704X)	None
2,2-Dichloropropane	130	B7 1-3 DL (4704X)	None
Trans-1,4-Dichloro-2-butene	134	B7 1-3 DL (4704X)	None

A= Acceptable

3. Laboratory Control Sample and Laboratory Control Sample Duplicate associated with Batch ID: BD29475 were analyzed on 02/12/2013. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Acetone	148/179/A	B7 1-3 (94.07X)	None
Acrylonitrile	18/21/A	B7 1-3 (94.07X)	UJ
Methyl Ethyl Ketone	A/151/A	B7 1-3 (94.07X)	None
2-Hexanone	A/142/A	B7 1-3 (94.07X)	None
Trans-1,4-Dichloro-2-Butene	A/143/A	B7 1-3 (94.07X)	None
Naphthalene	A/A/30.5	B7 1-3 (94.07X)	J

A= Acceptable

Field Duplicate:

1. Sample Duplicate (BD28801) was collected as a field duplicate of sample B11 12-14 (BD28796). Both samples were reported as non-detects. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) and Matrix Spike duplicate (MSD) were performed on sample B8 12-14 (BD28792). All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%REC/%REC/RPD	Action
Acetone	38/50/A	UJ
Acrylonitrile	18/19/A	UJ
2-Hexanone	53/57/A	UJ
o-Xylene	189/193/A	None
Styrene	185/188/A	None
Naphthalene	A/A/30.6	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:

$$Cx = \frac{(Ax)(IS)(DF)}{(Ais)(RRF)(V)(\%Solids)}$$

Cx = concentration of analyte as ug/kg

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

Ais = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF= Mean relative response factor from the initial calibration.

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

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

B7 38-40 (BD28800)

Naphthalene

Sample weight= 6.06g

Volume purged=5.0ml

DF = 1

%Solids=87%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{31882 \times 50 \times 1 \times 5}{168100 \times 2.425 \times 6.06 \times 0.87} = 3.7 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Trichloroethene	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: GBD28790.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBD28790.

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

Project Name: 871 Grand Street
Location: Brooklyn, New York
Project Number: 3020-002
SDG #: GBD28790
Client: Environmental Business Consultants
Date: 04/15/2013
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for eight (8) soil samples analyzed for Semi-volatiles by SW-846 Method 8270C in accordance with the NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 02/06/2013. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 02/07/2013 for analysis.
3. The USEPA Region-II SOP HW-22, Revision 4, August 2008, 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
B7 1-3	BD28790	02/6/13	SVO	Soil	
B7 12-14	BD28791	02/6/13	SVO	Soil	
B8 12-14	BD28792	02/6/13	SVO	Soil	
B9 12-14	BD28794	02/6/13	SVO	Soil	
B10 12-14	BD28795	02/6/13	SVO	Soil	
B11 12-14	BD28796	02/6/13	SVO	Soil	
B12 12-14	BD28798	02/6/13	SVO	Soil	
DUPLICATE	BD28801	02/6/13	SVO	Soil	Field Duplicate of sample B11 12-14

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14days 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 02/07/2013 (CHEM12) exhibited acceptable %RSDs ($\leq 30.0\%$) for CCC compounds and average RRF values for SPCC compounds. Also, %RSDs for all other compounds were $\leq 20.0\%$ and average RRF (>0.050) with the following exception(s):

Compound	RRF	%RSD
Aniline ⁽¹⁾	A	29.9
4-Chloroaniline ⁽¹⁾	0.030	39.5
2,4-Dinitrophenol ⁽¹⁾	A	22.8
2-Nitroaniline ⁽¹⁾	A	28.3
Carbazole ⁽¹⁾	A	22.7
3,3'-Dichlorobenzidine ⁽¹⁾	A	21.8

A= Acceptable

NA=Not Analyzed

⁽¹⁾= The above listed compounds were not detected in any of the associated samples. Therefore, no action was required.

Continuing Calibration Verification (CCV):

- CCV analyzed on 02/08/2013 @ 08:48AM (CHEM12) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$ with the following exception(s):

Compound	RRF	%D
Aniline	A	48.4
4-Chloroaniline	0.030	52.3
3,3'-Dichlorobenzidine	A	21.4

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
B7 1-3	BD28790	Aniline, 4-Chloroaniline, 3,3'-Dichlorobenzidine	UJ
SB7 12-14	BD28791	Aniline, 4-Chloroaniline, 3,3'-Dichlorobenzidine	UJ
SB8 12-14	BD28792	Aniline, 4-Chloroaniline, 3,3'-Dichlorobenzidine	UJ
SB9 12-14	BD28794	Aniline, 4-Chloroaniline, 3,3'-Dichlorobenzidine	UJ
SB10 12-14	BD28795	Aniline, 4-Chloroaniline, 3,3'-Dichlorobenzidine	UJ
SB11 12-14	BD28796	Aniline, 4-Chloroaniline, 3,3'-Dichlorobenzidine	UJ
SB12 12-14	BD28798	Aniline, 4-Chloroaniline, 3,3'-Dichlorobenzidine	UJ
DUPLICATE	BD28801	Aniline, 4-Chloroaniline, 3,3'-Dichlorobenzidine	UJ

- CCV analyzed on 02/08/2013 @ 18:18AM (CHEM12) exhibited acceptable %Ds ($\leq 20.0\%$) for CCC compounds and RRF values for SPCC compounds. Also, %Ds for all other compounds were $\leq 20.0\%$ with the following exception(s):

Compound	RRF	%D
4-Chloroaniline	0.030	-25.7
Hexachlorocyclopentadiene	A	32.9

Compound	RRF	%D
2,4-Dinitrophenol	A	53.5
2-Nitroaniline	A	28.7
4,6-Dinitro-2-methylphenol	A	39.9
Carbazole	A	48.4
Indeno(1,2,3-cd)pyrene	A	32.7
Dibenz(a,h)anthracene	A	30.7
Benzo(ghi)perylene	A	39.8

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
B7 1-3	BD28790	4-Chloroaniline, hexachlorocyclopentadiene, 2-nitroaniline, 4,6-dinitro-2-methylphenol, carbazole, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(ghi)perylene, 2,4-dinitrophenol	UJ UJ UJ UJ R ⁽¹⁾
SB7 12-14	BD28791	4-Chloroaniline, hexachlorocyclopentadiene, 2-nitroaniline, 4,6-dinitro-2-methylphenol, carbazole, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(ghi)perylene, 2,4-dinitrophenol	UJ UJ UJ UJ R ⁽¹⁾
SB8 12-14	BD28792	4-Chloroaniline, hexachlorocyclopentadiene, 2-nitroaniline, 4,6-dinitro-2-methylphenol, carbazole, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(ghi)perylene, 2,4-dinitrophenol	UJ UJ UJ UJ R ⁽¹⁾
SB9 12-14	BD28794	4-Chloroaniline, hexachlorocyclopentadiene, 2-nitroaniline, 4,6-dinitro-2-methylphenol, carbazole, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(ghi)perylene, 2,4-dinitrophenol	UJ UJ UJ UJ R ⁽¹⁾
SB10 12-14	BD28795	4-Chloroaniline, hexachlorocyclopentadiene, 2-nitroaniline, 4,6-dinitro-2-methylphenol, carbazole, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(ghi)perylene, 2,4-dinitrophenol	UJ UJ UJ UJ R ⁽¹⁾
SB11 12-14	BD28796	4-Chloroaniline, hexachlorocyclopentadiene, 2-nitroaniline, 4,6-dinitro-2-methylphenol, carbazole, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(ghi)perylene, 2,4-dinitrophenol	UJ UJ UJ UJ R ⁽¹⁾
SB12 12-14	BD28798	4-Chloroaniline, hexachlorocyclopentadiene, 2-nitroaniline, 4,6-dinitro-2-methylphenol, carbazole,	UJ UJ

Client Sample ID	Laboratory Sample ID	Compound	Action
		indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(ghi)perylene 2,4-dinitrophenol	UJ UJ R ⁽¹⁾
DUPLICATE	BD28801	4-Chloroaniline, hexachlorocyclopentadiene, 2-nitroaniline, 4,6-dinitro-2-methylphenol, carbazole, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, benzo(ghi)perylene 2,4-dinitrophenol	UJ UJ UJ UJ R ⁽¹⁾

⁽¹⁾ This compound result was rejected due to very low LCS recovery.

Surrogates:

1. All surrogate %REC values in the original extracts 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 (BD28792 BLANK) associated with the soil samples extracted on 02/07/2013 and analyzed on 02/08/2013 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: BD28792 were analyzed on 02/08/2013. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Benzoic Acid	3/3/A	B7 1-3, B7 12-14, B8 12-14, B9 12-14, B10 12-14, B11 12-14, B12 12-14, DUPLICATE	R
4-Chloroaniline	263/263/A	B7 1-3, B7 12-14, B8 12-14, B9 12-14, B10 12-14, B11 12-14, B12 12-14, DUPLICATE	None
2,4-Dinitrophenol	0/3/NC	B7 1-3, B7 12-14, B8 12-14, B9 12-14, B10 12-	R

Compound	%R/%R/RPD	Sample Affected	Action
		14, B11 12-14, B12 12-14, DUPLICATE	
2-Nitroaniline	228/243/A	B7 1-3, B7 12-14, B8 12-14, B9 12-14, B10 12-14, B11 12-14, B12 12-14, DUPLICATE	None
4,6-Dinitro-2-methylphenol	21/26/A	B7 1-3, B7 12-14, B8 12-14, B9 12-14, B10 12-14, B11 12-14, B12 12-14, DUPLICATE	UJ
Carbazole	192/196/A	B7 1-3, B7 12-14, B8 12-14, B9 12-14, B10 12-14, B11 12-14, B12 12-14, DUPLICATE	None
3,3'-dichlorobenzidine	246/261/A	B7 1-3, B7 12-14, B8 12-14, B9 12-14, B10 12-14, B11 12-14, B12 12-14, DUPLICATE	None

A= Acceptable

Field Duplicate:

1. Sample Duplicate (BD28801) was collected as a field duplicate of sample B11 12-14 (BD28796). Both samples were reported as non-detects. No qualifications were required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) and Matrix Spike duplicate (MSD) were performed on sample B8 12-14 (BD28792). %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%REC/%REC/RPD	Action
Benzoic Acid	0/0/NC	R ⁽¹⁾
4-Chloroaniline	225/222/A	None
2,4-Dinitrophenol	27/27/A	R ⁽¹⁾
2-Nitroaniline	241/243/A	None
Carbazole	206/199/A	None
Benzidine	20/19/A	UJ
3,3'-Dichlorobenzidine	247/239/A	None

A= Acceptable

⁽¹⁾Result was qualified rejected due to very low LCS recovery and low MS/MSD 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: B7 12-14 (BD28791)

Naphthalene

Sample weight: 15.39g

Final volume: 1ml

%Solids: 92%

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{47712 \times 40 \times 1\text{ml} \times 1000 \times 1}{1183476 \times 1.040 \times 15.39\text{g} \times 0.92} = 110 \mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Acenaphthylene	110	110	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: GBD28790.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBD28790.

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

Project Name: 871 Grand Street
Location: Brooklyn, New York
Project Number: 3020-002
SDG #: GBD28790
Client: Environmental Business Consultants
Date: 04/16/2013
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seven (7) 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 02/06/2013. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 02/07/2013 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
B7 12-14	BD28791	02/6/13	PCBs	Soil	
B8 12-14	BD28792	02/6/13	PCBs	Soil	
B9 12-14	BD28794	02/6/13	PCBs	Soil	
B10 12-14	BD28795	02/6/13	PCBs	Soil	
B11 12-14	BD28796	02/6/13	PCBs	Soil	
B12 12-14	BD28798	02/6/13	PCBs	Soil	
DUPLICATE	BD28801	02/6/13	PCBs	Soil	Field Duplicate of sample B11 12-14

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 02/11/2013 (ECD3) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 02/12/2013 (ECD3) exhibited acceptable %Ds ($\leq 15.0\%$) for all compounds. No qualifications were required.
2. All CCVs analyzed on 02/12/2013 (ECD3) exhibited acceptable %Ds ($\leq 15.0\%$) for all compounds. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil samples and associated QC were within the laboratory control limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (0207PBS) associated with the soil samples extracted on 02/07/2013 and analyzed on 02/11/2013 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: 0207 were analyzed on 02/11/2013. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample Duplicate (BD28801) was collected as a field duplicate of sample B11 12-14 (BD28796). Both samples were reported as non-detects. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) and Matrix Spike duplicate (MSD) were performed on sample B8 12-14 (BD28792). All %RECs and 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:

B8 12-14 MS (BD28792)

Aroclor-1260

On Column concentration (A)= 430.778ng

Sample weight= 15.08g

DF= 10

Vi= 5ml

%Solids= 93%

$$\text{Concentration } (\mu\text{g/kg}) \text{ (dry)} = \frac{430.778\text{ng} \times 5\text{ml} \times 10}{15.08\text{g} \times 0.93} = 1500\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Aroclor-1260	1500	1500	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: GBD28790.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBD28790.

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

Project Name: 871 Grand Street
Location: Brooklyn, New York
Project Number: 3020-002
SDG #: GBD28790
Client: Environmental Business Consultants
Date: 04/15/2013
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seven (7) 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 02/06/2013. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 02/07/2013 for analysis.
3. The USEPA Region-II SOP HW-44, Revision 1, October 2006, Validating Pesticide compounds by Gas Chromatography, SW-846 Method 8081B was used in evaluating the Pesticides data in this summary report.
4. In general, the data are valid as reported and may be used for decision making purposes. Selected data points were qualified due to nonconformance of certain Quality Control criteria (See discussion below).

Samples:

The samples included in this review are listed below:

Client Sample ID	Laboratory Sample ID	Collection Date	Analysis	Matrix	Sample Status
B7 12-14	BD28791	02/6/13	Pesticides	Soil	
B8 12-14	BD28792	02/6/13	Pesticides	Soil	
B9 12-14	BD28794	02/6/13	Pesticides	Soil	
B10 12-14	BD28795	02/6/13	Pesticides	Soil	
B11 12-14	BD28796	02/6/13	Pesticides	Soil	
B12 12-14	BD28798	02/6/13	Pesticides	Soil	
DUPLICATE	BD28801	02/6/13	Pesticides	Soil	Field Duplicate of sample B11 12-14

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were extracted within 14 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/ECD Instrument Performance Check:

1. 4,4'-DDT and Endrin breakdown exhibited acceptable results ($\pm 20\%$). No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 02/12/2013 (ECD13) exhibited acceptable %RSD on both columns. No qualifications were required.
2. Initial calibration curve analyzed on 02/12/2013 (ECD13) exhibited acceptable %RSD on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 02/12/2011 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all soil samples and associated QC were within the laboratory control limits. No qualifications were required.

Method Blank (MB), Storage Blank (SB), Trip Blank (TB), Field Blank (FB), Rinsate Blank (RB) and Equipment Blank (EB):

1. Method Blank (0207PBS) associated with the soil samples extracted on 02/07/2013 and analyzed on 02/12/2013 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: 0207 were analyzed on 02/12/2013. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample Duplicate (BD28801) was collected as a field duplicate of sample B11 12-14 (BD28796). Both samples were reported as non-detects. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) and Matrix Spike duplicate (MSD) were performed on sample B8 12-14 (BD28792). All %RECs and 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:

B9 12-14

Heptachlor

On Column concentration (A) = 9.684ng

Sample Weight= 15.13g

DF = 2

Vi= 5ml

%Solids= 92%

$$\text{Concentration } (\mu\text{g/kg})(\text{dry}) = \frac{9.684\text{ng} \times 5\text{ml} \times 2}{15.13\text{g} \times 0.92} = 7.0\mu\text{g/kg}$$

Compound	Laboratory ($\mu\text{g/kg}$)	Validation ($\mu\text{g/kg}$)	%D
Alpha-BHC	7.0	7.0	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: GBD28790.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBD28790.

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

Project Name: 871 Grand Street
Location: Brooklyn, New York
Project Number: 3020-002
SDG #: GBD28790
Client: Environmental Business Consultants
Date: 04/15/2013
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for seven (7) soil samples analyzed for the following analyses:
 - 1.1 Trace Metals-ICP-AES by SW-846 Method 6010B.
 - 1.2 Mercury by SW-846 Method 7471A.
2. The samples were collected on 02/06/2013. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 02/07/2013 for analysis.
3. The USEPA Region-II SOP No. HW-2, Revision 13, September 2006, Validation of Metals for Contract Laboratory Program (CLP), based on SOW-ILM05.3 (SOP Revision 13) was used in evaluating the Trace Metals 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
B7 12-14	BD28791	02/6/13	ICP and CVAA	Soil	
B8 12-14	BD28792	02/6/13	ICP and CVAA	Soil	
B9 12-14	BD28794	02/6/13	ICP and CVAA	Soil	
B10 12-14	BD28795	02/6/13	ICP and CVAA	Soil	
B11 12-14	BD28796	02/6/13	ICP and CVAA	Soil	
B12 12-14	BD28798	02/6/13	ICP and CVAA	Soil	
DUPLICATE	BD28801	02/6/13	ICP and CVAA	Soil	Field Duplicate of sample B11 12-14

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All soil samples were analyzed within the 6 months holding times for Trace Metals analysis by ICP-AES. No qualifications were required.
2. All soil samples were digested and analyzed within the 28 days holding times for Mercury analysis. No qualifications were required.

Initial and Continuing Calibration Verification (ICV and CCV):**ICP-AES:**

1. All %RECs in the ICV and CCVs were within QC limits (90-110%). No qualifications were required.

Mercury:

1. All correlation coefficient for Mercury calibration curve analyzed were ≥ 0.995 . No qualifications were required.

2. All ICVs and CCVs %REC values were within the QC limits (80-120%). No qualifications were required.

CRQL Check Standard (CRI):

1. All CRI analyzed on 06/06 and 07/2012 %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 (BD28792) digested on 02/07/2013 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 (BD28792BLK) digested on 02/08/2013 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 associated with Batch ID: 220791 were within the laboratory control limits (75-125%). No qualifications were required.

Field Duplicate:

1. Sample Duplicate (BD28801) was collected as a field duplicate of sample B11 12-14 (BD28796). All RPDs were < 50%. No qualifications were required.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
EP1	Aluminum	SW8466010B	6710	mg/kg	Duplicate	6370	mg/kg	5.2	None
EP1	Iron	SW8466010B	19700	mg/kg	Duplicate	16800	mg/kg	15.9	None
EP1	Manganese	SW8466010B	281	mg/kg	Duplicate	275	mg/kg	2.2	None
EP1	Lead	SW8466010B	5.5	mg/kg	Duplicate	3.9	mg/kg	34.0	None
EP1	Magnesium	SW8466010B	1550	mg/kg	Duplicate	2200	mg/kg	34.7	None
EP1	Nickel	SW8466010B	8.79	mg/kg	Duplicate	10.1	mg/kg	13.9	None
EP1	Potassium	SW8466010B	1050	mg/kg	Duplicate	1040	mg/kg	1.0	None
EP1	Barium	SW8466010B	28.1	mg/kg	Duplicate	23.5	mg/kg	17.8	None
EP1	Beryllium	SW8466010B	0.45	mg/kg	Duplicate	0.33	mg/kg	30.8	None
EP1	Chromium	SW8466010B	16.5	mg/kg	Duplicate	13.0	mg/kg	23.7	None
EP1	Cobalt	SW8466010B	4.74	mg/kg	Duplicate	4.20	mg/kg	12.1	None
EP1	Copper	SW8466010B	9.38	mg/kg	Duplicate	12.9	mg/kg	31.6	None
EP1	Vanadium	SW8466010B	24.6	mg/kg	Duplicate	20.8	mg/kg	16.7	None
EP1	Zinc	SW8466010B	22.4	mg/kg	Duplicate	33.5	mg/kg	39.7	None
EP1	Calcium	SW8466010B	526	mg/kg	Duplicate	542	mg/kg	3.0	None
EP1	Sodium	SW8466010B	54	mg/kg	Duplicate	46	mg/kg	16.0	None

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

ICP-AES and Mercury:

1. Matrix Spike (MS) was performed for ICP-AES on sample B8 12-14 (BD28792). All %Rs were within the laboratory control limits with the following exception(s):

Element	%R	Sample Affected	Action
Calcium	231	B7 12-14, B8 12-14, B9 12-14, B10 12-14, B11 12-14, B12 12-14, DUPLICATE	J
Potassium	147	B7 12-14, B8 12-14, B9 12-14, B10 12-14, B11 12-14, B12 12-14, DUPLICATE	J
Sodium	142	B7 12-14, B8 12-14, B9 12-14, B10 12-14, B11 12-14, B12 12-14, DUPLICATE	J

2. Matrix Spike (MS) was performed for mercury on sample B8 12-14 (BD28792). All %Rs were within the laboratory control limits. No qualifications were required.

Sample Duplicate:

ICP-AES and Mercury:

1. Sample Duplicate for ICP-AES was performed on sample B8 12-14 (BD28792). All RPDs were within the laboratory control limits. No qualifications were required.
2. Sample Duplicate for mercury was performed on sample B8 12-14 (BD28792). All RPDs were within the laboratory control limits. No qualifications were required.

ICP-AES Serial Dilution:

1. ICP serial dilution was performed on sample B8 12-14 (BD28792). 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. %Solids for all soil samples in this SDG were >50%. No qualifications were required.
3. Manual calculation:

Sample: B7 12-14 (BD28791)

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= 0.20g

%Solids =92.0

DF=1.0

$$\text{Concentration (mg/kg) (dry wt.)} = \frac{162.656ug/L \times 50 \times 1.0 \times 1L \times 1000g \times 1mg}{0.20 \times 0.92 \times 1000ml \times 1 kg \times 1000ug} = 44.2 \text{ mg/kg}$$

Compound	Laboratory (mg/kg)	Validation (mg/kg)	%D
Chromium	44.2	44.2	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: GBD28790.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBD28790.



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B10 12-14	BD28795	E160.3	02/07/13	1	SOLIDS, PERCENT	91	%		
B10 12-14	BD28795	SW6010	02/11/13	10	Aluminum	7980	mg/Kg		37
B10 12-14	BD28795	SW6010	02/11/13	10	Iron	22300	mg/Kg		37
B10 12-14	BD28795	SW6010	02/11/13	10	Manganese	235	mg/Kg		3.7
B10 12-14	BD28795	SW6010	02/11/13	1	Lead	5.6	mg/Kg		0.7
B10 12-14	BD28795	SW6010	02/11/13	1	Magnesium	1620	mg/Kg		3.7
B10 12-14	BD28795	SW6010	02/11/13	1	Nickel	10.8	mg/Kg		0.37
B10 12-14	BD28795	SW6010	02/11/13	1	Potassium	1150	mg/Kg	J	7
B10 12-14	BD28795	SW6010	02/11/13	1	Thallium		mg/Kg	U	0.6
B10 12-14	BD28795	SW6010	02/11/13	1	Antimony		mg/Kg	U	1.9
B10 12-14	BD28795	SW6010	02/11/13	1	Arsenic	0.8	mg/Kg		0.7
B10 12-14	BD28795	SW6010	02/11/13	1	Barium	37.0	mg/Kg		0.7
B10 12-14	BD28795	SW6010	02/11/13	1	Beryllium	0.44	mg/Kg		0.30
B10 12-14	BD28795	SW6010	02/11/13	1	Cadmium		mg/Kg	U	0.37
B10 12-14	BD28795	SW6010	02/11/13	1	Chromium	21.5	mg/Kg		0.37
B10 12-14	BD28795	SW6010	02/11/13	1	Cobalt	4.68	mg/Kg		0.37
B10 12-14	BD28795	SW6010	02/11/13	1	Copper	11.9	mg/Kg		0.37
B10 12-14	BD28795	SW6010	02/11/13	1	Vanadium	25.9	mg/Kg		0.4
B10 12-14	BD28795	SW6010	02/11/13	1	Zinc	24.0	mg/Kg		0.7
B10 12-14	BD28795	SW6010	02/11/13	1	Calcium	798	mg/Kg	J	3.7
B10 12-14	BD28795	SW6010	02/11/13	1	Selenium		mg/Kg	U	1.5
B10 12-14	BD28795	SW6010	02/11/13	1	Silver		mg/Kg	U	0.37
B10 12-14	BD28795	SW6010	02/11/13	1	Sodium	145	mg/Kg	J	7
B10 12-14	BD28795	SW7471	02/08/13	1	Mercury		mg/Kg	U	0.07
B10 12-14	BD28795	SW8081	02/12/13	1	Heptachlor epoxide		ug/Kg	U	1.8
B10 12-14	BD28795	SW8081	02/12/13	1	Endosulfan sulfate		ug/Kg	U	3.6
B10 12-14	BD28795	SW8081	02/12/13	1	Aldrin		ug/Kg	U	1.8
B10 12-14	BD28795	SW8081	02/12/13	1	a-BHC		ug/Kg	U	1.8
B10 12-14	BD28795	SW8081	02/12/13	1	b-BHC		ug/Kg	U	1.8
B10 12-14	BD28795	SW8081	02/12/13	1	d-BHC		ug/Kg	U	1.8
B10 12-14	BD28795	SW8081	02/12/13	1	Endosulfan II		ug/Kg	U	3.6
B10 12-14	BD28795	SW8081	02/12/13	1	4,4' -DDT		ug/Kg	U	2.6
B10 12-14	BD28795	SW8081	02/12/13	1	a-Chlordane		ug/Kg	U	3.6
B10 12-14	BD28795	SW8081	02/12/13	1	g-Chlordane		ug/Kg	U	3.6



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B10 12-14	BD28795	SW8081	02/12/13	1	Endrin ketone		ug/Kg	U	1.8
B10 12-14	BD28795	SW8081	02/12/13	1	Chlordane		ug/Kg	U	22
B10 12-14	BD28795	SW8081	02/12/13	1	g-BHC		ug/Kg	U	1.8
B10 12-14	BD28795	SW8081	02/12/13	1	Dieldrin		ug/Kg	U	1.8
B10 12-14	BD28795	SW8081	02/12/13	1	Endrin		ug/Kg	U	1.8
B10 12-14	BD28795	SW8081	02/12/13	1	Methoxychlor		ug/Kg	U	7.3
B10 12-14	BD28795	SW8081	02/12/13	1	4,4' -DDD		ug/Kg	U	2.6
B10 12-14	BD28795	SW8081	02/12/13	1	4,4' -DDE		ug/Kg	U	2.6
B10 12-14	BD28795	SW8081	02/12/13	1	Endrin aldehyde		ug/Kg	U	3.6
B10 12-14	BD28795	SW8081	02/12/13	1	Heptachlor		ug/Kg	U	1.8
B10 12-14	BD28795	SW8081	02/12/13	1	Toxaphene		ug/Kg	U	35
B10 12-14	BD28795	SW8081	02/12/13	1	Endosulfan I		ug/Kg	U	3.6
B10 12-14	BD28795	SW8082	02/12/13	1	PCB-1260		ug/Kg	U	36
B10 12-14	BD28795	SW8082	02/12/13	1	PCB-1254		ug/Kg	U	36
B10 12-14	BD28795	SW8082	02/12/13	1	PCB-1268		ug/Kg	U	36
B10 12-14	BD28795	SW8082	02/12/13	1	PCB-1221		ug/Kg	U	36
B10 12-14	BD28795	SW8082	02/12/13	1	PCB-1232		ug/Kg	U	36
B10 12-14	BD28795	SW8082	02/12/13	1	PCB-1248		ug/Kg	U	36
B10 12-14	BD28795	SW8082	02/12/13	1	PCB-1016		ug/Kg	U	36
B10 12-14	BD28795	SW8082	02/12/13	1	PCB-1262		ug/Kg	U	36
B10 12-14	BD28795	SW8082	02/12/13	1	PCB-1242		ug/Kg	U	36
B10 12-14	BD28795	SW8260	02/12/13	1	Ethylbenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Styrene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	cis-1,3-Dichloropropene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	trans-1,3-Dichloropropene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	n-Propylbenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	n-Butylbenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	4-Chlorotoluene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,4-Dichlorobenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,2-Dibromoethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,2-Dichloroethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Acrylonitrile		ug/Kg	U	8.4
B10 12-14	BD28795	SW8260	02/12/13	1	4-Methyl-2-pentanone		ug/Kg	U	21
B10 12-14	BD28795	SW8260	02/12/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	4.2



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B10 12-14	BD28795	SW8260	02/12/13	1	Bromobenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Toluene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Chlorobenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Tetrahydrofuran (THF)		ug/Kg	U	8.4
B10 12-14	BD28795	SW8260	02/12/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	8.4
B10 12-14	BD28795	SW8260	02/12/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Dibromochloromethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Tetrachloroethene	1.3	ug/Kg	J	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	sec-Butylbenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,3-Dichloropropane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	cis-1,2-Dichloroethene	2.0	ug/Kg	J	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	trans-1,2-Dichloroethene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	8.4
B10 12-14	BD28795	SW8260	02/12/13	1	m&p-Xylene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	2-Isopropyltoluene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,3-Dichlorobenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Carbon tetrachloride		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,1-Dichloropropene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	2-Hexanone		ug/Kg	U	21
B10 12-14	BD28795	SW8260	02/12/13	1	2,2-Dichloropropane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Acetone	4.6	ug/Kg	U	21
B10 12-14	BD28795	SW8260	02/12/13	1	Chloroform		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Benzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,1,1-Trichloroethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Bromomethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Chloromethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Dibromomethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Bromochloromethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Chloroethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Vinyl chloride		ug/Kg	U	4.2
B11 12-14	BD28796	SW8260	02/12/13	1	Acetone		ug/Kg	U	28
B10 12-14	BD28795	SW8260	02/12/13	1	Carbon Disulfide		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Bromoform		ug/Kg	U	4.2



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B10 12-14	BD28795	SW8260	02/12/13	1	Bromodichloromethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,1-Dichloroethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,1-Dichloroethene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Trichlorofluoromethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Dichlorodifluoromethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Trichlorotrifluoroethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,2-Dichloropropane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Methyl Ethyl Ketone		ug/Kg	U	25
B10 12-14	BD28795	SW8260	02/12/13	1	1,1,2-Trichloroethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Trichloroethene	3.2	ug/Kg	J	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Hexachlorobutadiene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Naphthalene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	o-Xylene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	2-Chlorotoluene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,2-Dichlorobenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	1,2,3-Trichloropropane		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	tert-Butylbenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	Isopropylbenzene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8260	02/12/13	1	p-Isopropyltoluene		ug/Kg	U	4.2
B10 12-14	BD28795	SW8270	02/08/13	1	4-Nitroaniline		ug/Kg	U	410
B10 12-14	BD28795	SW8270	02/08/13	1	4-Nitrophenol		ug/Kg	U	740
B10 12-14	BD28795	SW8270	02/08/13	1	4-Bromophenyl phenyl ether		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	2,4-Dimethylphenol		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	4-Chloroaniline		ug/Kg	UJ	510
B10 12-14	BD28795	SW8270	02/08/13	1	Phenol		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Pyridine		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Bis(2-chloroethyl)ether		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Bis(2-chloroethoxy)methane		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	250



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B10 12-14	BD28795	SW8270	02/08/13	1	Di-n-octylphthalate		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Hexachlorobenzene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Anthracene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	2,4-Dichlorophenol		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	2,4-Dinitrotoluene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	1,2-Diphenylhydrazine		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Pyrene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Dimethylphthalate		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Dibenzofuran		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Benzo(ghi)perylene		ug/Kg	UJ	250
B10 12-14	BD28795	SW8270	02/08/13	1	Indeno(1,2,3-cd)pyrene		ug/Kg	UJ	250
B10 12-14	BD28795	SW8270	02/08/13	1	Benzo(b)fluoranthene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Fluoranthene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Benzo(k)fluoranthene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Acenaphthylene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Chrysene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Benzo(a)pyrene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	2,4-Dinitrophenol		ug/Kg	R	410
B10 12-14	BD28795	SW8270	02/08/13	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	250
B10 12-14	BD28795	SW8270	02/08/13	1	Dibenz(a,h)anthracene		ug/Kg	UJ	250
B10 12-14	BD28795	SW8270	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Benz(a)anthracene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	4-Chloro-3-methylphenol		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	2,6-Dinitrotoluene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	N-Nitrosodi-n-propylamine		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Aniline		ug/Kg	UJ	740
B10 12-14	BD28795	SW8270	02/08/13	1	N-Nitrosodimethylamine		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Benzoic acid		ug/Kg	R	740
B10 12-14	BD28795	SW8270	02/08/13	1	Hexachloroethane		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	4-Chlorophenyl phenyl ether		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Hexachlorocyclopentadiene		ug/Kg	UJ	250
B10 12-14	BD28795	SW8270	02/08/13	1	Isophorone		ug/Kg	U	250



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B10 12-14	BD28795	SW8270	02/08/13	1	Pentachloronitrobenzene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Acenaphthene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Diethyl phthalate		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Di-n-butylphthalate		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Phenanthrene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Benzyl butyl phthalate		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	N-Nitrosodiphenylamine		ug/Kg	U	740
B10 12-14	BD28795	SW8270	02/08/13	1	Fluorene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Carbazole		ug/Kg	UJ	740
B10 12-14	BD28795	SW8270	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Pentachlorophenol		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	2,4,6-Trichlorophenol		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	2-Nitroaniline		ug/Kg	UJ	410
B10 12-14	BD28795	SW8270	02/08/13	1	2-Nitrophenol		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Naphthalene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	2-Methylnaphthalene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	2-Chloronaphthalene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	510
B10 12-14	BD28795	SW8270	02/08/13	1	Benzidine		ug/Kg	UJ	250
B10 12-14	BD28795	SW8270	02/08/13	1	2-Methylphenol (o-cresol)		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	2-Chlorophenol		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	2,4,5-Trichlorophenol		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Acetophenone		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	Nitrobenzene		ug/Kg	U	250
B10 12-14	BD28795	SW8270	02/08/13	1	3-Nitroaniline		ug/Kg	U	410
B10 12-14	BD28795	SW8270	02/08/13	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	250
B11 12-14	BD28796	E160.3	02/08/13	1	SOLIDS, PERCENT	90	%		
B11 12-14	BD28796	SW6010	02/08/13	10	Aluminum	6710	mg/Kg		38
B11 12-14	BD28796	SW6010	02/08/13	10	Iron	19700	mg/Kg		38
B11 12-14	BD28796	SW6010	02/08/13	10	Manganese	281	mg/Kg		3.8
B11 12-14	BD28796	SW6010	02/08/13	1	Lead	5.5	mg/Kg		0.8
B11 12-14	BD28796	SW6010	02/08/13	1	Magnesium	1550	mg/Kg		3.8



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B11 12-14	BD28796	SW6010	02/08/13	1	Nickel	8.79	mg/Kg		0.38
B11 12-14	BD28796	SW6010	02/08/13	1	Potassium	1050	mg/Kg	J	8
B11 12-14	BD28796	SW6010	02/08/13	1	Thallium		mg/Kg	U	0.6
B11 12-14	BD28796	SW6010	02/08/13	1	Antimony		mg/Kg	U	1.9
B11 12-14	BD28796	SW6010	02/08/13	1	Arsenic		mg/Kg	U	0.8
B11 12-14	BD28796	SW6010	02/08/13	1	Barium	28.1	mg/Kg		0.8
B11 12-14	BD28796	SW6010	02/08/13	1	Beryllium	0.45	mg/Kg		0.30
B11 12-14	BD28796	SW6010	02/08/13	1	Cadmium		mg/Kg	U	0.38
B11 12-14	BD28796	SW6010	02/08/13	1	Chromium	16.5	mg/Kg		0.38
B11 12-14	BD28796	SW6010	02/08/13	1	Cobalt	4.74	mg/Kg		0.38
B11 12-14	BD28796	SW6010	02/08/13	1	Copper	9.38	mg/Kg		0.38
B11 12-14	BD28796	SW6010	02/08/13	1	Vanadium	24.6	mg/Kg		0.4
B11 12-14	BD28796	SW6010	02/08/13	1	Zinc	22.4	mg/Kg		0.8
B11 12-14	BD28796	SW6010	02/08/13	1	Calcium	526	mg/Kg	J	3.8
B11 12-14	BD28796	SW6010	02/08/13	1	Selenium		mg/Kg	U	1.5
B11 12-14	BD28796	SW6010	02/08/13	1	Silver		mg/Kg	U	0.38
B11 12-14	BD28796	SW6010	02/08/13	1	Sodium	54	mg/Kg	J	8
B11 12-14	BD28796	SW7471	02/08/13	1	Mercury		mg/Kg	U	0.09
B11 12-14	BD28796	SW8081	02/08/13	1	Heptachlor epoxide		ug/Kg	U	1.8
B11 12-14	BD28796	SW8081	02/08/13	1	Endosulfan sulfate		ug/Kg	U	3.7
B11 12-14	BD28796	SW8081	02/08/13	1	Aldrin		ug/Kg	U	1.8
B11 12-14	BD28796	SW8081	02/08/13	1	a-BHC		ug/Kg	U	1.8
B11 12-14	BD28796	SW8081	02/08/13	1	b-BHC		ug/Kg	U	1.8
B11 12-14	BD28796	SW8081	02/08/13	1	d-BHC		ug/Kg	U	1.8
B11 12-14	BD28796	SW8081	02/08/13	1	Endosulfan II		ug/Kg	U	3.7
B11 12-14	BD28796	SW8081	02/08/13	1	4,4' -DDT		ug/Kg	U	2.6
B11 12-14	BD28796	SW8081	02/08/13	1	a-Chlordane		ug/Kg	U	3.7
B11 12-14	BD28796	SW8081	02/08/13	1	g-Chlordane		ug/Kg	U	3.7
B11 12-14	BD28796	SW8081	02/08/13	1	Endrin ketone		ug/Kg	U	1.8
B11 12-14	BD28796	SW8081	02/08/13	1	Chlordane		ug/Kg	U	22
B11 12-14	BD28796	SW8081	02/08/13	1	g-BHC		ug/Kg	U	1.8
B11 12-14	BD28796	SW8081	02/08/13	1	Dieldrin		ug/Kg	U	1.8
B11 12-14	BD28796	SW8081	02/08/13	1	Endrin		ug/Kg	U	1.8
B11 12-14	BD28796	SW8081	02/08/13	1	Methoxychlor		ug/Kg	U	7.4



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B11 12-14	BD28796	SW8081	02/08/13	1	4,4' -DDD		ug/Kg	U	2.6
B11 12-14	BD28796	SW8081	02/08/13	1	4,4' -DDE		ug/Kg	U	2.6
B11 12-14	BD28796	SW8081	02/08/13	1	Endrin aldehyde		ug/Kg	U	3.7
B11 12-14	BD28796	SW8081	02/08/13	1	Heptachlor		ug/Kg	U	1.8
B11 12-14	BD28796	SW8081	02/08/13	1	Toxaphene		ug/Kg	U	35
B11 12-14	BD28796	SW8081	02/08/13	1	Endosulfan I		ug/Kg	U	3.7
B11 12-14	BD28796	SW8082	02/08/13	1	PCB-1260		ug/Kg	U	37
B11 12-14	BD28796	SW8082	02/08/13	1	PCB-1254		ug/Kg	U	37
B11 12-14	BD28796	SW8082	02/08/13	1	PCB-1268		ug/Kg	U	37
B11 12-14	BD28796	SW8082	02/08/13	1	PCB-1221		ug/Kg	U	37
B11 12-14	BD28796	SW8082	02/08/13	1	PCB-1232		ug/Kg	U	37
B11 12-14	BD28796	SW8082	02/08/13	1	PCB-1248		ug/Kg	U	37
B11 12-14	BD28796	SW8082	02/08/13	1	PCB-1016		ug/Kg	U	37
B11 12-14	BD28796	SW8082	02/08/13	1	PCB-1262		ug/Kg	U	37
B11 12-14	BD28796	SW8082	02/08/13	1	PCB-1242		ug/Kg	U	37
B11 12-14	BD28796	SW8260	02/08/13	1	Ethylbenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Styrene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	cis-1,3-Dichloropropene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	trans-1,3-Dichloropropene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	n-Propylbenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	n-Butylbenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	4-Chlorotoluene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,2-Dibromoethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,2-Dichloroethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Acrylonitrile		ug/Kg	U	11
B11 12-14	BD28796	SW8260	02/08/13	1	4-Methyl-2-pentanone		ug/Kg	U	28
B11 12-14	BD28796	SW8260	02/08/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Bromobenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Toluene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Chlorobenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Tetrahydrofuran (THF)		ug/Kg	U	11
B11 12-14	BD28796	SW8260	02/08/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	11
B11 12-14	BD28796	SW8260	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	5.6



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B11 12-14	BD28796	SW8260	02/08/13	1	Dibromochloromethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Tetrachloroethene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	sec-Butylbenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,3-Dichloropropane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	cis-1,2-Dichloroethene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	trans-1,2-Dichloroethene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	11
B11 12-14	BD28796	SW8260	02/08/13	1	m&p-Xylene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	2-Isopropyltoluene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Carbon tetrachloride		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,1-Dichloropropene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	2-Hexanone		ug/Kg	U	28
B11 12-14	BD28796	SW8260	02/08/13	1	2,2-Dichloropropane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Acetone		ug/Kg	U	28
B11 12-14	BD28796	SW8260	02/08/13	1	Chloroform		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Benzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,1,1-Trichloroethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Bromomethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Chloromethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Dibromomethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Bromochloromethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Chloroethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Vinyl chloride		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Acetone		ug/Kg	U	28
B11 12-14	BD28796	SW8260	02/08/13	1	Carbon Disulfide		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Bromoform		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Bromodichloromethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,1-Dichloroethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,1-Dichloroethene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Trichlorofluoromethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Dichlorodifluoromethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Trichlorotrifluoroethane		ug/Kg	U	5.6



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B11 12-14	BD28796	SW8260	02/08/13	1	1,2-Dichloropropane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Methyl Ethyl Ketone		ug/Kg	U	33
B11 12-14	BD28796	SW8260	02/08/13	1	1,1,2-Trichloroethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Trichloroethene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Naphthalene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	o-Xylene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	2-Chlorotoluene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	1,2,3-Trichloropropane		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	tert-Butylbenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	Isopropylbenzene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8260	02/08/13	1	p-Isopropyltoluene		ug/Kg	U	5.6
B11 12-14	BD28796	SW8270	02/08/13	1	4-Nitroaniline		ug/Kg	U	400
B11 12-14	BD28796	SW8270	02/08/13	1	4-Nitrophenol		ug/Kg	U	730
B11 12-14	BD28796	SW8270	02/08/13	1	4-Bromophenyl phenyl ether		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	2,4-Dimethylphenol		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	4-Chloroaniline		ug/Kg	UJ	500
B11 12-14	BD28796	SW8270	02/08/13	1	Phenol		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Pyridine		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Bis(2-chloroethyl)ether		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Bis(2-chloroethoxy)methane		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Di-n-octylphthalate		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Hexachlorobenzene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Anthracene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	2,4-Dichlorophenol		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	2,4-Dinitrotoluene		ug/Kg	U	250



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B11 12-14	BD28796	SW8270	02/08/13	1	1,2-Diphenylhydrazine		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Pyrene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Dimethylphthalate		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Dibenzofuran		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Benzo(ghi)perylene		ug/Kg	UJ	250
B11 12-14	BD28796	SW8270	02/08/13	1	Indeno(1,2,3-cd)pyrene		ug/Kg	UJ	250
B11 12-14	BD28796	SW8270	02/08/13	1	Benzo(b)fluoranthene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Fluoranthene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Benzo(k)fluoranthene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Acenaphthylene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Chrysene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Benzo(a)pyrene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	2,4-Dinitrophenol		ug/Kg	R	400
B11 12-14	BD28796	SW8270	02/08/13	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	250
B11 12-14	BD28796	SW8270	02/08/13	1	Dibenz(a,h)anthracene		ug/Kg	UJ	250
B11 12-14	BD28796	SW8270	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Benz(a)anthracene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	4-Chloro-3-methylphenol		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	2,6-Dinitrotoluene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	N-Nitrosodi-n-propylamine		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Aniline		ug/Kg	UJ	730
B11 12-14	BD28796	SW8270	02/08/13	1	N-Nitrosodimethylamine		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Benzoic acid		ug/Kg	R	730
B11 12-14	BD28796	SW8270	02/08/13	1	Hexachloroethane		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	4-Chlorophenyl phenyl ether		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Hexachlorocyclopentadiene		ug/Kg	UJ	250
B11 12-14	BD28796	SW8270	02/08/13	1	Isophorone		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Pentachloronitrobenzene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Acenaphthene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Diethyl phthalate		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Di-n-butylphthalate		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Phenanthrene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Benzyl butyl phthalate		ug/Kg	U	250



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B11 12-14	BD28796	SW8270	02/08/13	1	N-Nitrosodiphenylamine		ug/Kg	U	730
B11 12-14	BD28796	SW8270	02/08/13	1	Fluorene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Carbazole		ug/Kg	UJ	730
B11 12-14	BD28796	SW8270	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Pentachlorophenol		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	2,4,6-Trichlorophenol		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	2-Nitroaniline		ug/Kg	UJ	400
B11 12-14	BD28796	SW8270	02/08/13	1	2-Nitrophenol		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Naphthalene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	2-Methylnaphthalene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	2-Chloronaphthalene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	500
B11 12-14	BD28796	SW8270	02/08/13	1	Benzidine		ug/Kg	UJ	250
B11 12-14	BD28796	SW8270	02/08/13	1	2-Methylphenol (o-cresol)		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	2-Chlorophenol		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	2,4,5-Trichlorophenol		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Acetophenone		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	Nitrobenzene		ug/Kg	U	250
B11 12-14	BD28796	SW8270	02/08/13	1	3-Nitroaniline		ug/Kg	U	400
B11 12-14	BD28796	SW8270	02/08/13	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	250
B11 38-40	BD28797	E160.3	02/08/13	1	SOLIDS, PERCENT	90	%		
B11 38-40	BD28797	SW8260	02/08/13	1	Ethylbenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Styrene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	cis-1,3-Dichloropropene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	trans-1,3-Dichloropropene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	n-Propylbenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	n-Butylbenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	4-Chlorotoluene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,2-Dibromoethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,2-Dichloroethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Acrylonitrile		ug/Kg	UJ	11



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B11 38-40	BD28797	SW8260	02/08/13	1	4-Methyl-2-pentanone		ug/Kg	U	28
B11 38-40	BD28797	SW8260	02/08/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Bromobenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Toluene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Chlorobenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Tetrahydrofuran (THF)		ug/Kg	U	11
B11 38-40	BD28797	SW8260	02/08/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	11
B11 38-40	BD28797	SW8260	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Dibromochloromethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Tetrachloroethene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	sec-Butylbenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,3-Dichloropropane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	cis-1,2-Dichloroethene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	trans-1,2-Dichloroethene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	11
B11 38-40	BD28797	SW8260	02/08/13	1	m&p-Xylene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	2-Isopropyltoluene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Carbon tetrachloride		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,1-Dichloropropene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	2-Hexanone		ug/Kg	U	28
B11 38-40	BD28797	SW8260	02/08/13	1	2,2-Dichloropropane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	5.6
B12 38-40	BD28799	SW8260	02/08/13	1	Acetone		ug/Kg	U	29
B11 38-40	BD28797	SW8260	02/08/13	1	Chloroform		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Benzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,1,1-Trichloroethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Bromomethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Chloromethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Dibromomethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Bromochloromethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Chloroethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Vinyl chloride		ug/Kg	U	5.6
B7 12-14	BD28791	SW8260	02/08/13	1	Acetone	5.5	ug/Kg	U	18



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B11 38-40	BD28797	SW8260	02/08/13	1	Carbon Disulfide		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Bromoform		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Bromodichloromethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,1-Dichloroethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,1-Dichloroethene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Trichlorofluoromethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Dichlorodifluoromethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Trichlorotrifluoroethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,2-Dichloropropane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Methyl Ethyl Ketone		ug/Kg	U	33
B11 38-40	BD28797	SW8260	02/08/13	1	1,1,2-Trichloroethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Trichloroethene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Naphthalene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	o-Xylene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	2-Chlorotoluene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	1,2,3-Trichloropropane		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	tert-Butylbenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	Isopropylbenzene		ug/Kg	U	5.6
B11 38-40	BD28797	SW8260	02/08/13	1	p-Isopropyltoluene		ug/Kg	U	5.6
B12 12-14	BD28798	E160.3	02/08/13	1	SOLIDS, PERCENT	89	%		
B12 12-14	BD28798	SW6010	02/08/13	10	Aluminum	6100	mg/Kg		38
B12 12-14	BD28798	SW6010	02/08/13	10	Iron	22700	mg/Kg		38
B12 12-14	BD28798	SW6010	02/08/13	10	Manganese	418	mg/Kg		3.8
B12 12-14	BD28798	SW6010	02/08/13	1	Lead	4.2	mg/Kg		0.8
B12 12-14	BD28798	SW6010	02/08/13	1	Magnesium	1840	mg/Kg		3.8
B12 12-14	BD28798	SW6010	02/08/13	1	Nickel	9.82	mg/Kg		0.38
B12 12-14	BD28798	SW6010	02/08/13	1	Potassium	863	mg/Kg	J	8
B12 12-14	BD28798	SW6010	02/08/13	1	Thallium		mg/Kg	U	0.6



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B12 12-14	BD28798	SW6010	02/08/13	1	Antimony		mg/Kg	U	1.9
B12 12-14	BD28798	SW6010	02/08/13	1	Arsenic		mg/Kg	U	0.8
B12 12-14	BD28798	SW6010	02/08/13	1	Barium	23.6	mg/Kg		0.8
B12 12-14	BD28798	SW6010	02/08/13	1	Beryllium	0.35	mg/Kg		0.31
B12 12-14	BD28798	SW6010	02/08/13	1	Cadmium		mg/Kg	U	0.38
B12 12-14	BD28798	SW6010	02/08/13	1	Chromium	14.4	mg/Kg		0.38
B12 12-14	BD28798	SW6010	02/08/13	1	Cobalt	3.74	mg/Kg		0.38
B12 12-14	BD28798	SW6010	02/08/13	1	Copper	9.24	mg/Kg		0.38
B12 12-14	BD28798	SW6010	02/08/13	1	Vanadium	19.7	mg/Kg		0.4
B12 12-14	BD28798	SW6010	02/08/13	1	Zinc	39.9	mg/Kg		0.8
B12 12-14	BD28798	SW6010	02/08/13	1	Calcium	558	mg/Kg	J	3.8
B12 12-14	BD28798	SW6010	02/08/13	1	Selenium		mg/Kg	U	1.5
B12 12-14	BD28798	SW6010	02/08/13	1	Silver		mg/Kg	U	0.38
B12 12-14	BD28798	SW6010	02/08/13	1	Sodium	84	mg/Kg	J	8
B12 12-14	BD28798	SW7471	02/08/13	1	Mercury		mg/Kg	U	0.09
B12 12-14	BD28798	SW8081	02/08/13	1	Heptachlor epoxide		ug/Kg	U	1.8
B12 12-14	BD28798	SW8081	02/08/13	1	Endosulfan sulfate		ug/Kg	U	3.6
B12 12-14	BD28798	SW8081	02/08/13	1	Aldrin		ug/Kg	U	1.8
B12 12-14	BD28798	SW8081	02/08/13	1	a-BHC		ug/Kg	U	1.8
B12 12-14	BD28798	SW8081	02/08/13	1	b-BHC		ug/Kg	U	1.8
B12 12-14	BD28798	SW8081	02/08/13	1	d-BHC		ug/Kg	U	1.8
B12 12-14	BD28798	SW8081	02/08/13	1	Endosulfan II		ug/Kg	U	3.6
B12 12-14	BD28798	SW8081	02/08/13	1	4,4' -DDT		ug/Kg	U	2.6
B12 12-14	BD28798	SW8081	02/08/13	1	a-Chlordane		ug/Kg	U	3.6
B12 12-14	BD28798	SW8081	02/08/13	1	g-Chlordane		ug/Kg	U	3.6
B12 12-14	BD28798	SW8081	02/08/13	1	Endrin ketone		ug/Kg	U	1.8
B12 12-14	BD28798	SW8081	02/08/13	1	Chlordane		ug/Kg	U	22
B12 12-14	BD28798	SW8081	02/08/13	1	g-BHC		ug/Kg	U	1.8
B12 12-14	BD28798	SW8081	02/08/13	1	Dieldrin		ug/Kg	U	1.8
B12 12-14	BD28798	SW8081	02/08/13	1	Endrin		ug/Kg	U	1.8
B12 12-14	BD28798	SW8081	02/08/13	1	Methoxychlor		ug/Kg	U	7.2
B12 12-14	BD28798	SW8081	02/08/13	1	4,4' -DDD		ug/Kg	U	2.6
B12 12-14	BD28798	SW8081	02/08/13	1	4,4' -DDE		ug/Kg	U	2.6
B12 12-14	BD28798	SW8081	02/08/13	1	Endrin aldehyde		ug/Kg	U	3.6



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B12 12-14	BD28798	SW8081	02/08/13	1	Heptachlor		ug/Kg	U	1.8
B12 12-14	BD28798	SW8081	02/08/13	1	Toxaphene		ug/Kg	U	35
B12 12-14	BD28798	SW8081	02/08/13	1	Endosulfan I		ug/Kg	U	3.6
B12 12-14	BD28798	SW8082	02/08/13	1	PCB-1260		ug/Kg	U	36
B12 12-14	BD28798	SW8082	02/08/13	1	PCB-1254		ug/Kg	U	36
B12 12-14	BD28798	SW8082	02/08/13	1	PCB-1268		ug/Kg	U	36
B12 12-14	BD28798	SW8082	02/08/13	1	PCB-1221		ug/Kg	U	36
B12 12-14	BD28798	SW8082	02/08/13	1	PCB-1232		ug/Kg	U	36
B12 12-14	BD28798	SW8082	02/08/13	1	PCB-1248		ug/Kg	U	36
B12 12-14	BD28798	SW8082	02/08/13	1	PCB-1016		ug/Kg	U	36
B12 12-14	BD28798	SW8082	02/08/13	1	PCB-1262		ug/Kg	U	36
B12 12-14	BD28798	SW8082	02/08/13	1	PCB-1242		ug/Kg	U	36
B12 12-14	BD28798	SW8260	02/08/13	1	Ethylbenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Styrene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	cis-1,3-Dichloropropene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	trans-1,3-Dichloropropene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	n-Propylbenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	n-Butylbenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	4-Chlorotoluene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,2-Dibromoethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,2-Dichloroethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Acrylonitrile		ug/Kg	UJ	11
B12 12-14	BD28798	SW8260	02/08/13	1	4-Methyl-2-pentanone		ug/Kg	U	28
B12 12-14	BD28798	SW8260	02/08/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Bromobenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Toluene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Chlorobenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Tetrahydrofuran (THF)		ug/Kg	U	11
B12 12-14	BD28798	SW8260	02/08/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	11
B12 12-14	BD28798	SW8260	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Dibromochloromethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Tetrachloroethene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	sec-Butylbenzene		ug/Kg	U	5.6



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B12 12-14	BD28798	SW8260	02/08/13	1	1,3-Dichloropropane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	cis-1,2-Dichloroethene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	trans-1,2-Dichloroethene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	11
B12 12-14	BD28798	SW8260	02/08/13	1	m&p-Xylene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	2-Isopropyltoluene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Carbon tetrachloride		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,1-Dichloropropene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	2-Hexanone		ug/Kg	U	28
B12 12-14	BD28798	SW8260	02/08/13	1	2,2-Dichloropropane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	5.6
B7 1-3	BD28790	SW8260	02/08/13	100	Acetone		ug/Kg	U	5800
B12 12-14	BD28798	SW8260	02/08/13	1	Chloroform		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Benzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,1,1-Trichloroethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Bromomethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Chloromethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Dibromomethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Bromochloromethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Chloroethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Vinyl chloride		ug/Kg	U	5.6
B7 38-40	BD28800	SW8260	02/08/13	1	Acetone	8.6	ug/Kg	U	24
B12 12-14	BD28798	SW8260	02/08/13	1	Carbon Disulfide		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Bromoform		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Bromodichloromethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,1-Dichloroethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,1-Dichloroethene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Trichlorofluoromethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Dichlorodifluoromethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Trichlorotrifluoroethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,2-Dichloropropane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Methyl Ethyl Ketone		ug/Kg	U	34
B12 12-14	BD28798	SW8260	02/08/13	1	1,1,2-Trichloroethane		ug/Kg	U	5.6



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B12 12-14	BD28798	SW8260	02/08/13	1	Trichloroethene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Naphthalene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	o-Xylene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	2-Chlorotoluene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	1,2,3-Trichloropropane		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	tert-Butylbenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Isopropylbenzene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	p-Isopropyltoluene		ug/Kg	U	5.6
B12 12-14	BD28798	SW8270	02/08/13	1	4-Nitroaniline		ug/Kg	U	410
B12 12-14	BD28798	SW8270	02/08/13	1	4-Nitrophenol		ug/Kg	U	740
B12 12-14	BD28798	SW8270	02/08/13	1	4-Bromophenyl phenyl ether		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	2,4-Dimethylphenol		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	4-Chloroaniline		ug/Kg	UJ	510
B12 12-14	BD28798	SW8270	02/08/13	1	Phenol		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Pyridine		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Bis(2-chloroethyl)ether		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Bis(2-chloroethoxy)methane		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Di-n-octylphthalate		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Hexachlorobenzene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Anthracene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	2,4-Dichlorophenol		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	2,4-Dinitrotoluene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	1,2-Diphenylhydrazine		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Pyrene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Dimethylphthalate		ug/Kg	U	250



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B12 12-14	BD28798	SW8270	02/08/13	1	Dibenzofuran		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Benzo(ghi)perylene		ug/Kg	UJ	250
B12 12-14	BD28798	SW8270	02/08/13	1	Indeno(1,2,3-cd)pyrene		ug/Kg	UJ	250
B12 12-14	BD28798	SW8270	02/08/13	1	Benzo(b)fluoranthene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Fluoranthene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Benzo(k)fluoranthene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Acenaphthylene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Chrysene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Benzo(a)pyrene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	2,4-Dinitrophenol		ug/Kg	R	410
B12 12-14	BD28798	SW8270	02/08/13	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	250
B12 12-14	BD28798	SW8270	02/08/13	1	Dibenz(a,h)anthracene		ug/Kg	UJ	250
B12 12-14	BD28798	SW8270	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Benz(a)anthracene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	4-Chloro-3-methylphenol		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	2,6-Dinitrotoluene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	N-Nitrosodi-n-propylamine		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Aniline		ug/Kg	UJ	740
B12 12-14	BD28798	SW8270	02/08/13	1	N-Nitrosodimethylamine		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Benzoic acid		ug/Kg	R	740
B12 12-14	BD28798	SW8270	02/08/13	1	Hexachloroethane		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	4-Chlorophenyl phenyl ether		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Hexachlorocyclopentadiene		ug/Kg	UJ	250
B12 12-14	BD28798	SW8270	02/08/13	1	Isophorone		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Pentachloronitrobenzene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Acenaphthene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Diethyl phthalate		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Di-n-butylphthalate		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Phenanthrene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Benzyl butyl phthalate		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	N-Nitrosodiphenylamine		ug/Kg	U	740
B12 12-14	BD28798	SW8270	02/08/13	1	Fluorene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Carbazole		ug/Kg	UJ	740



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B12 12-14	BD28798	SW8270	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Pentachlorophenol		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	2,4,6-Trichlorophenol		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	2-Nitroaniline		ug/Kg	UJ	410
B12 12-14	BD28798	SW8270	02/08/13	1	2-Nitrophenol		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Naphthalene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	2-Methylnaphthalene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	2-Chloronaphthalene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	510
B12 12-14	BD28798	SW8270	02/08/13	1	Benzidine		ug/Kg	UJ	250
B12 12-14	BD28798	SW8270	02/08/13	1	2-Methylphenol (o-cresol)		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	2-Chlorophenol		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	2,4,5-Trichlorophenol		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Acetophenone		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	Nitrobenzene		ug/Kg	U	250
B12 12-14	BD28798	SW8270	02/08/13	1	3-Nitroaniline		ug/Kg	U	410
B12 12-14	BD28798	SW8270	02/08/13	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	250
B12 38-40	BD28799	E160.3	02/08/13	1	SOLIDS, PERCENT	87	%		
B12 38-40	BD28799	SW8260	02/08/13	1	Ethylbenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Styrene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	cis-1,3-Dichloropropene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	trans-1,3-Dichloropropene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	n-Propylbenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	n-Butylbenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	4-Chlorotoluene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,2-Dibromoethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,2-Dichloroethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Acrylonitrile		ug/Kg	UJ	11
B12 38-40	BD28799	SW8260	02/08/13	1	4-Methyl-2-pentanone		ug/Kg	U	29
B12 38-40	BD28799	SW8260	02/08/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Bromobenzene		ug/Kg	U	5.7



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B12 38-40	BD28799	SW8260	02/08/13	1	Toluene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Chlorobenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Tetrahydrofuran (THF)		ug/Kg	U	11
B12 38-40	BD28799	SW8260	02/08/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	11
B12 38-40	BD28799	SW8260	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Dibromochloromethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Tetrachloroethene	1.3	ug/Kg	J	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	sec-Butylbenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,3-Dichloropropane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	cis-1,2-Dichloroethene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	trans-1,2-Dichloroethene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	11
B12 38-40	BD28799	SW8260	02/08/13	1	m&p-Xylene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	2-Isopropyltoluene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Carbon tetrachloride		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,1-Dichloropropene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	2-Hexanone		ug/Kg	U	29
B12 38-40	BD28799	SW8260	02/08/13	1	2,2-Dichloropropane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	5.7
B8 12-14	BD28792	SW8260	02/08/13	1	Acetone	12	ug/Kg	UJ	23
B12 38-40	BD28799	SW8260	02/08/13	1	Chloroform		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Benzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,1,1-Trichloroethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Bromomethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Chloromethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Dibromomethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Bromochloromethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Chloroethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Vinyl chloride		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Carbon Disulfide		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Bromoform		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Bromodichloromethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,1-Dichloroethane		ug/Kg	U	5.7



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B12 38-40	BD28799	SW8260	02/08/13	1	1,1-Dichloroethene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Trichlorofluoromethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Dichlorodifluoromethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Trichlorotrifluoroethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,2-Dichloropropane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Methyl Ethyl Ketone		ug/Kg	U	34
B12 38-40	BD28799	SW8260	02/08/13	1	1,1,2-Trichloroethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Trichloroethene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Naphthalene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	o-Xylene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	2-Chlorotoluene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	1,2,3-Trichloropropane		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	tert-Butylbenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	Isopropylbenzene		ug/Kg	U	5.7
B12 38-40	BD28799	SW8260	02/08/13	1	p-Isopropyltoluene		ug/Kg	U	5.7
B7 12-14	BD28791	E160.3	02/08/13	1	SOLIDS, PERCENT	92	%		
B7 12-14	BD28791	SW6010	02/08/13	10	Aluminum	6830	mg/Kg		37
B7 12-14	BD28791	SW6010	02/08/13	10	Iron	34900	mg/Kg		37
B7 12-14	BD28791	SW6010	02/08/13	10	Manganese	637	mg/Kg		3.7
B7 12-14	BD28791	SW6010	02/08/13	1	Lead	7.9	mg/Kg		0.7
B7 12-14	BD28791	SW6010	02/08/13	1	Magnesium	1920	mg/Kg		3.7
B7 12-14	BD28791	SW6010	02/08/13	1	Nickel	13.9	mg/Kg		0.37
B7 12-14	BD28791	SW6010	02/08/13	1	Potassium	1210	mg/Kg	J	7
B7 12-14	BD28791	SW6010	02/08/13	1	Antimony		mg/Kg	U	1.9
B7 12-14	BD28791	SW6010	02/08/13	1	Arsenic	0.8	mg/Kg		0.7
B7 12-14	BD28791	SW6010	02/08/13	1	Barium	44.2	mg/Kg		0.7
B7 12-14	BD28791	SW6010	02/08/13	1	Beryllium	0.68	mg/Kg		0.30
B7 12-14	BD28791	SW6010	02/08/13	1	Cadmium		mg/Kg	U	0.37



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 12-14	BD28791	SW6010	02/08/13	1	Chromium	19.7	mg/Kg		0.37
B7 12-14	BD28791	SW6010	02/08/13	1	Cobalt	11.0	mg/Kg		0.37
B7 12-14	BD28791	SW6010	02/08/13	1	Copper	30.2	mg/Kg		0.37
B7 12-14	BD28791	SW6010	02/08/13	1	Vanadium	43.0	mg/Kg		0.4
B7 12-14	BD28791	SW6010	02/08/13	1	Zinc	32.0	mg/Kg		0.7
B7 12-14	BD28791	SW6010	02/08/13	1	Calcium	1560	mg/Kg	J	3.7
B7 12-14	BD28791	SW6010	02/08/13	1	Selenium		mg/Kg	U	1.5
B7 12-14	BD28791	SW6010	02/08/13	1	Silver		mg/Kg	U	0.37
B7 12-14	BD28791	SW6010	02/08/13	1	Thallium		mg/Kg	U	0.6
B7 12-14	BD28791	SW6010	02/08/13	1	Sodium	332	mg/Kg	J	7
B7 12-14	BD28791	SW7471	02/08/13	1	Mercury		mg/Kg	U	0.09
B7 12-14	BD28791	SW8081	02/08/13	1	Heptachlor epoxide		ug/Kg	U	1.8
B7 12-14	BD28791	SW8081	02/08/13	1	Endosulfan sulfate		ug/Kg	U	3.6
B7 12-14	BD28791	SW8081	02/08/13	1	Aldrin		ug/Kg	U	1.8
B7 12-14	BD28791	SW8081	02/08/13	1	a-BHC		ug/Kg	U	1.8
B7 12-14	BD28791	SW8081	02/08/13	1	b-BHC		ug/Kg	U	1.8
B7 12-14	BD28791	SW8081	02/08/13	1	d-BHC		ug/Kg	U	1.8
B7 12-14	BD28791	SW8081	02/08/13	1	Endosulfan II		ug/Kg	U	3.6
B7 12-14	BD28791	SW8081	02/08/13	1	4,4' -DDT		ug/Kg	U	2.6
B7 12-14	BD28791	SW8081	02/08/13	1	a-Chlordane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8081	02/08/13	1	g-Chlordane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8081	02/08/13	1	Endrin ketone		ug/Kg	U	1.8
B7 12-14	BD28791	SW8081	02/08/13	1	Chlordane		ug/Kg	U	22
B7 12-14	BD28791	SW8081	02/08/13	1	g-BHC		ug/Kg	U	1.8
B7 12-14	BD28791	SW8081	02/08/13	1	Dieldrin		ug/Kg	U	1.8
B7 12-14	BD28791	SW8081	02/08/13	1	Endrin		ug/Kg	U	1.8
B7 12-14	BD28791	SW8081	02/08/13	1	Methoxychlor		ug/Kg	U	7.2
B7 12-14	BD28791	SW8081	02/08/13	1	4,4' -DDD		ug/Kg	U	2.6
B7 12-14	BD28791	SW8081	02/08/13	1	4,4' -DDE		ug/Kg	U	2.6
B7 12-14	BD28791	SW8081	02/08/13	1	Endrin aldehyde		ug/Kg	U	3.6
B7 12-14	BD28791	SW8081	02/08/13	1	Heptachlor		ug/Kg	U	1.8
B7 12-14	BD28791	SW8081	02/08/13	1	Toxaphene		ug/Kg	U	35
B7 12-14	BD28791	SW8081	02/08/13	1	Endosulfan I		ug/Kg	U	3.6
B7 12-14	BD28791	SW8082	02/08/13	1	PCB-1260		ug/Kg	U	36



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 12-14	BD28791	SW8082	02/08/13	1	PCB-1254		ug/Kg	U	36
B7 12-14	BD28791	SW8082	02/08/13	1	PCB-1268		ug/Kg	U	36
B7 12-14	BD28791	SW8082	02/08/13	1	PCB-1221		ug/Kg	U	36
B7 12-14	BD28791	SW8082	02/08/13	1	PCB-1232		ug/Kg	U	36
B7 12-14	BD28791	SW8082	02/08/13	1	PCB-1248		ug/Kg	U	36
B7 12-14	BD28791	SW8082	02/08/13	1	PCB-1016		ug/Kg	U	36
B7 12-14	BD28791	SW8082	02/08/13	1	PCB-1262		ug/Kg	U	36
B7 12-14	BD28791	SW8082	02/08/13	1	PCB-1242		ug/Kg	U	36
B7 12-14	BD28791	SW8260	02/08/13	1	Ethylbenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Styrene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	cis-1,3-Dichloropropene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	trans-1,3-Dichloropropene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	n-Propylbenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	n-Butylbenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	4-Chlorotoluene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,2-Dibromoethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,2-Dichloroethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Acrylonitrile		ug/Kg	UJ	7.3
B7 12-14	BD28791	SW8260	02/08/13	1	4-Methyl-2-pentanone		ug/Kg	U	18
B7 12-14	BD28791	SW8260	02/08/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Bromobenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Toluene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Chlorobenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Tetrahydrofuran (THF)		ug/Kg	U	7.3
B7 12-14	BD28791	SW8260	02/08/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	7.3
B7 12-14	BD28791	SW8260	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Dibromochloromethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Tetrachloroethene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	sec-Butylbenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,3-Dichloropropane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	cis-1,2-Dichloroethene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	trans-1,2-Dichloroethene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	7.3



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 12-14	BD28791	SW8260	02/08/13	1	m&p-Xylene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	2-Isopropyltoluene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Carbon tetrachloride		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,1-Dichloropropene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	2-Hexanone		ug/Kg	U	18
B7 12-14	BD28791	SW8260	02/08/13	1	2,2-Dichloropropane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	3.6
B8 38-40	BD28793	SW8260	02/08/13	1	Acetone		ug/Kg	U	17
B7 12-14	BD28791	SW8260	02/08/13	1	Chloroform		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Benzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,1,1-Trichloroethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Bromomethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Chloromethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Dibromomethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Bromochloromethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Chloroethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Vinyl chloride		ug/Kg	U	3.6
B9 12-14	BD28794	SW8260	02/08/13	1	Acetone	19	ug/Kg	U	23
B7 12-14	BD28791	SW8260	02/08/13	1	Carbon Disulfide		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Bromoform		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Bromodichloromethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,1-Dichloroethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,1-Dichloroethene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Trichlorofluoromethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Dichlorodifluoromethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Trichlorotrifluoroethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,2-Dichloropropane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Methyl Ethyl Ketone		ug/Kg	U	22
B7 12-14	BD28791	SW8260	02/08/13	1	1,1,2-Trichloroethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Trichloroethene	2.1	ug/Kg	J	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	3.6



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 12-14	BD28791	SW8260	02/08/13	1	Naphthalene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	o-Xylene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	2-Chlorotoluene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	1,2,3-Trichloropropane		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	tert-Butylbenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	Isopropylbenzene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8260	02/08/13	1	p-Isopropyltoluene		ug/Kg	U	3.6
B7 12-14	BD28791	SW8270	02/08/13	1	4-Nitroaniline		ug/Kg	U	400
B7 12-14	BD28791	SW8270	02/08/13	1	4-Nitrophenol		ug/Kg	U	720
B7 12-14	BD28791	SW8270	02/08/13	1	4-Bromophenyl phenyl ether		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	2,4-Dimethylphenol		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	4-Chloroaniline		ug/Kg	UJ	490
B7 12-14	BD28791	SW8270	02/08/13	1	Phenol		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Pyridine		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Bis(2-chloroethyl)ether		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Bis(2-chloroethoxy)methane		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Di-n-octylphthalate		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Hexachlorobenzene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Anthracene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	2,4-Dichlorophenol		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	2,4-Dinitrotoluene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	1,2-Diphenylhydrazine		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Pyrene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Dimethylphthalate		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Dibenzofuran		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Benzo(ghi)perylene		ug/Kg	UJ	250
B7 12-14	BD28791	SW8270	02/08/13	1	Indeno(1,2,3-cd)pyrene		ug/Kg	UJ	250
B7 12-14	BD28791	SW8270	02/08/13	1	Benzo(b)fluoranthene		ug/Kg	U	250



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 12-14	BD28791	SW8270	02/08/13	1	Fluoranthene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Benzo(k)fluoranthene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Acenaphthylene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Chrysene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Benzo(a)pyrene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	2,4-Dinitrophenol		ug/Kg	R	400
B7 12-14	BD28791	SW8270	02/08/13	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	250
B7 12-14	BD28791	SW8270	02/08/13	1	Dibenz(a,h)anthracene		ug/Kg	UJ	250
B7 12-14	BD28791	SW8270	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Benz(a)anthracene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	4-Chloro-3-methylphenol		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	2,6-Dinitrotoluene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	N-Nitrosodi-n-propylamine		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Aniline		ug/Kg	UJ	720
B7 12-14	BD28791	SW8270	02/08/13	1	N-Nitrosodimethylamine		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Benzoic acid		ug/Kg	R	720
B7 12-14	BD28791	SW8270	02/08/13	1	Hexachloroethane		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	4-Chlorophenyl phenyl ether		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Hexachlorocyclopentadiene		ug/Kg	UJ	250
B7 12-14	BD28791	SW8270	02/08/13	1	Isophorone		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Pentachloronitrobenzene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Acenaphthene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Diethyl phthalate		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Di-n-butylphthalate		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Phenanthrene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Benzyl butyl phthalate		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	N-Nitrosodiphenylamine		ug/Kg	U	720
B7 12-14	BD28791	SW8270	02/08/13	1	Fluorene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Carbazole		ug/Kg	UJ	720
B7 12-14	BD28791	SW8270	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Pentachlorophenol		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	2,4,6-Trichlorophenol		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	2-Nitroaniline		ug/Kg	UJ	400



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 12-14	BD28791	SW8270	02/08/13	1	2-Nitrophenol		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Naphthalene	110	ug/Kg	J	250
B7 12-14	BD28791	SW8270	02/08/13	1	2-Methylnaphthalene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	2-Chloronaphthalene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	490
B7 12-14	BD28791	SW8270	02/08/13	1	Benzidine		ug/Kg	UJ	250
B7 12-14	BD28791	SW8270	02/08/13	1	2-Methylphenol (o-cresol)		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	2-Chlorophenol		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	2,4,5-Trichlorophenol		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Acetophenone		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	Nitrobenzene		ug/Kg	U	250
B7 12-14	BD28791	SW8270	02/08/13	1	3-Nitroaniline		ug/Kg	U	400
B7 12-14	BD28791	SW8270	02/08/13	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	250
B7 1-3	BD28790	E160.3	02/08/13	1	SOLIDS, PERCENT	81	%		
B7 1-3	BD28790	SW8260	02/08/13	100	Ethylbenzene	180	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	Styrene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	cis-1,3-Dichloropropene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	trans-1,3-Dichloropropene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	n-Propylbenzene	180	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	n-Butylbenzene	120	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	4-Chlorotoluene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,2-Dibromoethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,2-Dichloroethane	120	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	Acrylonitrile		ug/Kg	UJ	1200
B7 1-3	BD28790	SW8260	02/08/13	100	4-Methyl-2-pentanone		ug/Kg	U	2900
B7 1-3	BD28790	SW8260	02/08/13	100	1,3,5-Trimethylbenzene	220	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	Bromobenzene	95	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	Toluene	790	ug/Kg		580
B7 1-3	BD28790	SW8260	02/08/13	100	Chlorobenzene	530	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	Tetrahydrofuran (THF)		ug/Kg	U	1200
B7 1-3	BD28790	SW8260	02/08/13	100	trans-1,4-dichloro-2-butene		ug/Kg	U	1200
B7 1-3	BD28790	SW8260	02/08/13	100	Dibromochloromethane		ug/Kg	U	580



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 1-3	BD28790	SW8260	02/08/13	100	sec-Butylbenzene	240	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,3-Dichloropropane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	trans-1,2-Dichloroethene	1600	ug/Kg		580
B7 1-3	BD28790	SW8260	02/08/13	100	Methyl t-butyl ether (MTBE)		ug/Kg	U	1200
B7 1-3	BD28790	SW8260	02/08/13	100	m&p-Xylene	300	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	2-Isopropyltoluene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Carbon tetrachloride		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,1-Dichloropropene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	2-Hexanone		ug/Kg	U	2900
B7 1-3	BD28790	SW8260	02/08/13	100	2,2-Dichloropropane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,1,1,2-Tetrachloroethane		ug/Kg	U	580
BD28802-TB	BD28802	SW8260	02/08/13	50	Acetone		ug/Kg	U	2500
B7 1-3	BD28790	SW8260	02/08/13	100	Chloroform		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Benzene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,1,1-Trichloroethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Bromomethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Chloromethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Dibromomethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Bromochloromethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Chloroethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Vinyl chloride		ug/Kg	U	580
BD28803-TB	BD28803	SW8260	02/08/13	1	Acetone	6.6	ug/Kg	U	50
B7 1-3	BD28790	SW8260	02/08/13	100	Carbon Disulfide		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Bromoform		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Bromodichloromethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,1-Dichloroethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,1-Dichloroethene	270	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	Trichlorofluoromethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Dichlorodifluoromethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Trichlorotrifluoroethane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,2-Dichloropropane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Methyl Ethyl Ketone		ug/Kg	U	3500
B7 1-3	BD28790	SW8260	02/08/13	100	1,1,2-Trichloroethane	180	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,1,2,2-Tetrachloroethane		ug/Kg	U	580



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 1-3	BD28790	SW8260	02/08/13	100	1,2,3-Trichlorobenzene	5900	ug/Kg		580
B7 1-3	BD28790	SW8260	02/08/13	100	Hexachlorobutadiene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Naphthalene	590	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	100	o-Xylene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	2-Chlorotoluene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,2,4-Trimethylbenzene	630	ug/Kg		580
B7 1-3	BD28790	SW8260	02/08/13	100	1,2-Dibromo-3-chloropropane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	1,2,3-Trichloropropane		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	tert-Butylbenzene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	Isopropylbenzene		ug/Kg	U	580
B7 1-3	BD28790	SW8260	02/08/13	100	p-Isopropyltoluene	180	ug/Kg	J	580
B7 1-3	BD28790	SW8260	02/08/13	1111	1,4-Dichlorobenzene	44000	ug/Kg		6500
B7 1-3	BD28790	SW8260	02/08/13	1111	1,2,4-Trichlorobenzene	21000	ug/Kg		6500
B7 1-3	BD28790	SW8260	02/08/13	1111	Tetrachloroethene	36000	ug/Kg		6100
B7 1-3	BD28790	SW8260	02/08/13	1111	cis-1,2-Dichloroethene	38000	ug/Kg		6100
B7 1-3	BD28790	SW8260	02/08/13	1111	1,3-Dichlorobenzene	64000	ug/Kg		6500
B7 1-3	BD28790	SW8260	02/08/13	1111	1,2-Dichlorobenzene	44000	ug/Kg		6500
B7 1-3	BD28790	SW8260	02/08/13	5000	Trichloroethene	350000	ug/Kg		27000
B7 1-3	BD28790	SW8270	02/08/13	10	4-Nitroaniline		ug/Kg	U	4500
B7 1-3	BD28790	SW8270	02/08/13	10	4-Nitrophenol		ug/Kg	U	8200
B7 1-3	BD28790	SW8270	02/08/13	10	4-Bromophenyl phenyl ether		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	2,4-Dimethylphenol		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	1,4-Dichlorobenzene	30000	ug/Kg		2800
B7 1-3	BD28790	SW8270	02/08/13	10	4-Chloroaniline		ug/Kg	UJ	5700
B7 1-3	BD28790	SW8270	02/08/13	10	Phenol		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Pyridine		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Bis(2-chloroethyl)ether		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Bis(2-chloroethoxy)methane		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Bis(2-ethylhexyl)phthalate	11000	ug/Kg		2800
B7 1-3	BD28790	SW8270	02/08/13	10	Di-n-octylphthalate		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Hexachlorobenzene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Anthracene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	1,2,4-Trichlorobenzene	11000	ug/Kg		2800
B7 1-3	BD28790	SW8270	02/08/13	10	2,4-Dichlorophenol		ug/Kg	U	2800



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 1-3	BD28790	SW8270	02/08/13	10	2,4-Dinitrotoluene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	1,2-Diphenylhydrazine		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Pyrene	3800	ug/Kg		2800
B7 1-3	BD28790	SW8270	02/08/13	10	Dimethylphthalate	3000	ug/Kg		2800
B7 1-3	BD28790	SW8270	02/08/13	10	Dibenzofuran		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Benzo(ghi)perylene		ug/Kg	UJ	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Indeno(1,2,3-cd)pyrene		ug/Kg	UJ	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Benzo(b)fluoranthene	4100	ug/Kg		2800
B7 1-3	BD28790	SW8270	02/08/13	10	Fluoranthene	3700	ug/Kg		2800
B7 1-3	BD28790	SW8270	02/08/13	10	Benzo(k)fluoranthene	1600	ug/Kg	J	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Acenaphthylene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Chrysene	2700	ug/Kg	J	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Bis(2-chloroisopropyl)ether		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Benzo(a)pyrene	2200	ug/Kg	J	2800
B7 1-3	BD28790	SW8270	02/08/13	10	2,4-Dinitrophenol		ug/Kg	R	4500
B7 1-3	BD28790	SW8270	02/08/13	10	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Dibenz(a,h)anthracene		ug/Kg	UJ	2800
B7 1-3	BD28790	SW8270	02/08/13	10	1,3-Dichlorobenzene	40000	ug/Kg		2800
B7 1-3	BD28790	SW8270	02/08/13	10	Benz(a)anthracene	1800	ug/Kg	J	2800
B7 1-3	BD28790	SW8270	02/08/13	10	4-Chloro-3-methylphenol		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	2,6-Dinitrotoluene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	N-Nitrosodi-n-propylamine		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Aniline		ug/Kg	UJ	8200
B7 1-3	BD28790	SW8270	02/08/13	10	N-Nitrosodimethylamine		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Benzoic acid		ug/Kg	R	8200
B7 1-3	BD28790	SW8270	02/08/13	10	Hexachloroethane		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	4-Chlorophenyl phenyl ether		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Hexachlorocyclopentadiene		ug/Kg	UJ	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Isophorone		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Pentachloronitrobenzene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Acenaphthene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Diethyl phthalate		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Di-n-butylphthalate		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Phenanthrene	3500	ug/Kg		2800



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 1-3	BD28790	SW8270	02/08/13	10	Benzyl butyl phthalate		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	N-Nitrosodiphenylamine		ug/Kg	U	8200
B7 1-3	BD28790	SW8270	02/08/13	10	Fluorene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Carbazole		ug/Kg	UJ	8200
B7 1-3	BD28790	SW8270	02/08/13	10	Hexachlorobutadiene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Pentachlorophenol		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	2,4,6-Trichlorophenol		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	2-Nitroaniline		ug/Kg	UJ	4500
B7 1-3	BD28790	SW8270	02/08/13	10	2-Nitrophenol		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Naphthalene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	2-Methylnaphthalene	2000	ug/Kg	J	2800
B7 1-3	BD28790	SW8270	02/08/13	10	2-Chloronaphthalene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	3,3'-Dichlorobenzidine		ug/Kg	UJ	5700
B7 1-3	BD28790	SW8270	02/08/13	10	Benzidine		ug/Kg	UJ	2800
B7 1-3	BD28790	SW8270	02/08/13	10	2-Methylphenol (o-cresol)		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	1,2-Dichlorobenzene	35000	ug/Kg		2800
B7 1-3	BD28790	SW8270	02/08/13	10	2-Chlorophenol		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	2,4,5-Trichlorophenol		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Acetophenone		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	Nitrobenzene		ug/Kg	U	2800
B7 1-3	BD28790	SW8270	02/08/13	10	3-Nitroaniline		ug/Kg	U	4500
B7 1-3	BD28790	SW8270	02/08/13	10	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	2800
B7 38-40	BD28800	E160.3	02/08/13	1	SOLIDS, PERCENT	87	%		
B7 38-40	BD28800	SW8260	02/08/13	1	Ethylbenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Styrene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	cis-1,3-Dichloropropene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	trans-1,3-Dichloropropene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	n-Propylbenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	n-Butylbenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	4-Chlorotoluene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,2-Dibromoethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,2-Dichloroethane		ug/Kg	U	4.8



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 38-40	BD28800	SW8260	02/08/13	1	Acrylonitrile		ug/Kg	UJ	9.5
B7 38-40	BD28800	SW8260	02/08/13	1	4-Methyl-2-pentanone		ug/Kg	U	24
B7 38-40	BD28800	SW8260	02/08/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Bromobenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Toluene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Chlorobenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Tetrahydrofuran (THF)		ug/Kg	U	9.5
B7 38-40	BD28800	SW8260	02/08/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	9.5
B7 38-40	BD28800	SW8260	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Dibromochloromethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Tetrachloroethene	1.9	ug/Kg	J	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	sec-Butylbenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,3-Dichloropropane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	cis-1,2-Dichloroethene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	trans-1,2-Dichloroethene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	9.5
B7 38-40	BD28800	SW8260	02/08/13	1	m&p-Xylene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	2-Isopropyltoluene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Carbon tetrachloride		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,1-Dichloropropene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	2-Hexanone		ug/Kg	U	24
B7 38-40	BD28800	SW8260	02/08/13	1	2,2-Dichloropropane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Chloroform		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Benzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,1,1-Trichloroethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Bromomethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Chloromethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Dibromomethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Bromochloromethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Chloroethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Vinyl chloride		ug/Kg	U	4.8
DUPLICATE	BD28801	SW8260	02/08/13	1	Acetone		ug/Kg	U	27



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B7 38-40	BD28800	SW8260	02/08/13	1	Carbon Disulfide		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Bromoform		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Bromodichloromethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,1-Dichloroethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,1-Dichloroethene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Trichlorofluoromethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Dichlorodifluoromethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Trichlorotrifluoroethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,2-Dichloropropane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Methyl Ethyl Ketone		ug/Kg	U	29
B7 38-40	BD28800	SW8260	02/08/13	1	1,1,2-Trichloroethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Trichloroethene	7.5	ug/Kg		4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Naphthalene	3.7	ug/Kg	J	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	o-Xylene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	2-Chlorotoluene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	1,2,3-Trichloropropane		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	tert-Butylbenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	Isopropylbenzene		ug/Kg	U	4.8
B7 38-40	BD28800	SW8260	02/08/13	1	p-Isopropyltoluene		ug/Kg	U	4.8
B8 12-14	BD28792	E160.3	02/08/13	1	SOLIDS, PERCENT	93	%		
B8 12-14	BD28792	SW6010	02/08/13	10	Aluminum	6210	mg/Kg		34
B8 12-14	BD28792	SW6010	02/08/13	10	Iron	16600	mg/Kg		34
B8 12-14	BD28792	SW6010	02/08/13	10	Manganese	262	mg/Kg		3.4
B8 12-14	BD28792	SW6010	02/08/13	1	Lead	4.7	mg/Kg		0.7
B8 12-14	BD28792	SW6010	02/08/13	1	Magnesium	1460	mg/Kg		3.4
B8 12-14	BD28792	SW6010	02/08/13	1	Nickel	8.58	mg/Kg		0.34
B8 12-14	BD28792	SW6010	02/08/13	1	Potassium	1180	mg/Kg	J	7
B8 12-14	BD28792	SW6010	02/08/13	1	Thallium		mg/Kg	U	0.5



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B8 12-14	BD28792	SW6010	02/08/13	1	Antimony		mg/Kg	U	1.7
B8 12-14	BD28792	SW6010	02/08/13	1	Arsenic	0.9	mg/Kg		0.7
B8 12-14	BD28792	SW6010	02/08/13	1	Barium	29.6	mg/Kg		0.7
B8 12-14	BD28792	SW6010	02/08/13	1	Beryllium	0.39	mg/Kg		0.27
B8 12-14	BD28792	SW6010	02/08/13	1	Cadmium		mg/Kg	U	0.34
B8 12-14	BD28792	SW6010	02/08/13	1	Chromium	14.2	mg/Kg		0.34
B8 12-14	BD28792	SW6010	02/08/13	1	Cobalt	4.27	mg/Kg		0.34
B8 12-14	BD28792	SW6010	02/08/13	1	Copper	10.1	mg/Kg		0.34
B8 12-14	BD28792	SW6010	02/08/13	1	Vanadium	21.2	mg/Kg		0.3
B8 12-14	BD28792	SW6010	02/08/13	1	Zinc	22.6	mg/Kg		0.7
B8 12-14	BD28792	SW6010	02/08/13	1	Calcium	521	mg/Kg	J	3.4
B8 12-14	BD28792	SW6010	02/08/13	1	Selenium		mg/Kg	U	1.3
B8 12-14	BD28792	SW6010	02/08/13	1	Silver		mg/Kg	U	0.34
B8 12-14	BD28792	SW6010	02/08/13	1	Sodium	88	mg/Kg	J	7
B8 12-14	BD28792	SW7471	02/08/13	1	Mercury		mg/Kg	U	0.08
B8 12-14	BD28792	SW8081	02/08/13	1	Heptachlor epoxide		ug/Kg	U	1.8
B8 12-14	BD28792	SW8081	02/08/13	1	Endosulfan sulfate		ug/Kg	U	3.5
B8 12-14	BD28792	SW8081	02/08/13	1	Aldrin		ug/Kg	U	1.8
B8 12-14	BD28792	SW8081	02/08/13	1	a-BHC		ug/Kg	U	1.8
B8 12-14	BD28792	SW8081	02/08/13	1	b-BHC		ug/Kg	U	1.8
B8 12-14	BD28792	SW8081	02/08/13	1	d-BHC		ug/Kg	U	1.8
B8 12-14	BD28792	SW8081	02/08/13	1	Endosulfan II		ug/Kg	U	3.5
B8 12-14	BD28792	SW8081	02/08/13	1	4,4' -DDT		ug/Kg	U	2.5
B8 12-14	BD28792	SW8081	02/08/13	1	a-Chlordane		ug/Kg	U	3.5
B8 12-14	BD28792	SW8081	02/08/13	1	g-Chlordane		ug/Kg	U	3.5
B8 12-14	BD28792	SW8081	02/08/13	1	Endrin ketone		ug/Kg	U	1.8
B8 12-14	BD28792	SW8081	02/08/13	1	Chlordane		ug/Kg	U	21
B8 12-14	BD28792	SW8081	02/08/13	1	g-BHC		ug/Kg	U	1.8
B8 12-14	BD28792	SW8081	02/08/13	1	Dieldrin		ug/Kg	U	1.8
B8 12-14	BD28792	SW8081	02/08/13	1	Endrin		ug/Kg	U	1.8
B8 12-14	BD28792	SW8081	02/08/13	1	Methoxychlor		ug/Kg	U	7.0
B8 12-14	BD28792	SW8081	02/08/13	1	4,4' -DDD		ug/Kg	U	2.5
B8 12-14	BD28792	SW8081	02/08/13	1	4,4' -DDE		ug/Kg	U	2.5
B8 12-14	BD28792	SW8081	02/08/13	1	Endrin aldehyde		ug/Kg	U	3.5



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B8 12-14	BD28792	SW8081	02/08/13	1	Heptachlor		ug/Kg	U	1.8
B8 12-14	BD28792	SW8081	02/08/13	1	Toxaphene		ug/Kg	U	34
B8 12-14	BD28792	SW8081	02/08/13	1	Endosulfan I		ug/Kg	U	3.5
B8 12-14	BD28792	SW8082	02/08/13	1	PCB-1260		ug/Kg	U	35
B8 12-14	BD28792	SW8082	02/08/13	1	PCB-1254		ug/Kg	U	35
B8 12-14	BD28792	SW8082	02/08/13	1	PCB-1268		ug/Kg	U	35
B8 12-14	BD28792	SW8082	02/08/13	1	PCB-1221		ug/Kg	U	35
B8 12-14	BD28792	SW8082	02/08/13	1	PCB-1232		ug/Kg	U	35
B8 12-14	BD28792	SW8082	02/08/13	1	PCB-1248		ug/Kg	U	35
B8 12-14	BD28792	SW8082	02/08/13	1	PCB-1016		ug/Kg	U	35
B8 12-14	BD28792	SW8082	02/08/13	1	PCB-1262		ug/Kg	U	35
B8 12-14	BD28792	SW8082	02/08/13	1	PCB-1242		ug/Kg	U	35
B8 12-14	BD28792	SW8260	02/08/13	1	Ethylbenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Styrene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	cis-1,3-Dichloropropene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	trans-1,3-Dichloropropene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	n-Propylbenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	n-Butylbenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	4-Chlorotoluene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,2-Dibromoethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,2-Dichloroethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Acrylonitrile		ug/Kg	UJ	9.0
B8 12-14	BD28792	SW8260	02/08/13	1	4-Methyl-2-pentanone		ug/Kg	U	23
B8 12-14	BD28792	SW8260	02/08/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Bromobenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Toluene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Chlorobenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Tetrahydrofuran (THF)		ug/Kg	U	9.0
B8 12-14	BD28792	SW8260	02/08/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	9.0
B8 12-14	BD28792	SW8260	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Dibromochloromethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Tetrachloroethene	1.5	ug/Kg	J	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	sec-Butylbenzene		ug/Kg	U	4.5



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B8 12-14	BD28792	SW8260	02/08/13	1	1,3-Dichloropropane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	cis-1,2-Dichloroethene	1.3	ug/Kg	J	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	trans-1,2-Dichloroethene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	9.0
B8 12-14	BD28792	SW8260	02/08/13	1	m&p-Xylene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	2-Isopropyltoluene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Carbon tetrachloride		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,1-Dichloropropene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	2-Hexanone		ug/Kg	UJ	23
B8 12-14	BD28792	SW8260	02/08/13	1	2,2-Dichloropropane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	4.5
B10 12-14	BD28795	SW8260	02/08/13	1	Methylene chloride		ug/Kg	U	4.2
B8 12-14	BD28792	SW8260	02/08/13	1	Chloroform		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Benzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,1,1-Trichloroethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Bromomethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Chloromethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Dibromomethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Bromochloromethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Chloroethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Vinyl chloride		ug/Kg	U	4.5
B11 12-14	BD28796	SW8260	02/08/13	1	Methylene chloride	6.7	ug/Kg	U	5.6
B8 12-14	BD28792	SW8260	02/08/13	1	Carbon Disulfide		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Bromoform		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Bromodichloromethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,1-Dichloroethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,1-Dichloroethene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Trichlorofluoromethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Dichlorodifluoromethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Trichlorotrifluoroethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,2-Dichloropropane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Methyl Ethyl Ketone		ug/Kg	U	27
B8 12-14	BD28792	SW8260	02/08/13	1	1,1,2-Trichloroethane		ug/Kg	U	4.5



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B8 12-14	BD28792	SW8260	02/08/13	1	Trichloroethene	16	ug/Kg		4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Naphthalene		ug/Kg	UJ	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	o-Xylene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	2-Chlorotoluene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	1,2,3-Trichloropropane		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	tert-Butylbenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	Isopropylbenzene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8260	02/08/13	1	p-Isopropyltoluene		ug/Kg	U	4.5
B8 12-14	BD28792	SW8270	02/08/13	1	4-Nitroaniline		ug/Kg	U	400
B8 12-14	BD28792	SW8270	02/08/13	1	4-Nitrophenol		ug/Kg	U	720
B8 12-14	BD28792	SW8270	02/08/13	1	4-Bromophenyl phenyl ether		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	2,4-Dimethylphenol		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	4-Chloroaniline		ug/Kg	UJ	500
B8 12-14	BD28792	SW8270	02/08/13	1	Phenol		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Pyridine		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Bis(2-chloroethyl)ether		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Bis(2-chloroethoxy)methane		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Di-n-octylphthalate		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Hexachlorobenzene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Anthracene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	2,4-Dichlorophenol		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	2,4-Dinitrotoluene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	1,2-Diphenylhydrazine		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Pyrene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Dimethylphthalate		ug/Kg	U	250



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B8 12-14	BD28792	SW8270	02/08/13	1	Dibenzofuran		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Benzo(ghi)perylene		ug/Kg	UJ	250
B8 12-14	BD28792	SW8270	02/08/13	1	Indeno(1,2,3-cd)pyrene		ug/Kg	UJ	250
B8 12-14	BD28792	SW8270	02/08/13	1	Benzo(b)fluoranthene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Fluoranthene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Benzo(k)fluoranthene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Acenaphthylene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Chrysene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Benzo(a)pyrene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	2,4-Dinitrophenol		ug/Kg	R	400
B8 12-14	BD28792	SW8270	02/08/13	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	250
B8 12-14	BD28792	SW8270	02/08/13	1	Dibenz(a,h)anthracene		ug/Kg	UJ	250
B8 12-14	BD28792	SW8270	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Benz(a)anthracene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	4-Chloro-3-methylphenol		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	2,6-Dinitrotoluene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	N-Nitrosodi-n-propylamine		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Aniline		ug/Kg	UJ	720
B8 12-14	BD28792	SW8270	02/08/13	1	N-Nitrosodimethylamine		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Benzoic acid		ug/Kg	R	720
B8 12-14	BD28792	SW8270	02/08/13	1	Hexachloroethane		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	4-Chlorophenyl phenyl ether		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Hexachlorocyclopentadiene		ug/Kg	UJ	250
B8 12-14	BD28792	SW8270	02/08/13	1	Isophorone		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Pentachloronitrobenzene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Acenaphthene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Diethyl phthalate		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Di-n-butylphthalate		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Phenanthrene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Benzyl butyl phthalate		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	N-Nitrosodiphenylamine		ug/Kg	U	720
B8 12-14	BD28792	SW8270	02/08/13	1	Fluorene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Carbazole		ug/Kg	UJ	720



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B8 12-14	BD28792	SW8270	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Pentachlorophenol		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	2,4,6-Trichlorophenol		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	2-Nitroaniline		ug/Kg	UJ	400
B8 12-14	BD28792	SW8270	02/08/13	1	2-Nitrophenol		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Naphthalene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	2-Methylnaphthalene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	2-Chloronaphthalene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	500
B8 12-14	BD28792	SW8270	02/08/13	1	Benzidine		ug/Kg	UJ	250
B8 12-14	BD28792	SW8270	02/08/13	1	2-Methylphenol (o-cresol)		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	2-Chlorophenol		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	2,4,5-Trichlorophenol		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Acetophenone		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	Nitrobenzene		ug/Kg	U	250
B8 12-14	BD28792	SW8270	02/08/13	1	3-Nitroaniline		ug/Kg	U	400
B8 12-14	BD28792	SW8270	02/08/13	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	250
B11 38-40	BD28797	SW8260	02/08/13	1	Methylene chloride	11	ug/Kg	U	5.6
B12 12-14	BD28798	SW8260	02/08/13	1	Methylene chloride	11	ug/Kg	U	5.6
B8 38-40	BD28793	E160.3	02/08/13	1	SOLIDS, PERCENT	91	%		
B8 38-40	BD28793	SW8260	02/08/13	1	Ethylbenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Styrene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	cis-1,3-Dichloropropene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	trans-1,3-Dichloropropene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	n-Propylbenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	n-Butylbenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	4-Chlorotoluene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,2-Dibromoethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,2-Dichloroethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Acrylonitrile		ug/Kg	UJ	6.7
B8 38-40	BD28793	SW8260	02/08/13	1	4-Methyl-2-pentanone		ug/Kg	U	17



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B8 38-40	BD28793	SW8260	02/08/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Bromobenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Toluene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Chlorobenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Tetrahydrofuran (THF)		ug/Kg	U	6.7
B8 38-40	BD28793	SW8260	02/08/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	6.7
B8 38-40	BD28793	SW8260	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Dibromochloromethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Tetrachloroethene	2.4	ug/Kg	J	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	sec-Butylbenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,3-Dichloropropane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	cis-1,2-Dichloroethene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	trans-1,2-Dichloroethene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	6.7
B8 38-40	BD28793	SW8260	02/08/13	1	m&p-Xylene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	2-Isopropyltoluene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Carbon tetrachloride		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,1-Dichloropropene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	2-Hexanone		ug/Kg	U	17
B8 38-40	BD28793	SW8260	02/08/13	1	2,2-Dichloropropane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	3.4
B12 38-40	BD28799	SW8260	02/08/13	1	Methylene chloride	9.1	ug/Kg	U	5.7
B8 38-40	BD28793	SW8260	02/08/13	1	Chloroform		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Benzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,1,1-Trichloroethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Bromomethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Chloromethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Dibromomethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Bromochloromethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Chloroethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Vinyl chloride		ug/Kg	U	3.4
B7 12-14	BD28791	SW8260	02/08/13	1	Methylene chloride		ug/Kg	U	3.6
B8 38-40	BD28793	SW8260	02/08/13	1	Carbon Disulfide		ug/Kg	U	3.4



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B8 38-40	BD28793	SW8260	02/08/13	1	Bromoform		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Bromodichloromethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,1-Dichloroethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,1-Dichloroethene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Trichlorofluoromethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Dichlorodifluoromethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Trichlorotrifluoroethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,2-Dichloropropane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Methyl Ethyl Ketone		ug/Kg	U	20
B8 38-40	BD28793	SW8260	02/08/13	1	1,1,2-Trichloroethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Trichloroethene	1.0	ug/Kg	J	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Naphthalene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	o-Xylene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	2-Chlorotoluene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	1,2,3-Trichloropropane		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	tert-Butylbenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	Isopropylbenzene		ug/Kg	U	3.4
B8 38-40	BD28793	SW8260	02/08/13	1	p-Isopropyltoluene		ug/Kg	U	3.4
B9 12-14	BD28794	E160.3	02/08/13	1	SOLIDS, PERCENT	92	%		
B9 12-14	BD28794	SW6010	02/08/13	10	Aluminum	7230	mg/Kg		32
B9 12-14	BD28794	SW6010	02/08/13	10	Iron	24200	mg/Kg		32
B9 12-14	BD28794	SW6010	02/08/13	10	Manganese	383	mg/Kg		3.2
B9 12-14	BD28794	SW6010	02/08/13	1	Lead	15.4	mg/Kg		0.6
B9 12-14	BD28794	SW6010	02/08/13	1	Magnesium	1620	mg/Kg		3.2
B9 12-14	BD28794	SW6010	02/08/13	1	Nickel	9.29	mg/Kg		0.32
B9 12-14	BD28794	SW6010	02/08/13	1	Potassium	1150	mg/Kg	J	6
B9 12-14	BD28794	SW6010	02/08/13	1	Thallium		mg/Kg	U	0.5
B9 12-14	BD28794	SW6010	02/08/13	1	Antimony		mg/Kg	U	1.6



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B9 12-14	BD28794	SW6010	02/08/13	1	Arsenic	0.8	mg/Kg		0.6
B9 12-14	BD28794	SW6010	02/08/13	1	Barium	29.0	mg/Kg		0.6
B9 12-14	BD28794	SW6010	02/08/13	1	Beryllium	0.48	mg/Kg		0.26
B9 12-14	BD28794	SW6010	02/08/13	1	Cadmium		mg/Kg	U	0.32
B9 12-14	BD28794	SW6010	02/08/13	1	Chromium	16.5	mg/Kg		0.32
B9 12-14	BD28794	SW6010	02/08/13	1	Cobalt	5.28	mg/Kg		0.32
B9 12-14	BD28794	SW6010	02/08/13	1	Copper	13.0	mg/Kg		0.32
B9 12-14	BD28794	SW6010	02/08/13	1	Vanadium	25.2	mg/Kg		0.3
B9 12-14	BD28794	SW6010	02/08/13	1	Zinc	28.0	mg/Kg		0.6
B9 12-14	BD28794	SW6010	02/08/13	1	Calcium	933	mg/Kg	J	3.2
B9 12-14	BD28794	SW6010	02/08/13	1	Selenium		mg/Kg	U	1.3
B9 12-14	BD28794	SW6010	02/08/13	1	Silver		mg/Kg	U	0.32
B9 12-14	BD28794	SW6010	02/08/13	1	Sodium	92	mg/Kg	J	6
B9 12-14	BD28794	SW7471	02/08/13	1	Mercury	0.10	mg/Kg		0.08
B9 12-14	BD28794	SW8081	02/08/13	1	Heptachlor epoxide		ug/Kg	U	1.8
B9 12-14	BD28794	SW8081	02/08/13	1	Endosulfan sulfate		ug/Kg	U	3.6
B9 12-14	BD28794	SW8081	02/08/13	1	Aldrin		ug/Kg	U	1.8
B9 12-14	BD28794	SW8081	02/08/13	1	a-BHC		ug/Kg	U	1.8
B9 12-14	BD28794	SW8081	02/08/13	1	b-BHC		ug/Kg	U	1.8
B9 12-14	BD28794	SW8081	02/08/13	1	d-BHC		ug/Kg	U	1.8
B9 12-14	BD28794	SW8081	02/08/13	1	Endosulfan II		ug/Kg	U	3.6
B9 12-14	BD28794	SW8081	02/08/13	1	4,4' -DDT	140	ug/Kg		13
B9 12-14	BD28794	SW8081	02/08/13	1	a-Chlordane		ug/Kg	U	3.6
B9 12-14	BD28794	SW8081	02/08/13	1	g-Chlordane		ug/Kg	U	3.6
B9 12-14	BD28794	SW8081	02/08/13	1	Endrin ketone		ug/Kg	U	1.8
B9 12-14	BD28794	SW8081	02/08/13	1	Chlordane	760	ug/Kg		110
B9 12-14	BD28794	SW8081	02/08/13	1	g-BHC		ug/Kg	U	1.8
B9 12-14	BD28794	SW8081	02/08/13	1	Dieldrin	55	ug/Kg		1.8
B9 12-14	BD28794	SW8081	02/08/13	1	Endrin		ug/Kg	U	2.4
B9 12-14	BD28794	SW8081	02/08/13	1	Methoxychlor		ug/Kg	U	7.2
B9 12-14	BD28794	SW8081	02/08/13	1	4,4' -DDD	160	ug/Kg		13
B9 12-14	BD28794	SW8081	02/08/13	1	4,4' -DDE	34	ug/Kg		2.6
B9 12-14	BD28794	SW8081	02/08/13	1	Endrin aldehyde		ug/Kg	U	3.6
B9 12-14	BD28794	SW8081	02/08/13	1	Heptachlor	7.0	ug/Kg		1.8



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B9 12-14	BD28794	SW8081	02/08/13	1	Toxaphene		ug/Kg	U	34
B9 12-14	BD28794	SW8081	02/08/13	1	Endosulfan I		ug/Kg	U	3.6
B9 12-14	BD28794	SW8082	02/08/13	1	PCB-1260		ug/Kg	U	36
B9 12-14	BD28794	SW8082	02/08/13	1	PCB-1254		ug/Kg	U	36
B9 12-14	BD28794	SW8082	02/08/13	1	PCB-1268		ug/Kg	U	36
B9 12-14	BD28794	SW8082	02/08/13	1	PCB-1221		ug/Kg	U	36
B9 12-14	BD28794	SW8082	02/08/13	1	PCB-1232		ug/Kg	U	36
B9 12-14	BD28794	SW8082	02/08/13	1	PCB-1248		ug/Kg	U	36
B9 12-14	BD28794	SW8082	02/08/13	1	PCB-1016		ug/Kg	U	36
B9 12-14	BD28794	SW8082	02/08/13	1	PCB-1262		ug/Kg	U	36
B9 12-14	BD28794	SW8082	02/08/13	1	PCB-1242		ug/Kg	U	36
B9 12-14	BD28794	SW8260	02/08/13	1	Ethylbenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Styrene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	cis-1,3-Dichloropropene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	trans-1,3-Dichloropropene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	n-Propylbenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	n-Butylbenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	4-Chlorotoluene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,2-Dibromoethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,2-Dichloroethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Acrylonitrile		ug/Kg	UJ	9.1
B9 12-14	BD28794	SW8260	02/08/13	1	4-Methyl-2-pentanone		ug/Kg	U	23
B9 12-14	BD28794	SW8260	02/08/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Bromobenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Toluene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Chlorobenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Tetrahydrofuran (THF)		ug/Kg	U	9.1
B9 12-14	BD28794	SW8260	02/08/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	9.1
B9 12-14	BD28794	SW8260	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Dibromochloromethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Tetrachloroethene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	sec-Butylbenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,3-Dichloropropane		ug/Kg	U	4.6



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B9 12-14	BD28794	SW8260	02/08/13	1	cis-1,2-Dichloroethene	19	ug/Kg		4.6
B9 12-14	BD28794	SW8260	02/08/13	1	trans-1,2-Dichloroethene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	9.1
B9 12-14	BD28794	SW8260	02/08/13	1	m&p-Xylene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	2-Isopropyltoluene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Carbon tetrachloride		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,1-Dichloropropene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	2-Hexanone		ug/Kg	U	23
B9 12-14	BD28794	SW8260	02/08/13	1	2,2-Dichloropropane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	4.6
B7 1-3	BD28790	SW8260	02/08/13	100	Methylene chloride	210	ug/Kg	J	580
B9 12-14	BD28794	SW8260	02/08/13	1	Chloroform		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Benzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,1,1-Trichloroethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Bromomethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Chloromethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Dibromomethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Bromochloromethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Chloroethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Vinyl chloride		ug/Kg	U	4.6
B7 38-40	BD28800	SW8260	02/08/13	1	Methylene chloride	1.4	ug/Kg	U	4.8
B9 12-14	BD28794	SW8260	02/08/13	1	Carbon Disulfide		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Bromoform		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Bromodichloromethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,1-Dichloroethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,1-Dichloroethene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Trichlorofluoromethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Dichlorodifluoromethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Trichlorotrifluoroethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,2-Dichloropropane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Methyl Ethyl Ketone		ug/Kg	U	27
B9 12-14	BD28794	SW8260	02/08/13	1	1,1,2-Trichloroethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Trichloroethene	20	ug/Kg		4.6



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B9 12-14	BD28794	SW8260	02/08/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Naphthalene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	o-Xylene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	2-Chlorotoluene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	1,2,3-Trichloropropane		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	tert-Butylbenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	Isopropylbenzene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8260	02/08/13	1	p-Isopropyltoluene		ug/Kg	U	4.6
B9 12-14	BD28794	SW8270	02/08/13	1	4-Nitroaniline		ug/Kg	U	400
B9 12-14	BD28794	SW8270	02/08/13	1	4-Nitrophenol		ug/Kg	U	730
B9 12-14	BD28794	SW8270	02/08/13	1	4-Bromophenyl phenyl ether		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	2,4-Dimethylphenol		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	4-Chloroaniline		ug/Kg	UJ	510
B9 12-14	BD28794	SW8270	02/08/13	1	Phenol		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Pyridine		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Bis(2-chloroethyl)ether		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Bis(2-chloroethoxy)methane		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Di-n-octylphthalate		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Hexachlorobenzene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Anthracene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	2,4-Dichlorophenol		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	2,4-Dinitrotoluene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	1,2-Diphenylhydrazine		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Pyrene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Dimethylphthalate		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Dibenzofuran		ug/Kg	U	250



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B9 12-14	BD28794	SW8270	02/08/13	1	Benzo(ghi)perylene		ug/Kg	UJ	250
B9 12-14	BD28794	SW8270	02/08/13	1	Indeno(1,2,3-cd)pyrene		ug/Kg	UJ	250
B9 12-14	BD28794	SW8270	02/08/13	1	Benzo(b)fluoranthene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Fluoranthene	130	ug/Kg	J	250
B9 12-14	BD28794	SW8270	02/08/13	1	Benzo(k)fluoranthene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Acenaphthylene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Chrysene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Benzo(a)pyrene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	2,4-Dinitrophenol		ug/Kg	R	400
B9 12-14	BD28794	SW8270	02/08/13	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	250
B9 12-14	BD28794	SW8270	02/08/13	1	Dibenz(a,h)anthracene		ug/Kg	UJ	250
B9 12-14	BD28794	SW8270	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Benz(a)anthracene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	4-Chloro-3-methylphenol		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	2,6-Dinitrotoluene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	N-Nitrosodi-n-propylamine		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Aniline		ug/Kg	UJ	730
B9 12-14	BD28794	SW8270	02/08/13	1	N-Nitrosodimethylamine		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Benzoic acid		ug/Kg	R	730
B9 12-14	BD28794	SW8270	02/08/13	1	Hexachloroethane		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	4-Chlorophenyl phenyl ether		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Hexachlorocyclopentadiene		ug/Kg	UJ	250
B9 12-14	BD28794	SW8270	02/08/13	1	Isophorone		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Pentachloronitrobenzene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Acenaphthene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Diethyl phthalate		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Di-n-butylphthalate		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Phenanthrene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Benzyl butyl phthalate		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	N-Nitrosodiphenylamine		ug/Kg	U	730
B9 12-14	BD28794	SW8270	02/08/13	1	Fluorene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Carbazole		ug/Kg	UJ	730
B9 12-14	BD28794	SW8270	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	250



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
B9 12-14	BD28794	SW8270	02/08/13	1	Pentachlorophenol		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	2,4,6-Trichlorophenol		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	2-Nitroaniline		ug/Kg	UJ	400
B9 12-14	BD28794	SW8270	02/08/13	1	2-Nitrophenol		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Naphthalene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	2-Methylnaphthalene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	2-Chloronaphthalene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	510
B9 12-14	BD28794	SW8270	02/08/13	1	Benzidine		ug/Kg	UJ	250
B9 12-14	BD28794	SW8270	02/08/13	1	2-Methylphenol (o-cresol)		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	2-Chlorophenol		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	2,4,5-Trichlorophenol		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Acetophenone		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	Nitrobenzene		ug/Kg	U	250
B9 12-14	BD28794	SW8270	02/08/13	1	3-Nitroaniline		ug/Kg	U	400
B9 12-14	BD28794	SW8270	02/08/13	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	250
BD28802-TB	BD28802	E160.3	02/08/13	1	SOLIDS, PERCENT	100	%		
BD28802-TB	BD28802	SW8260	02/08/13	50	Ethylbenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Styrene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	cis-1,3-Dichloropropene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	trans-1,3-Dichloropropene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	n-Propylbenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	n-Butylbenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	4-Chlorotoluene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,4-Dichlorobenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,2-Dibromoethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,2-Dichloroethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Acrylonitrile		ug/Kg	UJ	500
BD28802-TB	BD28802	SW8260	02/08/13	50	4-Methyl-2-pentanone		ug/Kg	U	1300
BD28802-TB	BD28802	SW8260	02/08/13	50	1,3,5-Trimethylbenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Bromobenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Toluene		ug/Kg	U	250



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BD28802-TB	BD28802	SW8260	02/08/13	50	Chlorobenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Tetrahydrofuran (THF)		ug/Kg	U	500
BD28802-TB	BD28802	SW8260	02/08/13	50	trans-1,4-dichloro-2-butene		ug/Kg	U	500
BD28802-TB	BD28802	SW8260	02/08/13	50	1,2,4-Trichlorobenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Dibromochloromethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Tetrachloroethene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	sec-Butylbenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,3-Dichloropropane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	cis-1,2-Dichloroethene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	trans-1,2-Dichloroethene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Methyl t-butyl ether (MTBE)		ug/Kg	U	500
BD28802-TB	BD28802	SW8260	02/08/13	50	m&p-Xylene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	2-Isopropyltoluene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,3-Dichlorobenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Carbon tetrachloride		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,1-Dichloropropene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	2-Hexanone		ug/Kg	U	1300
BD28802-TB	BD28802	SW8260	02/08/13	50	2,2-Dichloropropane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,1,1,2-Tetrachloroethane		ug/Kg	U	250
B8 12-14	BD28792	SW8260	02/08/13	1	Methylene chloride		ug/Kg	U	4.5
BD28802-TB	BD28802	SW8260	02/08/13	50	Chloroform		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Benzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,1,1-Trichloroethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Bromomethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Chloromethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Dibromomethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Bromochloromethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Chloroethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Vinyl chloride		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Carbon Disulfide		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Bromoform		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Bromodichloromethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,1-Dichloroethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,1-Dichloroethene		ug/Kg	U	250



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BD28802-TB	BD28802	SW8260	02/08/13	50	Trichlorofluoromethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Dichlorodifluoromethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Trichlorotrifluoroethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,2-Dichloropropane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Methyl Ethyl Ketone		ug/Kg	U	1500
BD28802-TB	BD28802	SW8260	02/08/13	50	1,1,2-Trichloroethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Trichloroethene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,1,2,2-Tetrachloroethane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,2,3-Trichlorobenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Hexachlorobutadiene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Naphthalene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	o-Xylene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	2-Chlorotoluene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,2-Dichlorobenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,2,4-Trimethylbenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,2-Dibromo-3-chloropropane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	1,2,3-Trichloropropane		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	tert-Butylbenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	Isopropylbenzene		ug/Kg	U	250
BD28802-TB	BD28802	SW8260	02/08/13	50	p-Isopropyltoluene		ug/Kg	U	250
BD28803-TB	BD28803	E160.3	02/08/13	1	SOLIDS, PERCENT	100	%		
BD28803-TB	BD28803	SW8260	02/08/13	1	Ethylbenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Styrene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	cis-1,3-Dichloropropene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	trans-1,3-Dichloropropene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	n-Propylbenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	n-Butylbenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	4-Chlorotoluene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,2-Dibromoethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,2-Dichloroethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Acrylonitrile		ug/Kg	UJ	10
BD28803-TB	BD28803	SW8260	02/08/13	1	4-Methyl-2-pentanone		ug/Kg	U	25
BD28803-TB	BD28803	SW8260	02/08/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	5.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BD28803-TB	BD28803	SW8260	02/08/13	1	Bromobenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Toluene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Chlorobenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Tetrahydrofuran (THF)		ug/Kg	U	10
BD28803-TB	BD28803	SW8260	02/08/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	10
BD28803-TB	BD28803	SW8260	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Dibromochloromethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Tetrachloroethene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	sec-Butylbenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,3-Dichloropropane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	cis-1,2-Dichloroethene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	trans-1,2-Dichloroethene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	10
BD28803-TB	BD28803	SW8260	02/08/13	1	m&p-Xylene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	2-Isopropyltoluene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Carbon tetrachloride		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,1-Dichloropropene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	2-Hexanone		ug/Kg	U	25
BD28803-TB	BD28803	SW8260	02/08/13	1	2,2-Dichloropropane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	5.0
B8 38-40	BD28793	SW8260	02/08/13	1	Methylene chloride		ug/Kg	U	3.4
BD28803-TB	BD28803	SW8260	02/08/13	1	Chloroform		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Benzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,1,1-Trichloroethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Bromomethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Chloromethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Dibromomethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Bromochloromethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Chloroethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Vinyl chloride		ug/Kg	U	5.0
B9 12-14	BD28794	SW8260	02/08/13	1	Methylene chloride		ug/Kg	U	4.6
BD28803-TB	BD28803	SW8260	02/08/13	1	Carbon Disulfide		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Bromoform		ug/Kg	U	5.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BD28803-TB	BD28803	SW8260	02/08/13	1	Bromodichloromethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,1-Dichloroethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,1-Dichloroethene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Trichlorofluoromethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Dichlorodifluoromethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Trichlorotrifluoroethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,2-Dichloropropane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Methyl Ethyl Ketone		ug/Kg	U	30
BD28803-TB	BD28803	SW8260	02/08/13	1	1,1,2-Trichloroethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Trichloroethene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Naphthalene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	o-Xylene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	2-Chlorotoluene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	1,2,3-Trichloropropane		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	tert-Butylbenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	Isopropylbenzene		ug/Kg	U	5.0
BD28803-TB	BD28803	SW8260	02/08/13	1	p-Isopropyltoluene		ug/Kg	U	5.0
BD28802-TB	BD28802	SW8260	02/08/13	50	Methylene chloride	120	ug/Kg	J	250
BD28803-TB	BD28803	SW8260	02/08/13	1	Methylene chloride		ug/Kg	U	5.0
DUPLICATE	BD28801	E160.3	02/08/13	1	SOLIDS, PERCENT	93	%		
DUPLICATE	BD28801	SW6010	02/08/13	10	Aluminum	6370	mg/Kg		36
DUPLICATE	BD28801	SW6010	02/08/13	10	Iron	16800	mg/Kg		36
DUPLICATE	BD28801	SW6010	02/08/13	10	Manganese	275	mg/Kg		3.6
DUPLICATE	BD28801	SW6010	02/08/13	1	Lead	3.9	mg/Kg		0.7
DUPLICATE	BD28801	SW6010	02/08/13	1	Magnesium	2200	mg/Kg		3.6
DUPLICATE	BD28801	SW6010	02/08/13	1	Nickel	10.1	mg/Kg		0.36
DUPLICATE	BD28801	SW6010	02/08/13	1	Potassium	1040	mg/Kg	J	7
DUPLICATE	BD28801	SW6010	02/08/13	1	Thallium		mg/Kg	U	0.6



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD28801	SW6010	02/08/13	1	Antimony		mg/Kg	U	1.8
DUPLICATE	BD28801	SW6010	02/08/13	1	Arsenic		mg/Kg	U	0.7
DUPLICATE	BD28801	SW6010	02/08/13	1	Barium	23.5	mg/Kg		0.7
DUPLICATE	BD28801	SW6010	02/08/13	1	Beryllium	0.33	mg/Kg		0.29
DUPLICATE	BD28801	SW6010	02/08/13	1	Cadmium		mg/Kg	U	0.36
DUPLICATE	BD28801	SW6010	02/08/13	1	Chromium	13.0	mg/Kg		0.36
DUPLICATE	BD28801	SW6010	02/08/13	1	Cobalt	4.20	mg/Kg		0.36
DUPLICATE	BD28801	SW6010	02/08/13	1	Copper	12.9	mg/Kg		0.36
DUPLICATE	BD28801	SW6010	02/08/13	1	Vanadium	20.8	mg/Kg		0.4
DUPLICATE	BD28801	SW6010	02/08/13	1	Zinc	33.5	mg/Kg		0.7
DUPLICATE	BD28801	SW6010	02/08/13	1	Calcium	542	mg/Kg	J	3.6
DUPLICATE	BD28801	SW6010	02/08/13	1	Selenium		mg/Kg	U	1.5
DUPLICATE	BD28801	SW6010	02/08/13	1	Silver		mg/Kg	U	0.36
DUPLICATE	BD28801	SW6010	02/08/13	1	Sodium	46	mg/Kg	J	7
DUPLICATE	BD28801	SW7471	02/08/13	1	Mercury		mg/Kg	U	0.07
DUPLICATE	BD28801	SW8081	02/08/13	1	Heptachlor epoxide		ug/Kg	U	1.8
DUPLICATE	BD28801	SW8081	02/08/13	1	Endosulfan sulfate		ug/Kg	U	3.5
DUPLICATE	BD28801	SW8081	02/08/13	1	Aldrin		ug/Kg	U	1.8
DUPLICATE	BD28801	SW8081	02/08/13	1	a-BHC		ug/Kg	U	1.8
DUPLICATE	BD28801	SW8081	02/08/13	1	b-BHC		ug/Kg	U	1.8
DUPLICATE	BD28801	SW8081	02/08/13	1	d-BHC		ug/Kg	U	1.8
DUPLICATE	BD28801	SW8081	02/08/13	1	Endosulfan II		ug/Kg	U	3.5
DUPLICATE	BD28801	SW8081	02/08/13	1	4,4' -DDT		ug/Kg	U	2.6
DUPLICATE	BD28801	SW8081	02/08/13	1	a-Chlordane		ug/Kg	U	3.5
DUPLICATE	BD28801	SW8081	02/08/13	1	g-Chlordane		ug/Kg	U	3.5
DUPLICATE	BD28801	SW8081	02/08/13	1	Endrin ketone		ug/Kg	U	1.8
DUPLICATE	BD28801	SW8081	02/08/13	1	Chlordane		ug/Kg	U	21
DUPLICATE	BD28801	SW8081	02/08/13	1	g-BHC		ug/Kg	U	1.8
DUPLICATE	BD28801	SW8081	02/08/13	1	Dieldrin		ug/Kg	U	1.8
DUPLICATE	BD28801	SW8081	02/08/13	1	Endrin		ug/Kg	U	1.8
DUPLICATE	BD28801	SW8081	02/08/13	1	Methoxychlor		ug/Kg	U	7.1
DUPLICATE	BD28801	SW8081	02/08/13	1	4,4' -DDD		ug/Kg	U	2.6
DUPLICATE	BD28801	SW8081	02/08/13	1	4,4' -DDE		ug/Kg	U	2.6
DUPLICATE	BD28801	SW8081	02/08/13	1	Endrin aldehyde		ug/Kg	U	3.5



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD28801	SW8081	02/08/13	1	Heptachlor		ug/Kg	U	1.8
DUPLICATE	BD28801	SW8081	02/08/13	1	Toxaphene		ug/Kg	U	34
DUPLICATE	BD28801	SW8081	02/08/13	1	Endosulfan I		ug/Kg	U	3.5
DUPLICATE	BD28801	SW8082	02/08/13	1	PCB-1260		ug/Kg	U	35
DUPLICATE	BD28801	SW8082	02/08/13	1	PCB-1254		ug/Kg	U	35
DUPLICATE	BD28801	SW8082	02/08/13	1	PCB-1268		ug/Kg	U	35
DUPLICATE	BD28801	SW8082	02/08/13	1	PCB-1221		ug/Kg	U	35
DUPLICATE	BD28801	SW8082	02/08/13	1	PCB-1232		ug/Kg	U	35
DUPLICATE	BD28801	SW8082	02/08/13	1	PCB-1248		ug/Kg	U	35
DUPLICATE	BD28801	SW8082	02/08/13	1	PCB-1016		ug/Kg	U	35
DUPLICATE	BD28801	SW8082	02/08/13	1	PCB-1262		ug/Kg	U	35
DUPLICATE	BD28801	SW8082	02/08/13	1	PCB-1242		ug/Kg	U	35
DUPLICATE	BD28801	SW8260	02/08/13	1	Ethylbenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Styrene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	cis-1,3-Dichloropropene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	trans-1,3-Dichloropropene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	n-Propylbenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	n-Butylbenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	4-Chlorotoluene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,2-Dibromoethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,2-Dichloroethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Acrylonitrile		ug/Kg	UJ	11
DUPLICATE	BD28801	SW8260	02/08/13	1	4-Methyl-2-pentanone		ug/Kg	U	27
DUPLICATE	BD28801	SW8260	02/08/13	1	1,3,5-Trimethylbenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Bromobenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Toluene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Chlorobenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Tetrahydrofuran (THF)		ug/Kg	U	11
DUPLICATE	BD28801	SW8260	02/08/13	1	trans-1,4-dichloro-2-butene		ug/Kg	U	11
DUPLICATE	BD28801	SW8260	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Dibromochloromethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Tetrachloroethene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	sec-Butylbenzene		ug/Kg	U	5.4



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD28801	SW8260	02/08/13	1	1,3-Dichloropropane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	cis-1,2-Dichloroethene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	trans-1,2-Dichloroethene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Methyl t-butyl ether (MTBE)		ug/Kg	U	11
DUPLICATE	BD28801	SW8260	02/08/13	1	m&p-Xylene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	2-Isopropyltoluene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Carbon tetrachloride		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,1-Dichloropropene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	2-Hexanone		ug/Kg	U	27
DUPLICATE	BD28801	SW8260	02/08/13	1	2,2-Dichloropropane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,1,1,2-Tetrachloroethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Chloroform		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Benzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,1,1-Trichloroethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Bromomethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Chloromethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Dibromomethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Bromochloromethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Chloroethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Vinyl chloride		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Methylene chloride	6.2	ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Carbon Disulfide		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Bromoform		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Bromodichloromethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,1-Dichloroethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,1-Dichloroethene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Trichlorofluoromethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Dichlorodifluoromethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Trichlorotrifluoroethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,2-Dichloropropane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Methyl Ethyl Ketone		ug/Kg	U	32
DUPLICATE	BD28801	SW8260	02/08/13	1	1,1,2-Trichloroethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Trichloroethene		ug/Kg	U	5.4



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD28801	SW8260	02/08/13	1	1,1,2,2-Tetrachloroethane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,2,3-Trichlorobenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Naphthalene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	o-Xylene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	2-Chlorotoluene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,2,4-Trimethylbenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,2-Dibromo-3-chloropropane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	1,2,3-Trichloropropane		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	tert-Butylbenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	Isopropylbenzene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8260	02/08/13	1	p-Isopropyltoluene		ug/Kg	U	5.4
DUPLICATE	BD28801	SW8270	02/08/13	1	4-Nitroaniline		ug/Kg	U	400
DUPLICATE	BD28801	SW8270	02/08/13	1	4-Nitrophenol		ug/Kg	U	720
DUPLICATE	BD28801	SW8270	02/08/13	1	4-Bromophenyl phenyl ether		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2,4-Dimethylphenol		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	1,4-Dichlorobenzene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	4-Chloroaniline		ug/Kg	UJ	490
DUPLICATE	BD28801	SW8270	02/08/13	1	Phenol		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Pyridine		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Bis(2-chloroethyl)ether		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Bis(2-chloroethoxy)methane		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Bis(2-ethylhexyl)phthalate		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Di-n-octylphthalate		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Hexachlorobenzene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Anthracene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	1,2,4-Trichlorobenzene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2,4-Dichlorophenol		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2,4-Dinitrotoluene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	1,2-Diphenylhydrazine		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Pyrene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Dimethylphthalate		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Dibenzofuran		ug/Kg	U	250



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD28801	SW8270	02/08/13	1	Benzo(ghi)perylene		ug/Kg	UJ	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Indeno(1,2,3-cd)pyrene		ug/Kg	UJ	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Benzo(b)fluoranthene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Fluoranthene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Benzo(k)fluoranthene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Acenaphthylene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Chrysene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Bis(2-chloroisopropyl)ether		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Benzo(a)pyrene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2,4-Dinitrophenol		ug/Kg	R	400
DUPLICATE	BD28801	SW8270	02/08/13	1	4,6-Dinitro-2-methylphenol		ug/Kg	UJ	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Dibenz(a,h)anthracene		ug/Kg	UJ	250
DUPLICATE	BD28801	SW8270	02/08/13	1	1,3-Dichlorobenzene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Benz(a)anthracene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	4-Chloro-3-methylphenol		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2,6-Dinitrotoluene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	N-Nitrosodi-n-propylamine		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Aniline		ug/Kg	UJ	720
DUPLICATE	BD28801	SW8270	02/08/13	1	N-Nitrosodimethylamine		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Benzoic acid		ug/Kg	R	720
DUPLICATE	BD28801	SW8270	02/08/13	1	Hexachloroethane		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	4-Chlorophenyl phenyl ether		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Hexachlorocyclopentadiene		ug/Kg	UJ	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Isophorone		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Pentachloronitrobenzene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Acenaphthene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Diethyl phthalate		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Di-n-butylphthalate		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Phenanthrene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Benzyl butyl phthalate		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	N-Nitrosodiphenylamine		ug/Kg	U	720
DUPLICATE	BD28801	SW8270	02/08/13	1	Fluorene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Carbazole		ug/Kg	UJ	720
DUPLICATE	BD28801	SW8270	02/08/13	1	Hexachlorobutadiene		ug/Kg	U	250



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
SOIL
SDG: GBD28790

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD28801	SW8270	02/08/13	1	Pentachlorophenol		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2,4,6-Trichlorophenol		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2-Nitroaniline		ug/Kg	UJ	400
DUPLICATE	BD28801	SW8270	02/08/13	1	2-Nitrophenol		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Naphthalene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2-Methylnaphthalene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2-Chloronaphthalene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	3,3'-Dichlorobenzidine		ug/Kg	UJ	490
DUPLICATE	BD28801	SW8270	02/08/13	1	Benzidine		ug/Kg	UJ	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2-Methylphenol (o-cresol)		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	1,2-Dichlorobenzene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2-Chlorophenol		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	1,2,4,5-Tetrachlorobenzene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	2,4,5-Trichlorophenol		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Acetophenone		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	Nitrobenzene		ug/Kg	U	250
DUPLICATE	BD28801	SW8270	02/08/13	1	3-Nitroaniline		ug/Kg	U	400
DUPLICATE	BD28801	SW8270	02/08/13	1	3&4-Methylphenol (m&p-cresol)		ug/Kg	U	250

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

Project Name: 871 Grand Street
Location: Brooklyn, New York
Project Number: 3020-002
SDG #: GBD41817
Client: Environmental Business Consultants
Date: 04/17/2013
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for six (6) air samples analyzed for Volatiles by TO-15 in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 02/28/2013. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 03/01/2013 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 and Quality Assurance Project Plan (QAPP) for Former Brooklyn Rapid Transit Railroad Car Barn Site, 6-16 Box Street and 1121-1137 Manhattan Avenue, Brooklyn, New York, prepared by Environmental Business Consultants were 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
SG-1	BD41817	02/28/13	VOA	Air	
SG-2	BD41818	02/28/13	VOA	Air	
SG-3	BD41819	02/28/13	VOA	Air	
SG-4	BD41820	02/28/13	VOA	Air	
SG-5	BD41821	02/28/13	VOA	Air	
SG-6	BD41822	02/28/13	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:

1. Initial calibration curve analyzed on 02/27/2013 (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 03/03/2013 @ 10:40PM (CHEM24) exhibited acceptable %Ds ($\leq 30.0\%$) for all compounds. No qualifications were required.
2. CCV analyzed on 03/04/2013 @ 09:19PM (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 (70-130%) for all samples and associated QC. 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 (BD41647 BLANK) analyzed on 03/03/13 was free of contamination. No qualifications were required.
2. Method Blank (BD42108 BLANK) analyzed on 03/04/13 was free of contamination. No qualifications were required.

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD):

1. Laboratory Control Sample associated with Batch ID: BB222747 was analyzed on 03/03/2013. All %RECs were within the laboratory control limits. No qualifications were required.
2. Laboratory Control Sample associated with Batch ID: BB222748 was analyzed on 03/04/2013. 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.

Sample Duplicate:

1. Sample duplicate source sample was associated with a different 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:

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

SG-1 (BD41817)

Benzene

Result (ppbv) = 0.59

Molecular Weight @ 25°C = 78.11

DF = 1

$$\text{Concentration } (\mu\text{g}/\text{m}^3) = \frac{0.59 \times 78.11 \times 1}{24.46} = 1.88 \mu\text{g}/\text{m}^3$$

Compound	Laboratory ($\mu\text{g}/\text{m}^3$)	Validation ($\mu\text{g}/\text{m}^3$)	%D
Benzene	1.88	1.88	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: GBD41817.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBD41817.



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG1	BD41817	TO15	03/04/13	5	Ethylbenzene	1.95	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Styrene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Benzyl chloride		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	n-Butylbenzene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	1,4-Dichlorobenzene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	1,3-Butadiene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	1,2-Dichloroethane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Acrylonitrile		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Toluene	7.98	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Chlorobenzene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Tetrahydrofuran	1.47	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Hexane	2.29	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Cyclohexane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Propylene	1.96	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	1,4-Dioxane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Dibromochloromethane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Tetrachloroethene	214	ug/m3		0.25
SG1	BD41817	TO15	03/04/13	5	sec-Butylbenzene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Ethyl acetate	1.80	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Heptane	1.06	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Cis-1,2-Dichloroethene	86.8	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Trans-1,2-Dichloroethene	1.74	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	m,p-Xylene	7.16	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	1,3-Dichlorobenzene	3.72	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Carbon Tetrachloride	3.33	ug/m3		0.25
SG1	BD41817	TO15	03/04/13	5	2-Hexanone(MBK)		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	4-Ethyltoluene		ug/m3	U	1.00



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG1	BD41817	TO15	03/04/13	5	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Ethanol	22.0	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Isopropylalcohol	14.9	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Acetone	60.5	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Chloroform	35.5	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Benzene	1.88	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	1,1,1-Trichloroethane	4.52	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Bromomethane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Chloromethane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Chloroethane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Vinyl Chloride		ug/m3	U	0.25
SG1	BD41817	TO15	03/04/13	5	Methylene Chloride	1.60	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Carbon Disulfide	1.93	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Bromoform		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Bromodichloromethane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	1,1-Dichloroethane	1.17	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	1,1-Dichloroethene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Trichlorofluoromethane	1.40	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Dichlorodifluoromethane	3.26	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Trichlorotrifluoroethane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	1,2-dichloropropane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Methyl Ethyl Ketone	2.83	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	1,1,2-Trichloroethane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Trichloroethene	468	ug/m3		1.25
SG1	BD41817	TO15	03/04/13	5	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	Hexachlorobutadiene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	o-Xylene	1.82	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	1,2-Dichlorobenzene		ug/m3	U	1.00
SG1	BD41817	TO15	03/04/13	5	1,2,4-Trimethylbenzene	1.57	ug/m3		1.00
SG1	BD41817	TO15	03/04/13	5	Isopropylbenzene		ug/m3	U	1.00
SG2	BD41817	TO15	03/04/13	5	4-Isopropyltoluene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Ethylbenzene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Styrene		ug/m3	U	1.00



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG2	BD41818	TO15	03/04/13	30	Benzyl chloride		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	n-Butylbenzene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,4-Dichlorobenzene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,3-Butadiene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,2-Dichloroethane	3.48	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Acrylonitrile		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Toluene	4.33	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Chlorobenzene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Tetrahydrofuran		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Hexane	1.23	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Cyclohexane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Propylene	9.72	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,4-Dioxane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Dibromochloromethane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Tetrachloroethene	87.4	ug/m3		0.25
SG2	BD41818	TO15	03/04/13	30	sec-Butylbenzene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Ethyl acetate		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Heptane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Cis-1,2-Dichloroethene	2190	ug/m3		30.0
SG2	BD41818	TO15	03/04/13	30	Trans-1,2-Dichloroethene	108	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	m,p-Xylene	2.86	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	1,3-Dichlorobenzene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Carbon Tetrachloride	5.97	ug/m3		0.25
SG2	BD41818	TO15	03/04/13	30	2-Hexanone(MBK)		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	4-Ethyltoluene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Ethanol	7.91	ug/m3		1.00



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG2	BD41818	TO15	03/04/13	30	Isopropylalcohol	1.77	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Acetone	5.72	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Chloroform	30.6	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Benzene	1.02	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	1,1,1-Trichloroethane	42.1	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Bromomethane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Chloromethane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Chloroethane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Vinyl Chloride	0.485	ug/m3		0.25
SG2	BD41818	TO15	03/04/13	30	Methylene Chloride	3.16	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Carbon Disulfide		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Bromoform		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Bromodichloromethane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,1-Dichloroethane	6.31	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	1,1-Dichloroethene	2.77	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Trichlorofluoromethane	2.24	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Dichlorodifluoromethane	2.77	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Trichlorotrifluoroethane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,2-dichloropropane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Methyl Ethyl Ketone		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,1,2-Trichloroethane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Trichloroethene	3620	ug/m3		7.5
SG2	BD41818	TO15	03/04/13	30	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	Hexachlorobutadiene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	o-Xylene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,2-Dichlorobenzene		ug/m3	U	1.00
SG2	BD41818	TO15	03/04/13	30	1,2,4-Trimethylbenzene	1.18	ug/m3		1.00
SG2	BD41818	TO15	03/04/13	30	Isopropylbenzene		ug/m3	U	1.00
SG3	BD41818	TO15	03/04/13	30	4-Isopropyltoluene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Ethylbenzene	1.87	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Styrene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Benzyl chloride		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	trans-1,3-Dichloropropene		ug/m3	U	1.00



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG3	BD41819	TO15	03/04/13	5	n-Butylbenzene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	1,4-Dichlorobenzene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	1,3-Butadiene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	1,2-Dichloroethane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Acrylonitrile		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Toluene	10.1	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Chlorobenzene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Tetrahydrofuran	1.06	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Hexane	2.32	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Cyclohexane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Propylene	5.45	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	1,4-Dioxane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Dibromochloromethane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Tetrachloroethene	29.3	ug/m3		0.25
SG3	BD41819	TO15	03/04/13	5	sec-Butylbenzene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Ethyl acetate	1.51	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Heptane	1.84	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Cis-1,2-Dichloroethene	228	ug/m3		5.00
SG3	BD41819	TO15	03/04/13	5	Trans-1,2-Dichloroethene	34.7	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	m,p-Xylene	6.73	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	1,3-Dichlorobenzene	1.26	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Carbon Tetrachloride	1.38	ug/m3		0.25
SG3	BD41819	TO15	03/04/13	5	2-Hexanone(MBK)		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	4-Ethyltoluene	1.18	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Ethanol	12.4	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Isopropylalcohol	3.32	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Acetone	42.7	ug/m3		1.00



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG3	BD41819	TO15	03/04/13	5	Chloroform	9.90	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Benzene	2.39	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	1,1,1-Trichloroethane	5.02	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Bromomethane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Chloromethane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Chloroethane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Vinyl Chloride		ug/m3	U	0.25
SG3	BD41819	TO15	03/04/13	5	Methylene Chloride	2.26	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Carbon Disulfide	7.12	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Bromoform		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Bromodichloromethane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	1,1-Dichloroethane	1.29	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	1,1-Dichloroethene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Trichlorofluoromethane	1.63	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Dichlorodifluoromethane	3.11	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Trichlorotrifluoroethane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	1,2-dichloropropane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Methyl Ethyl Ketone	2.56	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	1,1,2-Trichloroethane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Trichloroethene	585	ug/m3		1.25
SG3	BD41819	TO15	03/04/13	5	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	Hexachlorobutadiene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	o-Xylene	1.69	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	1,2-Dichlorobenzene		ug/m3	U	1.00
SG3	BD41819	TO15	03/04/13	5	1,2,4-Trimethylbenzene	1.28	ug/m3		1.00
SG3	BD41819	TO15	03/04/13	5	Isopropylbenzene		ug/m3	U	1.00
SG4	BD41819	TO15	03/04/13	5	4-Isopropyltoluene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Ethylbenzene	1.52	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Styrene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Benzyl chloride		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	n-Butylbenzene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	1,4-Dichlorobenzene		ug/m3	U	1.00



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG4	BD41820	TO15	03/04/13	1	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	1,3-Butadiene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	1,2-Dichloroethane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Acrylonitrile		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Toluene	5.12	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Chlorobenzene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Tetrahydrofuran		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Hexane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Cyclohexane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Propylene	3.16	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	1,4-Dioxane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Dibromochloromethane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Tetrachloroethene	10.2	ug/m3		0.25
SG4	BD41820	TO15	03/04/13	1	sec-Butylbenzene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Ethyl acetate		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Heptane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Cis-1,2-Dichloroethene	12.8	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Trans-1,2-Dichloroethene	1.90	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Methyl tert-butyl ether(MTBE)	1.08	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	m,p-Xylene	5.90	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	1,3-Dichlorobenzene	1.02	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Carbon Tetrachloride	1.32	ug/m3		0.25
SG4	BD41820	TO15	03/04/13	1	2-Hexanone(MBK)		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	4-Ethyltoluene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Ethanol	7.91	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Isopropylalcohol	5.48	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Acetone	7.60	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Chloroform	26.6	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Benzene		ug/m3	U	1.00



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG4	BD41820	TO15	03/04/13	1	1,1,1-Trichloroethane	14.2	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Bromomethane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Chloromethane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Chloroethane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Vinyl Chloride		ug/m3	U	0.25
SG4	BD41820	TO15	03/04/13	1	Methylene Chloride	1.70	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Carbon Disulfide	3.30	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Bromoform		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Bromodichloromethane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	1,1-Dichloroethane	1.25	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	1,1-Dichloroethene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Trichlorofluoromethane	1.74	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Dichlorodifluoromethane	2.96	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Trichlorotrifluoroethane	1.07	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	1,2-dichloropropane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Methyl Ethyl Ketone		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	1,1,2-Trichloroethane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Trichloroethene	187	ug/m3		0.25
SG4	BD41820	TO15	03/04/13	1	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	Hexachlorobutadiene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	o-Xylene	1.48	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	1,2-Dichlorobenzene		ug/m3	U	1.00
SG4	BD41820	TO15	03/04/13	1	1,2,4-Trimethylbenzene	1.13	ug/m3		1.00
SG4	BD41820	TO15	03/04/13	1	Isopropylbenzene		ug/m3	U	1.00
SG5	BD41820	TO15	03/04/13	1	4-Isopropyltoluene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Ethylbenzene	5.12	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Styrene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Benzyl chloride		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	n-Butylbenzene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	1,4-Dichlorobenzene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	1,3-Butadiene		ug/m3	U	1.00



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG5	BD41821	TO15	03/04/13	5	1,2-Dichloroethane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Acrylonitrile		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Toluene	14.0	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Chlorobenzene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Tetrahydrofuran		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Hexane	1.44	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Cyclohexane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Propylene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	1,4-Dioxane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Dibromochloromethane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Tetrachloroethene	29.1	ug/m3		0.25
SG5	BD41821	TO15	03/04/13	5	sec-Butylbenzene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Ethyl acetate		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Heptane	1.47	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Cis-1,2-Dichloroethene	53.5	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Trans-1,2-Dichloroethene	4.40	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	m,p-Xylene	19.8	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	1,3-Dichlorobenzene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Carbon Tetrachloride	0.817	ug/m3		0.25
SG5	BD41821	TO15	03/04/13	5	2-Hexanone(MBK)		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	4-Ethyltoluene	1.28	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Ethanol	6.27	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Isopropylalcohol		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Acetone	11.9	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Chloroform	16.2	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Benzene	1.34	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	1,1,1-Trichloroethane	18.2	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Bromomethane		ug/m3	U	1.00



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG5	BD41821	TO15	03/04/13	5	Chloromethane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Chloroethane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Vinyl Chloride		ug/m3	U	0.25
SG5	BD41821	TO15	03/04/13	5	Methylene Chloride		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Carbon Disulfide	9.46	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Bromoform		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Bromodichloromethane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	1,1-Dichloroethane	1.58	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	1,1-Dichloroethene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Trichlorofluoromethane	1.57	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Dichlorodifluoromethane	4.55	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Trichlorotrifluoroethane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	1,2-dichloropropane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Methyl Ethyl Ketone	1.12	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	1,1,2-Trichloroethane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Trichloroethene	768	ug/m3		1.25
SG5	BD41821	TO15	03/04/13	5	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	Hexachlorobutadiene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	o-Xylene	5.08	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	1,2-Dichlorobenzene		ug/m3	U	1.00
SG5	BD41821	TO15	03/04/13	5	1,2,4-Trimethylbenzene	3.05	ug/m3		1.00
SG5	BD41821	TO15	03/04/13	5	Isopropylbenzene		ug/m3	U	1.00
SG6	BD41821	TO15	03/04/13	5	4-Isopropyltoluene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Ethylbenzene	3.43	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Styrene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Benzyl chloride		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	trans-1,3-Dichloropropene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	n-Butylbenzene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,4-Dichlorobenzene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,2-Dibromoethane(EDB)		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,3-Butadiene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,2-Dichloroethane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Acrylonitrile		ug/m3	U	1.00



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG6	BD41822	TO15	03/04/13	2	4-Methyl-2-pentanone(MIBK)		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,3,5-Trimethylbenzene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Toluene	11.6	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Chlorobenzene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Tetrahydrofuran		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Hexane	1.27	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Cyclohexane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Propylene	1.17	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	1,2,4-Trichlorobenzene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,4-Dioxane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Dibromochloromethane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Tetrachloroethene	16.7	ug/m3		0.25
SG6	BD41822	TO15	03/04/13	2	sec-Butylbenzene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Ethyl acetate		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Heptane	1.23	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Cis-1,2-Dichloroethene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Trans-1,2-Dichloroethene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Methyl tert-butyl ether(MTBE)		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	m,p-Xylene	13.1	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	1,3-Dichlorobenzene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	cis-1,3-Dichloropropene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Carbon Tetrachloride	0.503	ug/m3		0.25
SG6	BD41822	TO15	03/04/13	2	2-Hexanone(MBK)		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	4-Ethyltoluene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,1,1,2-Tetrachloroethane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Ethanol	19.0	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Isopropylalcohol	2.46	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Acetone	8.76	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Chloroform	2.54	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Benzene	1.50	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	1,1,1-Trichloroethane	11.8	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Bromomethane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Chloromethane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Chloroethane		ug/m3	U	1.00



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
AIR
SDG: GBD41817

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
SG6	BD41822	TO15	03/04/13	2	Vinyl Chloride		ug/m3	U	0.25
SG6	BD41822	TO15	03/04/13	2	Methylene Chloride		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Carbon Disulfide	13.0	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Bromoform		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Bromodichloromethane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,1-Dichloroethane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,1-Dichloroethene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Trichlorofluoromethane	1.57	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Dichlorodifluoromethane	3.46	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Trichlorotrifluoroethane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,2-Dichlorotetrafluoroethane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,2-dichloropropane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Methyl Ethyl Ketone		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,1,2-Trichloroethane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Trichloroethene	312	ug/m3		0.50
SG6	BD41822	TO15	03/04/13	2	1,1,2,2-Tetrachloroethane		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	Hexachlorobutadiene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	o-Xylene	3.25	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	1,2-Dichlorobenzene		ug/m3	U	1.00
SG6	BD41822	TO15	03/04/13	2	1,2,4-Trimethylbenzene	1.57	ug/m3		1.00
SG6	BD41822	TO15	03/04/13	2	Isopropylbenzene		ug/m3	U	1.00
	BD41822	TO15	03/04/13	2	4-Isopropyltoluene		ug/m3	U	1.00

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

Project Name: 871 Grand Street
Location: Brooklyn, New York
Project Number: 3020-002
SDG #: GBD41823
Client: Environmental Business Consultants
Date: 04/17/2013
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for five (5) water samples and one (1) trip blank analyzed for Volatiles by SW-846 Method 8260B in accordance to NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 02/28/2013. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 03/01/2013 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
MW3	BD41823	02/28/13	VOA	Water	
MW4	BD41824	02/28/13	VOA	Water	
MW5	BD41825	02/28/13	VOA	Water	
MW6	BD41826	02/28/13	VOA	Water	
DUPLICATE	BD41827	02/28/13	VOA	Water	Field Duplicate of sample MW 5
TRIP BLANK	BD41828	02/28/13	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 02/16/2013 (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) with the following exception(s):

Compound	RRF	%RSD
Acetone ⁽¹⁾	A	43.8

A= Acceptable

⁽¹⁾= The above listed compound was not detected in any of the associated samples. Therefore, no action was required.

Continuing Calibration Verification (CCV):

1. CCV analyzed on 03/03/2013 @ 07:21AM (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	RRF	%D
Bromomethane	A	59.0
Acetone	A	-42.1
2,2-Dichloropropane	A	60.1
Cis-1,3-Dichloropropene	A	29.4
Trans-1,3-Dichloropropene	A	30.0
Trans-1,4-dichloro-2-butene	A	30.6

A= Acceptable

Client Sample ID	Laboratory Sample ID	Compound	Action
MW3	BD41823	Bromomethane Acetone, 2,2-Dichloropropane, cis-1,3-dichloropropane, trans-1,3-dichloropropane, trans-1,4-dichloro-2-butene	UJ UJ UJ
MW4	BD41824	Bromomethane Acetone, 2,2-Dichloropropane, cis-1,3-dichloropropane, trans-1,3-dichloropropane, trans-1,4-dichloro-2-butene	UJ UJ UJ
MW5	BD41825	Bromomethane Acetone, 2,2-Dichloropropane, cis-1,3-dichloropropane, trans-1,3-dichloropropane, trans-1,4-dichloro-2-butene	J UJ UJ
MW6	BD41826	Bromomethane Acetone, 2,2-Dichloropropane, cis-1,3-dichloropropane, trans-1,3-dichloropropane, trans-1,4-dichloro-2-butene	UJ UJ UJ
DUPLICATE	BD41827	Bromomethane Acetone, 2,2-Dichloropropane, cis-1,3-dichloropropane, trans-1,3-dichloropropane, trans-1,4-dichloro-2-butene	J UJ UJ
TRIP BLANK	BD41828	Bromomethane Acetone, 2,2-Dichloropropane, cis-1,3-dichloropropane, trans-1,3-dichloropropane, trans-1,4-dichloro-2-butene	UJ UJ UJ

2. CCV analyzed on 03/03/2013 @ 04:00PM (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	RRF	%D
Dichlorodifluoromethane	A	26.4
Bromomethane ⁽¹⁾	A	31.3
Acetone ⁽¹⁾	A	-60.0
2,2-Dichloropropane ⁽¹⁾	A	59.9
Carbon Tetrachloride	A	22.0
Cis-1,3-Dichloropropene ⁽¹⁾	A	26.1
Trans-1,3-Dichloropropene ⁽¹⁾	A	26.5
Trans-1,4-Dichloro-2-butene ⁽¹⁾	A	22.6

A= Acceptable

⁽¹⁾= Already qualified from first CCV

Client Sample ID	Laboratory Sample ID	Compound	Action
MW3	BD41823	Dichlorodifluoromethane, carbon tetrachloride	UJ
MW4	BD41824	Dichlorodifluoromethane, carbon tetrachloride	UJ
MW5	BD41825	Dichlorodifluoromethane, carbon tetrachloride	UJ
MW6	BD41826	Dichlorodifluoromethane, carbon tetrachloride	UJ
DUPLICATE	BD41827	Dichlorodifluoromethane, carbon tetrachloride	UJ
TRIP BLANK	BD41828	Dichlorodifluoromethane, carbon tetrachloride	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 BD41825) was analyzed on 03/03/2013.

Laboratory Sample ID	Compound	Results (µg/L)	Action Level (CRQL) (µg/L)	Sample Affected	Action
BLANK BD41825	Acetone	4.4	5.0	MW3, MW4, MW5, MW6, DUPLICATE, TRIP BLANK	U U
	Methylene Chloride	0.24	3.0	MW3, MW4, MW5, MW6, DUPLICATE, TRIP BLANK	None None

2. TRIP BLANK (BD41828) associated with this SDG was analyzed on 03/03/2013 and 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: BD222584 were analyzed on 03/03/2012. All %RECs and RPDs were within the laboratory control limits with the following exceptions(s):

Compound	%R/%R/RPD	Sample Affected	Action
Bromomethane	57/66/A	DUPLICATE, MW5 MW3, MW4, MW6, TRIP BLANK	J UJ
Acetone	167/168/A	MW3, MW4, MW5, MW6, DUPLICATE, TRIP BLANK	None None

A= Acceptable

Field Duplicate:

1. Sample Duplicate (BD41827) was collected as a field duplicate of sample MW-5 (BD41825). All RPDs were < 30%. No qualifications were required.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
MW-5	Tetrachloroethene	SW-846 8260	15	µg/L	Duplicate	18	µg/L	18.2	None
MW-5	Cis-1,2-Dichloroethene	SW-846 8260	2.3	µg/L	Duplicate	2.5	µg/L	8.3	None
MW-5	Chloroform	SW-846 8260	1.1	µg/L	Duplicate	1.2	µg/L	8.7	None
MW-5	Bromomethane	SW-846 8260	0.27	µg/L	Duplicate	0.25	µg/L	7.7	None
MW-5	Trichloroethene	SW-846 8260	9.4	µg/L	Duplicate	10	µg/L	6.2	None

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) and Matrix Spike duplicate (MSD) were performed on sample MW5 (BD41825). All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%REC/%REC/RPD	Action
Bromomethane	55/A/52.3	J
Trichlorofluoromethane	A/141/A	None
1,1-Dichloroethene	A/137/A	None
Trichlorotrifluoroethane	133/147/A	None
Acetone	259/262/A	None
Carbon Disulfide	A/133/A	None
n-Butylbenzene	A/131/A	None
Hexachlorobutadiene	A/139/A	None

A= Acceptable

Target Compound Identification:

1. All Relative Retention Times (RRTs) of the reported compounds were within ± 0.06 RRT units of the standard (opening CCV).
2. Sample compound spectra were compared against the laboratory standard spectra.
3. No QC deviations were observed.

Compound Quantitation and Reported Detection Limits:

1. All sample results were reported within the linear calibration range. No qualifications were required.
2. 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 3 (BD41823)

Trichloroethene

Sample Volume= 25ml

Volume purged=25ml

DF = 1

Concentration (µg/L)= $\frac{84187 \times 25 \times 10 \times 1}{484458 \times 0.529 \times 25} = 3.9\mu\text{g/L}$

Compound	Laboratory (µg/L)	Validation (µg/L)	%D
Trichloroethene	3.9	3.9	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: GBD41823.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBD41823.

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

Project Name: 871 Grand Street
Location: Brooklyn, New York
Project Number: 3020-002
SDG #: GBD41823
Client: Environmental Business Consultants
Date: 04/18/2013
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 8270C [full scan and Selected Ion Monitoring (SIM)] in accordance with the NYSDEC, Analytical Services Protocol (ASP) Format.
2. The samples were collected on 02/28/2013. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 03/01/2013 for analysis.
3. The USEPA Region-II SOP HW-22, Revision 4, August 2008, 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
MW3	BD41823	02/28/13	SVO	Water	
MW5	BD41825	02/28/13	SVO	Water	
MW6	BD41826	02/28/13	SVO	Water	
DUPLICATE	BD41827	02/28/13	SVO	Water	Field Duplicate of sample MW 5

Sample Conditions/Problems:

1. The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data. No qualifications were required.

Holding Times:

1. All water samples were extracted within 7 days from sample collection and analyzed within 40 days following sample extraction. No qualifications were required.

GC/MS Tuning:

1. All of the DFTPP tunes in the initial and continuing calibrations met the percent relative abundance criteria. No qualifications were required.

Initial Calibration:

1. Initial calibration curve analyzed on 03/01/2013 (CHEM04)-SIM Scan exhibited acceptable %RSD ($\leq 20.0\%$) for all compounds and acceptable average RRF values (0.050) for all compounds with the following exception(s):

Compound	RRF	%RSD
Pentachlorophenol ⁽¹⁾	A	24.4

A= Acceptable

⁽¹⁾= The above listed compound was not detected in any of the associated samples.
Therefore, no action was required.

2. Initial calibration curve analyzed on 03/04/2013 (CHEM07)-Full Scan exhibited acceptable %RSD ($\leq 20.0\%$) for all compounds and acceptable average RRF values (0.050) for all compounds with the following exception(s):

Compound	RRF	%RSD
2-Nitrophenol ⁽¹⁾	0.031	A
Naphthalene ⁽¹⁾	A	22.3
3-Nitroaniline ⁽¹⁾	A	21.7
Fluorene ⁽¹⁾	A	22.5
4-Chlorophenyl phenyl ether ⁽¹⁾	A	23.2

A= Acceptable

⁽¹⁾= The above listed compound was not detected in any of the associated samples.
Therefore, no action was required.

3. Initial calibration curve analyzed on 03/04/2013 (CHEM12)-Full Scan exhibited acceptable %RSD ($\leq 20.0\%$) for all compounds and acceptable average RRF values (0.050) for all compounds with the following exception(s):

Compound	RRF	%RSD
4-Chloroaniline ⁽¹⁾	0.025	50.9
2,4-Dinitrophenol ⁽¹⁾	A	20.8
Carbazole ⁽¹⁾	A	33.4

A= Acceptable

⁽¹⁾= The above listed compound was not detected in any of the associated samples.
Therefore, no action was required.

Continuing Calibration Verification (CCV):

1. CCV analyzed on 03/04/2013 @ 01:17PM (CHEM04)-SIM scan exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds and RRF values for all compounds. No qualifications were required.
2. CCV analyzed on 03/05/2013 @ 00:59AM (CHEM04)-SIM scan exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds and RRF values for all compounds with the following exception(s):

Compound	RRF	%D
Pentachlorophenol	0.047	34.3
Bis(2-ethylhexyl)phthalate	A	-27.7

Client Sample ID	Laboratory Sample ID	Compound	Action
MW3	BD41823	Pentachlorophenol, Bis(2-ethylhexyl)phthalate	UJ
MW5	BD41825	Pentachlorophenol, Bis(2-ethylhexyl)phthalate	UJ
MW6	BD41826	Pentachlorophenol, Bis(2-ethylhexyl)phthalate	UJ
DUPLICATE	BD41827	Pentachlorophenol, Bis(2-ethylhexyl)phthalate	UJ

3. CCV analyzed on 03/05/2013 @ 09:23AM (CHEM07)-full scan exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds and RRF values for all compounds with the following exception(s):

Compound	RRF	%D
2-Nitrophenol	0.032	A

Client Sample ID	Laboratory Sample ID	Compound	Action
MW3	BD41823	2-Nitrophenol	UJ
MW5	BD41825	2-Nitrophenol	UJ
DUPLICATE	BD41827	2-Nitrophenol	UJ

4. CCV analyzed on 03/05/2013 @ 09:44AM (CHEM07)-full scan exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds and RRF values for all compounds with the following exception(s):

Compound	RRF	%D
Bis(2-chloroethyl)ether	A	-74.7
Aniline ⁽¹⁾	A	79.5
2-Methylphenol	A	-21.4

Compound	RRF	%D
Bis(2-chloroisopropyl)ether	A	-25.2
2-Nitrophenol	0.035	A
Hexachlorocyclopentadiene	0.020	85.6
3-Nitroaniline	A	-38.9
2,4-Dinitrophenol	0.013	89.6
2-Nitroaniline	A	-113.3
4,6-Dinitro-2-methylphenol	0.024	85.3
Carbazole	A	-80.5

⁽¹⁾Results for this compound were rejected due to zero LCS/LCSD recovery.

Client Sample ID	Laboratory Sample ID	Compound	Action
MW3	BD41823	Bis(2-chloroethyl)ether, 2-Methylphenol, Bis(2-chloroisopropyl)ether, 2-Nitrophenol, Hexachlorocyclopentadiene, 3-Nitroaniline, 2,4-Dinitrophenol, 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Carbazole	UJ
MW5	BD41825	Bis(2-chloroethyl)ether, 2-Methylphenol, Bis(2-chloroisopropyl)ether, 2-Nitrophenol, Hexachlorocyclopentadiene, 3-Nitroaniline, 2,4-Dinitrophenol, 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Carbazole	UJ
DUPLICATE	BD41827	Bis(2-chloroethyl)ether, 2-Methylphenol, Bis(2-chloroisopropyl)ether, 2-Nitrophenol, Hexachlorocyclopentadiene, 3-Nitroaniline, 2,4-Dinitrophenol, 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, Carbazole	UJ

5. CCV analyzed on 03/07/2013 @ 11:53AM (CHEM12)-full scan exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds and RRF values for all compounds with the following exception(s):

Compound	RRF	%D
N-Nitrosodimethylamine	A	-25.8
Aniline ⁽¹⁾	A	-21.4
Bis(2-chloroisopropyl)ether	A	-62.4
N-Nitrosodi-n-propylamine	A	-26.7
4-Chloroaniline ⁽¹⁾	0.044	-78.5
4-Nitrophenol	A	-25.3
Carbazole	A	-61.6
3,3'-Dichlorobenzidine	A	48.8

⁽¹⁾Results for this compound were rejected due to zero LCS/LCSD recovery.

Client Sample ID	Laboratory Sample ID	Compound	Action
MW6	BD41826	N-Nitrosodimethylamine, Bis(2-chloroisopropyl)ether, N-Nitrosodi-n-propylamine, 4-Nitrophenol, Carbazole, 3,3'-Dichlorobenzidine	UJ

6. CCV analyzed on 03/07/2013 @ 11:29PM (CHEM12)-full scan exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds and RRF values for all compounds with the following exception(s):

Compound	RRF	%D
N-Nitrosodimethylamine	A	-32.1
Bis(2-chloroisopropyl)ether	A	-57.2
Hexachlorocyclopentadiene	A	60.3
2,4-Dinitrophenol	A	24.3
4,6-Dinitro-2-methylphenol	A	21.7
Carbazole	A	-160.5
3,3'-Dichlorobenzidine	A	30.1

Client Sample ID	Laboratory Sample ID	Compound	Action
MW6	BD41826	N-Nitrosodimethylamine, Bis(2-chloroisopropyl)ether, Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Carbazole, 3,3'-Dichlorobenzidine	UJ

Surrogates:

1. All surrogate %REC values in the original extracts were within the QC acceptance limits with the following exception(s):

Client Sample ID	Surrogate	%REC	Compound	Action
MW-6	2-Fluorophenol	24	2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Chlorophenol, 2-Methylphenol, 2-Nitrophenol, 3&4-Methylphenol, 4,6-Dinitro-2-methylphenol, 4-chloro-3-methylphenol, 4-nitrophenol, pentachlorophenol, phenol	UJ
	Phenol-d5	27		

Client Sample ID	Surrogate	%REC	Compound	Action
			Benzoic Acid,	R ⁽¹⁾

⁽¹⁾This result was qualified as rejected due to zero recovery of LCS/LCSD.

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 (BD41825 BLANK)-SIM Scan associated with the water samples extracted on 03/01/2013 and analyzed on 03/04/2013 was free of contamination. No qualifications were required.
2. Method Blank (BD41825 BLANK)-full Scan associated with the water samples extracted on 03/01/2013 and analyzed on 03/06/2013 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: BD41825 were analyzed on 03/05/2013. All %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%R/%R/RPD	Sample Affected	Action
Pyridine	0/0/NC	MW3, MW5, MW6, DUPLICATE	R
Aniline	0/0/NC	MW3, MW5, MW6, DUPLICATE	R
2,4-Dimethylphenol	24/A/66.7	MW3, MW6, DUPLICATE MW5	UJ R ⁽¹⁾
Benzoic Acid	16/0/200	MW3, MW5, MW6, DUPLICATE	R
4-Chloroaniline	0/41/200	MW3, MW5, MW6, DUPLICATE	R
N-Nitrosodiphenylamine	18/A/71.4	MW3, MW6, DUPLICATE MW5	UJ R ⁽¹⁾
Carbazole	200/221/A	MW3, MW5, MW6, DUPLICATE	None
Benzidine	12/16/A	MW3, MW6, DUPLICATE MW5	UJ R ⁽¹⁾

A= Acceptable

⁽¹⁾Results for these compounds were qualified as rejected due to zero MS/MSD recovery.

Field Duplicate:

1. Sample Duplicate (BD41827) was collected as a field duplicate of sample MW-5 (BD41825). Both samples were reported as non-detects. No qualifications were required.

Matrix Spike (MS)/Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) and Matrix Spike duplicate (MSD) were performed on sample MW-5 (BD41825). %RECs and RPDs were within the laboratory control limits with the following exception(s):

Compound	%REC/%REC/RPD	Action
Benzo(b)fluoranthene	A/153/A	None
Dibenz(a,h)anthracene	A/131/A	None
Pyridine	21/22/A	R ⁽¹⁾
Aniline	0/0/NC	R ⁽¹⁾
2-Methylphenol	26/26/A	UJ
3&4-Methylphenol	28/27/A	UJ
Nitrobenzene	154/155/A	None
2,4-Dimethylphenol	0/0/NC	R
Benzoic Acid	28/25/A	R ⁽¹⁾
4-Chloroaniline	0/0/NC	R ⁽¹⁾
4-Nitroaniline	30/29/A	UJ
3-Nitroaniline	30/29/A	UJ
2-Nitroaniline	22/17/A	UJ
N-Nitrosodiphenylamine	0/0/NC	R
Benzidine	0/0/NC	R
3,3'-Dichlorobenzidine	0/0/NC	R

A= Acceptable

⁽¹⁾Result was qualified rejected due to zero recovery for LCS/LCSD.

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: MW6 (BD41826)

Phenanthrene

Initial Volume: 1000ml

Final volume: 0.9ml

Volume injected: 1μl

Dilution Factor: 1

$$\text{Concentration } (\mu\text{g/L}) = \frac{48657 \times 4 \times 0.9\text{ml} \times 1 \times 1000}{1138683 \times 1.254 \times 1\mu\text{l} \times 1000\text{ml}} = 0.12\mu\text{g/L}$$

Compound	Laboratory (μg/L)	Validation (μg/L)	%D
Phenanthrene	0.12	0.12	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: GBD41823.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBD41823.

DATA USABILITY SUMMARY REPORT (DUSR)
PESTICIDES

USEPA Region II –Data Validation

Project Name: 871 Grand Street
Location: Brooklyn, New York
Project Number: 3020-002
SDG #: GBD41823
Client: Environmental Business Consultants
Date: 04/18/2013
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 02/28/2013. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 03/01/2013 for analysis.
3. The USEPA Region-II SOP HW-44, Revision 1, October 2006, Validating Pesticide compounds, Organochlorine Pesticides 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
MW3	BD41823	02/28/13	Pesticides	Water	
MW5	BD41825	02/28/13	Pesticides	Water	
MW6	BD41826	02/28/13	Pesticides	Water	
DUPLICATE	BD41827	02/28/13	Pesticides	Water	Field Duplicate of sample MW 5

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 02/28/2013 (ECD13) exhibited acceptable %RSD on both columns. No qualifications were required.

Continuing Calibration Verification (CCV):

1. The CCV analyzed on 03/03/2013 exhibited acceptable %Ds ($\leq 20.0\%$) for all compounds with the following exception(s):

Column	Date and Time	Compound	%D
B	03/03/2013 @ 01:36PM	Methoxychlor	38

Sample results for this compound was reported from Column A. No qualifications were required.

Surrogates:

1. All surrogates %RECs values for all water samples and associated QC were within the laboratory control limits. 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 (0301PBW) associated with the water samples extracted on 03/01/2013 and analyzed on 03/03/2013 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: 0301 were analyzed on 03/03/2013. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample Duplicate (BD41827) was collected as a field duplicate of sample MW-5 (BD41825). All RPDs were $< 30\%$ with the exception of dieldrin.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
MW-5	Dieldrin	SW-846 8081	0.033	$\mu\text{g/L}$	Duplicate	0.018	$\mu\text{g/L}$	58.8	J

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) and Matrix Spike duplicate (MSD) were performed on sample MW-5 (BD41825). %RECs and 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. Manual Calculation:

MW 5

Dieldrin

On Column concentration (B)= 29.5242ng

Sample Volume= 900ml

DF = 1

Vi= 1ml

$$\text{Concentration } (\mu\text{g/L}) = \frac{29.5242 \times 1\text{m} \times 1}{900} = 0.033\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
Alpha-BHC	0.033	0.033	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: GBD41823.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBD41823.

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

Project Name: 871 Grand Street
Location: Brooklyn, New York
Project Number: 3020-002
SDG #: GBD41823
Client: Environmental Business Consultants
Date: 04/19/2013
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 02/28/2013. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 03/01/2013 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
MW3	BD41823	02/28/13	PCBs	Water	
MW5	BD41825	02/28/13	PCBs	Water	
MW6	BD41826	02/28/13	PCBs	Water	
DUPLICATE	BD41827	02/28/13	PCBs	Water	Field Duplicate of sample MW 5

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 02/25/2013 (ECD1) exhibited acceptable %RSD ($\leq 20.0\%$) on both columns. No qualifications were required.
2. All sample results were reported from Column A.

Continuing Calibration Verification (CCV):

1. All CCVs analyzed on 03/04/2013 exhibited acceptable %Ds ($\leq 15.0\%$) 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. 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 (0301PBW) associated with the water samples extracted on 03/01/2013 and analyzed on 03/04/2013 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: 0301 were analyzed on 03/04/2013. All %RECs and RPDs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample Duplicate (BD41827) was collected as a field duplicate of sample MW-5 (BD41825). Both samples were reported as non-detects. No qualifications were required.

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

1. Matrix Spike (MS) and Matrix Spike duplicate (MSD) were performed on sample MW-5 (BD41825). %RECs and 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. Manual Calculation:

0301 LCSW

Aroclor-1260

On Column concentration (B)= 443.3404ng

Sample Volume= 1000ml

DF= 1

Vi= 5ml

$$\text{Concentration } (\mu\text{g/L}) = \frac{443.3742\text{ng} \times 5\text{ml} \times 1}{1000} = 2.2\mu\text{g/L}$$

Compound	Laboratory ($\mu\text{g/L}$)	Validation ($\mu\text{g/L}$)	%D
Aroclor-1260	2.2	2.2	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: GBD41823.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBD41823.

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

Project Name: 871 Grand Street
Location: Brooklyn, New York
Project Number: 3020-002
SDG #: GBD41823
Client: Environmental Business Consultants
Date: 04/19/2013
Laboratory: Phoenix Environmental Laboratories, Inc.
Reviewer: Sherri Pullar

Summary:

1. Data validation was performed on the data for five (5) water samples (total and dissolved) analyzed for the following analyses:
 - 1.1 Trace Metals-ICP-AES by SW-846 Method 6010B.
 - 1.2 Thallium by SW-846 Method 7010 (GFAA).
 - 1.3 Mercury by SW-846 Method 7470A.
2. The samples were collected on 02/28/2013. The samples were submitted to Phoenix Environmental Laboratories, Inc., Manchester, CT on 03/01/2013 for analysis.
3. The USEPA Region-II SOP No. HW-2, Revision 13, September 2006, Validation of Metals for Contract Laboratory Program (CLP), based on SOW-ILM05.3 (SOP Revision 13) was used in evaluating the Trace Metals (total and dissolved) 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
MW3	BD41823	02/28/13	ICP, GFAA and CVAA	Water	
MW4	BD41824	02/28/13	ICP, GFAA and CVAA	Water	
MW5	BD41825	02/28/13	ICP, GFAA and CVAA	Water	
MW6	BD41826	02/28/13	ICP, GFAA and CVAA	Water	
DUPLICATE	BD41827	02/28/13	ICP, GFAA and CVAA	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 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 for total metals in the ICV and CCVs were within QC limits (90-110%) with the following exception (s):

Analyte	Date Analyzed and Time	%R	Date Analyzed and Time	%R	Sample Affected	Action
Cadmium	03/05/13 00:14	112.5			MW-5	None
Thallium		115.2		119.0	MW-3, MW-4, MW-5, MW-6, DUPLICATE	None

No qualifications were required due to %R were high and cadmium and thallium were not detected in any of the associated samples.

2. All %RECs for dissolved metals in the ICV and CCVs were within QC limits (90-110%) with the following exception (s):

Analyte	Date Analyzed and Time	%R	Date Analyzed and Time	%R	Sample Affected	Action
Thallium	03/04/13 10:37	115.2	03/04/13 11:45	113.0	MW-3, MW-4	None
Thallium	03/04/13 12:58	126.0	03/04/13 14:51	113.2	MW-6, DUPLICATE, MW-5	None

No qualifications were required due to %R were high and thallium was not detected in any of the associated samples.

Mercury:

1. All correlation coefficient for Mercury calibration curve analyzed were ≥ 0.995 . No qualifications were required.
2. All ICVs and CCVs %REC values were within the QC limits (80-120%). No qualifications were required.

CRQL Check Standard (CRI):**Total:**

1. All CRI analyzed on 03/4 and 5/2013 %RECs were within the control limits (70-130%). No qualifications were required.

Dissolved:

1. All CRI analyzed on 03/01, 02 and 04/2013 %RECs were within the control limits (70-130%) with the following exception(s):

Analyte	Date Analyzed	%R	Sample Affected	Action
Aluminum	03/01/13	222.6	MW-3, MW-4, MW-5, MW-6, DUPLICATE	J

ICP-AES Interference Check Sample:**Total:**

1. All %REC values were within the QC limits (80-120%) for ICSA and ICSAB. No qualifications were required.

Dissolved:

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
Iron	03/02/13	125.5	MW-3, MW-4, MW-5, MW-6, DUPLICATE	J
Cadmium	03/02/13	123.3	MW-3, MW-4, MW-5, MW-6, DUPLICATE	None

Blanks (Method Blank, ICB and CCB):**ICP-AES and GFAA:****Total:**

1. Method Blank-Water (total) (BD41825 BLK) digested on 03/01/2013 was free of contamination. No qualifications were required.

- Method Blank-Water (total) (BD41825 BLK) for furnace analysis digested on 03/01/2012 was free of contamination. No qualifications were required.
- ICB and CCBs analyzed on 03/04/2013 had several elements detected above their Method Detection Limit (MDL) but below the CRQL.

Element	Concentration (mg/L)	CRQL* (mg/L)	Sample Affected	Action
Copper	0.0006	0.005	MW5	None
Antimony	0.007	0.005	MW3, MW4, MW6	None
Antimony	0.006	0.005	DUPLICATE	None
Cadmium	0.0002	0.004	MW3 MW4 MW6	U 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 ICB/CCB, 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:

- Method Blank-Water (dissolved) (BD41825) digested on 03/01/2013 was free of contamination. No qualifications were required.
- All ICB and CCBs were free of contamination. No qualifications were required.

Mercury:

Total:

- All ICB and CCBs were free of contamination. No qualifications were required.
- Method Blank-Water (total) (BD41825 BLK) digested on 03/04/2013 was free of contamination. No qualifications were required.

Dissolved:

- All ICB and CCBs were free of contamination. No qualifications were required.
- Method Blank-Water (dissolved) (BD41825 BLK) digested on 03/04/2013 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 (total) was analyzed on 03/04/2013. All %RECs were within the laboratory control limits. No qualifications were required.
2. Laboratory Control Sample (dissolved) was analyzed on 03/01 and 04/2013. All %RECs were within the laboratory control limits. No qualifications were required.

Field Duplicate:

1. Sample Duplicate (BD41827) was collected as a field duplicate of sample MW 5 (total) (BD41825). The RPD for several analytes were $\geq 30\%$. The validation actions are summarized in the following table:

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
MW-5	Aluminum	SW8466010B	354	mg/l	Duplicate	215	mg/l	48.9	J
MW-5	Arsenic	SW8466010B	0.054	mg/l	Duplicate	0.038	mg/l	34.8	J
MW-5	Barium	SW8466010B	2.28	mg/l	Duplicate	1.79	mg/l	24.1	None
MW-5	Beryllium	SW8466010B	0.019	mg/l	Duplicate	0.011	mg/l	53.3	J
MW-5	Cadmium	SW8466010B	ND	mg/l	Duplicate	0.006	mg/l	NC	UJ/J
MW-5	Calcium	SW8466010B	52.8	mg/l	Duplicate	46.5	mg/l	12.7	None
MW-5	Chromium	SW8466010B	0.476	mg/l	Duplicate	0.295	mg/l	47.0	J
MW-5	Cobalt	SW8466010B	0.177	mg/l	Duplicate	0.088	mg/l	67.2	J
MW-5	Copper	SW8466010B	0.660	mg/l	Duplicate	0.400	mg/l	49.1	J
MW-5	Iron	SW8466010B	428	mg/l	Duplicate	264	mg/l	47.4	J
MW-5	Lead	SW8466010B	0.134	mg/l	Duplicate	0.079	mg/l	51.6	J
MW-5	Magnesium	SW8466010B	53.5	mg/l	Duplicate	39.5	mg/l	30.1	J
MW-5	Manganese	SW8466010B	15.1	mg/l	Duplicate	9.33	mg/l	47.2	J
MW-5	Mercury	SW8467470B	0.0003	mg/l	Duplicate	ND	mg/l	NC	J/UJ
MW-5	Nickel	SW8466010B	0.466	mg/l	Duplicate	0.282	mg/l	49.2	J
MW-5	Potassium	SW8466010B	24.4	mg/l	Duplicate	17.2	mg/l	34.6	J
MW-5	Sodium	SW8466010B	21.5	mg/l	Duplicate	20.9	mg/l	2.8	None

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
MW-5	Vanadium	SW8466010B	0.67	mg/l	Duplicate	0.39	mg/l	52.8	J
MW-5	Zinc	SW8466010B	0.668	mg/l	Duplicate	0.374	mg/l	56.4	J

2. Sample Duplicate (BD41827) was collected as a field duplicate of sample MW 5 (dissolved) (BD41825). All RPDs were < 30%. No qualifications were required.

Field Sample	Analyte	Analytical Method	Result	Units	Field Duplicate	Result	Units	RPD	Qualifier
MW-5	Aluminum	SW8466010B	0.07	mg/L	Duplicate	1.44	mg/L	181.5	J
MW-5	Barium	SW8466010B	0.034	mg/L	Duplicate	0.043	mg/L	23.4	None
MW-5	Calcium	SW8466010B	39.2	mg/L	Duplicate	38.8	mg/L	1.0	None
MW-5	Cobalt	SW8466010B	0.001	mg/L	Duplicate	0.001	mg/L	0	None
MW-5	Copper	SW8466010B	0.001	mg/L	Duplicate	0.001	mg/L	0	None
MW-5	Iron	SW8466010B	0.04	mg/L	Duplicate	1.02	mg/L	184.9	J
MW-5	Manganese	SW8466010B	15.2	mg/L	Duplicate	15.2	mg/L	0	None
MW-5	Magnesium	SW8466010B	1.38	mg/L	Duplicate	1.07	mg/L	25.3	None
MW-5	Nickel	SW8466010B	0.006	mg/L	Duplicate	0.005	mg/L	18.2	None
MW-5	Potassium	SW8466010B	3.0	mg/L	Duplicate	2.7	mg/L	10.5	None
MW-5	Sodium	SW8466010B	20.2	mg/L	Duplicate	17.6	mg/L	13.8	None
MW-5	Vanadium	SW8466010B	ND	mg/L	Duplicate	0.00	mg/L	NC	UJ/J
MW-5	Zinc	SW8466010B	0.004	mg/L	Duplicate	0.004	mg/L	0	None

Matrix Spike (MS)/ Matrix Spike Duplicate (MSD):

ICP-AES, GFAA and CVAA:

1. Matrix spike (MS) was performed on sample MW5 (BD41825) (total). All %RECs were within laboratory control limits with the following exception(s):

Element	%R	Sample Affected	Action
Antimony	53.1	MW3, MW4 , MW5, MW6, DUPLICATE	UJ

2. Matrix spike (MS) was performed on sample MW5 (BD41825) (dissolved). All %RECs were within laboratory control limits. No qualifications were required.

Sample Duplicate:**ICP-AES, GFAA and CVAA:**

1. Laboratory Duplicate was performed on sample MW-5 (BD41825) (total and dissolved). All RPDs were within the laboratory control limits

ICP-AES Serial Dilution:

1. ICP serial dilution was performed on sample MW-5 (BD41825) (total). For all results for which the concentration in the original sample is $\geq 50x$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$). No qualifications were required.
2. ICP serial dilution was performed on sample MW-5 (BD41825) (dissolved). For all results for which the concentration in the original sample is $\geq 50x$ the Method Detection Limits (MDL), the serial dilution analysis (a five-fold dilution) was within the acceptable limit ($\%D \pm 10\%$). No qualifications were required.

Verification of Instrumental Parameters:

1. The following Forms were present in the data package:
 - 1.1 Method Detection Limits, Form- X.
 - 1.2 ICP-AES Interelement Correction Factors, Form -XIA and Form-XIB.
 - 1.3 ICP-AES Linear Ranges, Form XII.

Compound Quantitation and Reported Detection Limits:

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

2. Manual calculation:

Sample: MW3 (BD41823)

Copper (total)

DF: 1

0.1606mg/L was reported on the raw data and the laboratory reported 0.161mg/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: GBD41823.
3. Summary of the qualified data is listed in the Data Summary Table for SDG: GBD41823.



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BD41828-TB	BD41828	SW8260	03/03/13	1	Ethylbenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Styrene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	cis-1,3-Dichloropropene		ug/L	UJ	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	trans-1,3-Dichloropropene		ug/L	UJ	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	n-Propylbenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	n-Butylbenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	4-Chlorotoluene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,4-Dichlorobenzene		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,2-Dibromoethane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Acrolein		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,2-Dichloroethane		ug/L	U	2.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Acrylonitrile		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	4-Methyl-2-pentanone		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Bromobenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Toluene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Chlorobenzene		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Tetrahydrofuran (THF)		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	trans-1,4-dichloro-2-butene		ug/L	UJ	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Dibromochloromethane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Tetrachloroethene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	sec-Butylbenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,3-Dichloropropane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	cis-1,2-Dichloroethene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	trans-1,2-Dichloroethene		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	m&p-Xylene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	2-Isopropyltoluene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,3-Dichlorobenzene		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Carbon tetrachloride		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,1-Dichloropropene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	2-Hexanone		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	2,2-Dichloropropane		ug/L	UJ	1.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BD41828-TB	BD41828	SW8260	03/03/13	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Acetone	0.99	ug/L	UJ	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Chloroform		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Benzene		ug/L	U	0.70
BD41828-TB	BD41828	SW8260	03/03/13	1	1,1,1-Trichloroethane		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Bromomethane		ug/L	UJ	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Chloromethane		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Dibromomethane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Bromochloromethane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Chloroethane		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Vinyl chloride		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Methylene chloride		ug/L	U	3.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Carbon Disulfide		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Bromoform		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Bromodichloromethane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,1-Dichloroethane		ug/L	U	5.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,1-Dichloroethene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Trichlorofluoromethane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Dichlorodifluoromethane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Trichlorotrifluoroethane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,2-Dichloropropane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Methyl ethyl ketone		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,1,2-Trichloroethane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Trichloroethene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Hexachlorobutadiene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Naphthalene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	o-Xylene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	2-Chlorotoluene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,2-Dichlorobenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,2-Dibromo-3-chloropropane		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	1,2,3-Trichloropropane		ug/L	U	1.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
BD41828-TB	BD41828	SW8260	03/03/13	1	tert-Butylbenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	Isopropylbenzene		ug/L	U	1.0
BD41828-TB	BD41828	SW8260	03/03/13	1	p-Isopropyltoluene		ug/L	U	1.0
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Aluminum (Dissolved)	1.44	mg/L	J	0.01
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Antimony (Dissolved)		mg/L	U	0.01
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Arsenic, (Dissolved)		mg/L	U	0.003
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Barium (Dissolved)	0.043	mg/L		0.011
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Beryllium (Dissolved)		mg/L	U	0.001
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Cadmium (Dissolved)		mg/L	U	0.004
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Calcium (Dissolved)	38.8	mg/L		0.01
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Chromium (Dissolved)		mg/L	U	0.001
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Cobalt, (Dissolved)	0.001	mg/L	J	0.005
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Copper, (Dissolved)	0.001	mg/L	J	0.005
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Iron, (Dissolved)	1.02	mg/L	J	0.01
DUPLICATE	BD41827	SW6010	03/04/13	10	Aluminum	215	mg/L	J	0.10
DUPLICATE	BD41827	SW6010	03/04/13	1	Antimony		mg/L	UJ	0.005
DUPLICATE	BD41827	SW6010	03/04/13	1	Arsenic - LDL	0.038	mg/L	J	0.004
DUPLICATE	BD41827	SW6010	03/04/13	1	Barium	1.79	mg/L		0.010
DUPLICATE	BD41827	SW6010	03/04/13	1	Beryllium	0.011	mg/L	J	0.001
DUPLICATE	BD41827	SW6010	03/04/13	1	Cadmium	0.006	mg/L	J	0.004
DUPLICATE	BD41827	SW6010	03/04/13	1	Calcium	46.5	mg/L		0.010
DUPLICATE	BD41827	SW6010	03/04/13	1	Chromium	0.295	mg/L	J	0.001
DUPLICATE	BD41827	SW6010	03/04/13	1	Cobalt	0.088	mg/L	J	0.005
DUPLICATE	BD41827	SW6010	03/04/13	1	Copper	0.400	mg/L	J	0.005
DUPLICATE	BD41827	SW6010	03/04/13	10	Iron	264	mg/L	J	0.10
DUPLICATE	BD41827	SW8081	03/04/13	1	Heptachlor epoxide		ug/L	U	0.026
DUPLICATE	BD41827	SW8081	03/04/13	1	Endosulfan Sulfate		ug/L	U	0.053
DUPLICATE	BD41827	SW8081	03/04/13	1	Alachlor		ug/L	U	0.079
DUPLICATE	BD41827	SW8081	03/04/13	1	Aldrin		ug/L	U	0.002
DUPLICATE	BD41827	SW8081	03/04/13	1	a-BHC		ug/L	U	0.026
DUPLICATE	BD41827	SW8081	03/04/13	1	b-BHC		ug/L	U	0.005
DUPLICATE	BD41827	SW8081	03/04/13	1	d-BHC		ug/L	U	0.026
DUPLICATE	BD41827	SW8081	03/04/13	1	Endosulfan II		ug/L	U	0.053
DUPLICATE	BD41827	SW8081	03/04/13	1	4,4' -DDT		ug/L	U	0.053



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD41827	SW8081	03/04/13	1	a-chlordane		ug/L	U	0.026
DUPLICATE	BD41827	SW8081	03/04/13	1	g-chlordane		ug/L	U	0.026
DUPLICATE	BD41827	SW8081	03/04/13	1	Endrin ketone		ug/L	U	0.053
DUPLICATE	BD41827	SW8081	03/04/13	1	Chlordane		ug/L	U	0.32
DUPLICATE	BD41827	SW8081	03/04/13	1	g-BHC (Lindane)		ug/L	U	0.026
DUPLICATE	BD41827	SW8081	03/04/13	1	Dieldrin	0.018	ug/L	J	0.002
DUPLICATE	BD41827	SW8081	03/04/13	1	Endrin		ug/L	U	0.053
DUPLICATE	BD41827	SW8081	03/04/13	1	Methoxychlor		ug/L	U	0.10
DUPLICATE	BD41827	SW8081	03/04/13	1	4,4' -DDD		ug/L	U	0.053
DUPLICATE	BD41827	SW8081	03/04/13	1	4,4' -DDE		ug/L	U	0.053
DUPLICATE	BD41827	SW8081	03/04/13	1	Endrin Aldehyde		ug/L	U	0.053
DUPLICATE	BD41827	SW8081	03/04/13	1	Heptachlor		ug/L	U	0.026
DUPLICATE	BD41827	SW8081	03/04/13	1	Toxaphene		ug/L	U	1.0
DUPLICATE	BD41827	SW8081	03/04/13	1	Endosulfan I		ug/L	U	0.053
DUPLICATE	BD41827	SW8082	03/14/13	1	PCB-1260		ug/L	U	0.053
DUPLICATE	BD41827	SW8082	03/14/13	1	PCB-1254		ug/L	U	0.053
DUPLICATE	BD41827	SW8082	03/14/13	1	PCB-1268		ug/L	U	0.053
DUPLICATE	BD41827	SW8082	03/14/13	1	PCB-1221		ug/L	U	0.053
DUPLICATE	BD41827	SW8082	03/14/13	1	PCB-1232		ug/L	U	0.053
DUPLICATE	BD41827	SW8082	03/14/13	1	PCB-1248		ug/L	U	0.053
DUPLICATE	BD41827	SW8082	03/14/13	1	PCB-1016		ug/L	U	0.053
DUPLICATE	BD41827	SW8082	03/14/13	1	PCB-1262		ug/L	U	0.053
DUPLICATE	BD41827	SW8082	03/14/13	1	PCB-1242		ug/L	U	0.053
DUPLICATE	BD41827	SW8260	03/03/13	1	Ethylbenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Styrene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	cis-1,3-Dichloropropene		ug/L	UJ	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	trans-1,3-Dichloropropene		ug/L	UJ	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	n-Propylbenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	n-Butylbenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	4-Chlorotoluene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,4-Dichlorobenzene		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,2-Dibromoethane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Acrolein		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,2-Dichloroethane		ug/L	U	2.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD41827	SW8260	03/03/13	1	Acrylonitrile		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	4-Methyl-2-pentanone		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Bromobenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Toluene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Chlorobenzene		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Tetrahydrofuran (THF)		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	trans-1,4-dichloro-2-butene		ug/L	UJ	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Dibromochloromethane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Tetrachloroethene	18	ug/L		1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	sec-Butylbenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,3-Dichloropropane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	cis-1,2-Dichloroethene	2.5	ug/L		1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	trans-1,2-Dichloroethene		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	m&p-Xylene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	2-Isopropyltoluene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,3-Dichlorobenzene		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Carbon tetrachloride		ug/L	UJ	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,1-Dichloropropene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	2-Hexanone		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	2,2-Dichloropropane		ug/L	UJ	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Acetone	0.71	ug/L	UJ	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Chloroform	1.2	ug/L	J	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Benzene		ug/L	U	0.70
DUPLICATE	BD41827	SW8260	03/03/13	1	1,1,1-Trichloroethane		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Bromomethane	0.25	ug/L	J	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Chloromethane		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Dibromomethane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Bromochloromethane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Chloroethane		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Vinyl chloride		ug/L	U	1.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD41827	SW8260	03/03/13	1	Methylene chloride		ug/L	U	3.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Carbon Disulfide		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Bromoform		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Bromodichloromethane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,1-Dichloroethane		ug/L	U	5.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,1-Dichloroethene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Trichlorofluoromethane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Dichlorodifluoromethane		ug/L	UJ	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Trichlorotrifluoroethane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,2-Dichloropropane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Methyl ethyl ketone		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,1,2-Trichloroethane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Trichloroethene	10	ug/L		1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Hexachlorobutadiene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Naphthalene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	o-Xylene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	2-Chlorotoluene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,2-Dichlorobenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,2-Dibromo-3-chloropropane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	1,2,3-Trichloropropane		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	tert-Butylbenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	Isopropylbenzene		ug/L	U	1.0
DUPLICATE	BD41827	SW8260	03/03/13	1	p-Isopropyltoluene		ug/L	U	1.0
DUPLICATE	BD41827	SW8270	03/05/13	1	4-Nitroaniline		ug/L	U	25
DUPLICATE	BD41827	SW8270	03/05/13	1	4-Nitrophenol		ug/L	U	25
DUPLICATE	BD41827	SW8270	03/05/13	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	2,4-Dimethylphenol		ug/L	UJ	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	1,4-Dichlorobenzene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	4-Chloroaniline		ug/L	R	10
DUPLICATE	BD41827	SW8270	03/05/13	1	Phenol		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Pyridine		ug/L	R	10



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD41827	SW8270	03/05/13	1	Bis(2-chloroethyl)ether		ug/L	UJ	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Di-n-octylphthalate		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Anthracene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	2,4-Dichlorophenol		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	2,4-Dinitrotoluene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	1,2-Diphenylhydrazine		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Pyrene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Dimethylphthalate		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Dibenzofuran		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Fluoranthene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Bis(2-chloroisopropyl)ether		ug/L	UJ	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	2,4-Dinitrophenol		ug/L	UJ	25
DUPLICATE	BD41827	SW8270	03/05/13	1	4,6-Dinitro-2-methylphenol		ug/L	UJ	25
DUPLICATE	BD41827	SW8270	03/05/13	1	1,3-Dichlorobenzene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	4-Chloro-3-methylphenol		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	2,6-Dinitrotoluene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Aniline		ug/L	R	25
DUPLICATE	BD41827	SW8270	03/05/13	1	N-Nitrosodimethylamine		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Benzoic acid		ug/L	R	25
DUPLICATE	BD41827	SW8270	03/05/13	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Isophorone		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Acenaphthene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Diethyl phthalate		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Di-n-butylphthalate		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Benzyl butyl phthalate		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	N-Nitrosodiphenylamine		ug/L	UJ	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Fluorene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Carbazole		ug/L	UJ	25
DUPLICATE	BD41827	SW8270	03/05/13	1	Hexachlorobutadiene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	2,4,6-Trichlorophenol		ug/L	U	5.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD41827	SW8270	03/05/13	1	2-Nitroaniline		ug/L	UJ	25
DUPLICATE	BD41827	SW8270	03/05/13	1	2-Nitrophenol		ug/L	UJ	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Naphthalene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	2-Methylnaphthalene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	2-Chloronaphthalene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	3,3'-Dichlorobenzidine		ug/L	U	10
DUPLICATE	BD41827	SW8270	03/05/13	1	Benzidine		ug/L	UJ	10
DUPLICATE	BD41827	SW8270	03/05/13	1	2-Methylphenol (o-cresol)		ug/L	UJ	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	1,2-Dichlorobenzene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	2-Chlorophenol		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	2,4,5-Trichlorophenol		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Acetophenone		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	Nitrobenzene		ug/L	U	5.0
DUPLICATE	BD41827	SW8270	03/05/13	1	3-Nitroaniline		ug/L	UJ	25
DUPLICATE	BD41827	SW8270	03/05/13	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	5.0
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.6
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Hexachlorobenzene		ug/L	U	0.060
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Benzo(ghi)perylene		ug/L	U	0.10
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.10
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Benzo(b)fluoranthene		ug/L	U	0.064
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Benzo(k)fluoranthene		ug/L	U	0.10
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Acenaphthylene		ug/L	U	0.10
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Chrysene		ug/L	U	0.10
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Benzo(a)pyrene		ug/L	U	0.10
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Dibenz(a,h)anthracene		ug/L	U	0.10
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Benz(a)anthracene		ug/L	U	0.040
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Hexachloroethane		ug/L	U	2.4
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Pentachloronitrobenzene		ug/L	U	0.10
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Phenanthrene		ug/L	U	0.10
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	Pentachlorophenol		ug/L	UJ	0.80
DUPLICATE	BD41827	SW8270C-SIM	03/04/13	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	1.5
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Lead (Dissolved)		mg/L	U	0.002
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Magnesium (Dissolved)	15.2	mg/L		0.01
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Manganese, (Dissolved)	1.07	mg/L		0.005



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
DUPLICATE	BD41827	SW7470	03/04/13	1	Mercury (Dissolved)		mg/L	U	0.0002
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Nickel, (Dissolved)	0.005	mg/L		0.004
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Potassium (Dissolved)	2.7	mg/L		0.1
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Selenium (Dissolved)		mg/L	U	0.02
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Silver (Dissolved)		mg/L	U	0.005
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Sodium (Dissolved)	17.6	mg/L		0.11
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Vanadium, (Dissolved)	0.00	mg/L	J	0.01
DUPLICATE	BD41827	SW6010	03/01/13	1.067	Zinc, (Dissolved)	0.004	mg/L	J	0.011
DUPLICATE	BD41827	SW6010	03/04/13	1	Lead	0.079	mg/L	J	0.002
DUPLICATE	BD41827	SW6010	03/04/13	1	Magnesium	39.5	mg/L	J	0.01
DUPLICATE	BD41827	SW6010	03/04/13	10	Manganese	9.33	mg/L	J	0.050
DUPLICATE	BD41827	SW7470	03/04/13	1	Mercury		mg/L	UJ	0.0002
DUPLICATE	BD41827	SW6010	03/04/13	1	Nickel	0.282	mg/L	J	0.004
DUPLICATE	BD41827	SW6010	03/04/13	1	Potassium	17.2	mg/L	J	0.1
DUPLICATE	BD41827	SW6010	03/04/13	1	Selenium		mg/L	U	0.02
DUPLICATE	BD41827	SW6010	03/04/13	1	Silver		mg/L	U	0.005
DUPLICATE	BD41827	SW6010	03/04/13	1	Sodium	20.9	mg/L		0.1
DUPLICATE	BD41827	SW6010	03/04/13	1	Vanadium	0.39	mg/L	J	0.01
DUPLICATE	BD41827	SW6010	03/04/13	1	Zinc	0.374	mg/L	J	0.010
MW3	BD41823	SW6010	03/01/13	1.067	Aluminum (Dissolved)	0.33	mg/L	J	0.01
MW3	BD41823	SW6010	03/01/13	1.067	Iron, (Dissolved)	0.31	mg/L	J	0.01
MW3	BD41823	SW6010	03/01/13	1.067	Lead (Dissolved)		mg/L	U	0.002
MW3	BD41823	SW6010	03/01/13	1.067	Magnesium (Dissolved)	39.9	mg/L		0.01
MW3	BD41823	SW6010	03/01/13	1.067	Manganese, (Dissolved)	1.67	mg/L		0.005
MW3	BD41823	SW6010	03/01/13	1.067	Nickel, (Dissolved)	0.004	mg/L	J	0.004
MW3	BD41823	SW6010	03/01/13	1.067	Silver (Dissolved)		mg/L	U	0.005
MW3	BD41823	SW6010	03/01/13	1.067	Antimony (Dissolved)		mg/L	U	0.01
MW3	BD41823	SW6010	03/01/13	1.067	Arsenic, (Dissolved)		mg/L	U	0.003
MW3	BD41823	SW6010	03/01/13	1.067	Barium (Dissolved)	0.106	mg/L		0.011
MW3	BD41823	SW6010	03/01/13	1.067	Beryllium (Dissolved)		mg/L	U	0.001
MW3	BD41823	SW6010	03/01/13	1.067	Cadmium (Dissolved)		mg/L	U	0.004
MW3	BD41823	SW6010	03/01/13	1.067	Chromium (Dissolved)		mg/L	U	0.001
MW3	BD41823	SW6010	03/01/13	1.067	Cobalt, (Dissolved)	0.002	mg/L	J	0.005
MW3	BD41823	SW6010	03/01/13	1.067	Copper, (Dissolved)		mg/L	U	0.005



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BD41823	SW6010	03/01/13	1.067	Vanadium, (Dissolved)		mg/L	U	0.01
MW3	BD41823	SW6010	03/01/13	1.067	Zinc, (Dissolved)	0.003	mg/L	J	0.011
MW3	BD41823	SW6010	03/01/13	1.067	Calcium (Dissolved)	102	mg/L		0.01
MW3	BD41823	SW6010	03/01/13	1.067	Selenium (Dissolved)		mg/L	U	0.02
MW3	BD41823	SW6010	03/01/13	10.67	Potassium (Dissolved)	10.5	mg/L		1.1
MW3	BD41823	SW6010	03/01/13	10.67	Sodium (Dissolved)	148	mg/L		1.1
MW3	BD41823	SW6010	03/04/13	1	Iron	124	mg/L		0.01
MW3	BD41823	SW6010	03/04/13	1	Lead	0.058	mg/L		0.002
MW3	BD41823	SW6010	03/04/13	1	Magnesium	53.0	mg/L		0.01
MW3	BD41823	SW6010	03/04/13	1	Nickel	0.148	mg/L		0.004
MW3	BD41823	SW6010	03/04/13	1	Potassium	20.8	mg/L		0.1
MW3	BD41823	SW6010	03/04/13	1	Silver		mg/L	U	0.005
MW3	BD41823	SW6010	03/04/13	1	Antimony		mg/L	UJ	0.005
MW3	BD41823	SW6010	03/04/13	1	Arsenic - LDL	0.007	mg/L		0.004
MW3	BD41823	SW6010	03/04/13	1	Barium	0.918	mg/L		0.010
MW3	BD41823	SW6010	03/04/13	1	Beryllium	0.004	mg/L		0.001
MW3	BD41823	SW6010	03/04/13	1	Cadmium	0.003	mg/L	U	0.004
MW3	BD41823	SW6010	03/04/13	1	Chromium	0.165	mg/L		0.001
MW3	BD41823	SW6010	03/04/13	1	Cobalt	0.077	mg/L		0.005
MW3	BD41823	SW6010	03/04/13	1	Copper	0.161	mg/L		0.005
MW3	BD41823	SW6010	03/04/13	1	Vanadium	0.14	mg/L		0.01
MW3	BD41823	SW6010	03/04/13	1	Zinc	0.203	mg/L		0.010
MW3	BD41823	SW6010	03/04/13	1	Calcium	102	mg/L		0.010
MW3	BD41823	SW6010	03/04/13	1	Selenium		mg/L	U	0.02
MW3	BD41823	SW6010	03/04/13	10	Aluminum	80.0	mg/L		0.10
MW3	BD41823	SW6010	03/04/13	10	Manganese	9.05	mg/L		0.050
MW3	BD41823	SW6010	03/04/13	10	Sodium	159	mg/L		1.0
MW3	BD41823	SW7470	03/04/13	1	Mercury (Dissolved)		mg/L	U	0.0002
MW3	BD41823	SW7470	03/04/13	1	Mercury	0.0037	mg/L		0.0002
MW3	BD41823	SW8081	03/04/13	1	Heptachlor epoxide		ug/L	U	0.026
MW3	BD41823	SW8081	03/04/13	1	Endosulfan Sulfate		ug/L	U	0.052
MW3	BD41823	SW8081	03/04/13	1	Alachlor		ug/L	U	0.078
MW3	BD41823	SW8081	03/04/13	1	Aldrin		ug/L	U	0.002
MW3	BD41823	SW8081	03/04/13	1	a-BHC		ug/L	U	0.026



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BD41823	SW8081	03/04/13	1	b-BHC		ug/L	U	0.005
MW3	BD41823	SW8081	03/04/13	1	d-BHC		ug/L	U	0.026
MW3	BD41823	SW8081	03/04/13	1	Endosulfan II		ug/L	U	0.052
MW3	BD41823	SW8081	03/04/13	1	4,4' -DDT		ug/L	U	0.052
MW3	BD41823	SW8081	03/04/13	1	a-chlordane		ug/L	U	0.026
MW3	BD41823	SW8081	03/04/13	1	g-chlordane		ug/L	U	0.026
MW3	BD41823	SW8081	03/04/13	1	Endrin ketone		ug/L	U	0.052
MW3	BD41823	SW8081	03/04/13	1	Chlordane		ug/L	U	0.31
MW3	BD41823	SW8081	03/04/13	1	g-BHC (Lindane)		ug/L	U	0.026
MW3	BD41823	SW8081	03/04/13	1	Dieldrin	0.005	ug/L		0.002
MW3	BD41823	SW8081	03/04/13	1	Endrin		ug/L	U	0.052
MW3	BD41823	SW8081	03/04/13	1	Methoxychlor		ug/L	U	0.10
MW3	BD41823	SW8081	03/04/13	1	4,4' -DDD		ug/L	U	0.052
MW3	BD41823	SW8081	03/04/13	1	4,4' -DDE		ug/L	U	0.052
MW3	BD41823	SW8081	03/04/13	1	Endrin Aldehyde		ug/L	U	0.052
MW3	BD41823	SW8081	03/04/13	1	Heptachlor		ug/L	U	0.026
MW3	BD41823	SW8081	03/04/13	1	Toxaphene		ug/L	U	1.0
MW3	BD41823	SW8081	03/04/13	1	Endosulfan I		ug/L	U	0.052
MW3	BD41823	SW8082	03/14/13	1	PCB-1260		ug/L	U	0.052
MW3	BD41823	SW8082	03/14/13	1	PCB-1254		ug/L	U	0.052
MW3	BD41823	SW8082	03/14/13	1	PCB-1268		ug/L	U	0.052
MW3	BD41823	SW8082	03/14/13	1	PCB-1221		ug/L	U	0.052
MW3	BD41823	SW8082	03/14/13	1	PCB-1232		ug/L	U	0.052
MW3	BD41823	SW8082	03/14/13	1	PCB-1248		ug/L	U	0.052
MW3	BD41823	SW8082	03/14/13	1	PCB-1016		ug/L	U	0.052
MW3	BD41823	SW8082	03/14/13	1	PCB-1262		ug/L	U	0.052
MW3	BD41823	SW8082	03/14/13	1	PCB-1242		ug/L	U	0.052
MW3	BD41823	SW8260	03/03/13	1	Ethylbenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Styrene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	cis-1,3-Dichloropropene		ug/L	UJ	1.0
MW3	BD41823	SW8260	03/03/13	1	trans-1,3-Dichloropropene		ug/L	UJ	1.0
MW3	BD41823	SW8260	03/03/13	1	n-Propylbenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	n-Butylbenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	4-Chlorotoluene		ug/L	U	1.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BD41823	SW8260	03/03/13	1	1,4-Dichlorobenzene		ug/L	U	5.0
MW3	BD41823	SW8260	03/03/13	1	1,2-Dibromoethane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Acrolein		ug/L	U	5.0
MW3	BD41823	SW8260	03/03/13	1	1,2-Dichloroethane		ug/L	U	2.0
MW3	BD41823	SW8260	03/03/13	1	Acrylonitrile		ug/L	U	5.0
MW3	BD41823	SW8260	03/03/13	1	4-Methyl-2-pentanone		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Bromobenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Toluene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Chlorobenzene		ug/L	U	5.0
MW3	BD41823	SW8260	03/03/13	1	Tetrahydrofuran (THF)		ug/L	U	5.0
MW3	BD41823	SW8260	03/03/13	1	trans-1,4-dichloro-2-butene		ug/L	UJ	1.0
MW3	BD41823	SW8260	03/03/13	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Dibromochloromethane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Tetrachloroethene	24	ug/L		1.0
MW3	BD41823	SW8260	03/03/13	1	sec-Butylbenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	1,3-Dichloropropane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	cis-1,2-Dichloroethene	1.7	ug/L		1.0
MW3	BD41823	SW8260	03/03/13	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW3	BD41823	SW8260	03/03/13	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	m&p-Xylene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	2-Isopropyltoluene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	1,3-Dichlorobenzene		ug/L	U	5.0
MW3	BD41823	SW8260	03/03/13	1	Carbon tetrachloride		ug/L	UJ	1.0
MW3	BD41823	SW8260	03/03/13	1	1,1-Dichloropropene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	2-Hexanone		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	2,2-Dichloropropane		ug/L	UJ	1.0
MW3	BD41823	SW8260	03/03/13	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Acetone	1.3	ug/L	UJ	5.0
MW3	BD41823	SW8260	03/03/13	1	Chloroform	2.3	ug/L	J	5.0
MW3	BD41823	SW8260	03/03/13	1	Benzene		ug/L	U	0.70
MW3	BD41823	SW8260	03/03/13	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW3	BD41823	SW8260	03/03/13	1	Bromomethane		ug/L	UJ	5.0
MW3	BD41823	SW8260	03/03/13	1	Chloromethane		ug/L	U	5.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BD41823	SW8260	03/03/13	1	Dibromomethane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Bromochloromethane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Chloroethane		ug/L	U	5.0
MW3	BD41823	SW8260	03/03/13	1	Vinyl chloride		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Methylene chloride		ug/L	U	3.0
MW3	BD41823	SW8260	03/03/13	1	Carbon Disulfide		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Bromoform		ug/L	U	5.0
MW3	BD41823	SW8260	03/03/13	1	Bromodichloromethane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	1,1-Dichloroethane		ug/L	U	5.0
MW3	BD41823	SW8260	03/03/13	1	1,1-Dichloroethene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Trichlorofluoromethane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Dichlorodifluoromethane		ug/L	UJ	1.0
MW3	BD41823	SW8260	03/03/13	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	1,2-Dichloropropane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Methyl ethyl ketone		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Trichloroethene	3.9	ug/L		1.0
MW3	BD41823	SW8260	03/03/13	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Hexachlorobutadiene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Naphthalene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	o-Xylene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	2-Chlorotoluene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	1,2-Dibromo-3-chloropropane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	1,2,3-Trichloropropane		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	tert-Butylbenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	Isopropylbenzene		ug/L	U	1.0
MW3	BD41823	SW8260	03/03/13	1	p-Isopropyltoluene		ug/L	U	1.0
MW3	BD41823	SW8270	03/05/13	1	4-Nitroaniline		ug/L	U	25
MW3	BD41823	SW8270	03/05/13	1	4-Nitrophenol		ug/L	U	25
MW3	BD41823	SW8270	03/05/13	1	4-Bromophenyl phenyl ether		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	2,4-Dimethylphenol		ug/L	UJ	5.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BD41823	SW8270	03/05/13	1	1,4-Dichlorobenzene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	4-Chloroaniline		ug/L	R	10
MW3	BD41823	SW8270	03/05/13	1	Phenol		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Pyridine		ug/L	R	10
MW3	BD41823	SW8270	03/05/13	1	Bis(2-chloroethyl)ether		ug/L	UJ	5.0
MW3	BD41823	SW8270	03/05/13	1	Bis(2-chloroethoxy)methane		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Di-n-octylphthalate		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Anthracene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	1,2,4-Trichlorobenzene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	2,4-Dichlorophenol		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	2,4-Dinitrotoluene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	1,2-Diphenylhydrazine		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Pyrene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Dimethylphthalate		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Dibenzofuran		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Fluoranthene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Bis(2-chloroisopropyl)ether		ug/L	UJ	5.0
MW3	BD41823	SW8270	03/05/13	1	2,4-Dinitrophenol		ug/L	UJ	25
MW3	BD41823	SW8270	03/05/13	1	4,6-Dinitro-2-methylphenol		ug/L	UJ	25
MW3	BD41823	SW8270	03/05/13	1	1,3-Dichlorobenzene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	4-Chloro-3-methylphenol		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	2,6-Dinitrotoluene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	N-Nitrosodi-n-propylamine		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Aniline		ug/L	R	25
MW3	BD41823	SW8270	03/05/13	1	N-Nitrosodimethylamine		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Benzoic acid		ug/L	R	25
MW3	BD41823	SW8270	03/05/13	1	4-Chlorophenyl phenyl ether		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Hexachlorocyclopentadiene		ug/L	UJ	5.0
MW3	BD41823	SW8270	03/05/13	1	Isophorone		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Acenaphthene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Diethyl phthalate		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Di-n-butylphthalate		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Benzyl butyl phthalate		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	N-Nitrosodiphenylamine		ug/L	UJ	5.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BD41823	SW8270	03/05/13	1	Fluorene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Carbazole		ug/L	UJ	25
MW3	BD41823	SW8270	03/05/13	1	Hexachlorobutadiene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	2,4,6-Trichlorophenol		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	2-Nitroaniline		ug/L	UJ	25
MW3	BD41823	SW8270	03/05/13	1	2-Nitrophenol		ug/L	UJ	5.0
MW3	BD41823	SW8270	03/05/13	1	Naphthalene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	2-Methylnaphthalene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	2-Chloronaphthalene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	3,3'-Dichlorobenzidine		ug/L	U	10
MW3	BD41823	SW8270	03/05/13	1	Benzidine		ug/L	UJ	10
MW3	BD41823	SW8270	03/05/13	1	2-Methylphenol (o-cresol)		ug/L	UJ	5.0
MW3	BD41823	SW8270	03/05/13	1	1,2-Dichlorobenzene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	2-Chlorophenol		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	2,4,5-Trichlorophenol		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Acetophenone		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	Nitrobenzene		ug/L	U	5.0
MW3	BD41823	SW8270	03/05/13	1	3-Nitroaniline		ug/L	UJ	25
MW3	BD41823	SW8270	03/05/13	1	3&4-Methylphenol (m&p-cresol)		ug/L	U	5.0
MW3	BD41823	SW8270C-SIM	03/04/13	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.6
MW3	BD41823	SW8270C-SIM	03/04/13	1	Hexachlorobenzene		ug/L	U	0.060
MW3	BD41823	SW8270C-SIM	03/04/13	1	Benzo(ghi)perylene		ug/L	U	0.10
MW3	BD41823	SW8270C-SIM	03/04/13	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.10
MW3	BD41823	SW8270C-SIM	03/04/13	1	Benzo(b)fluoranthene		ug/L	U	0.064
MW3	BD41823	SW8270C-SIM	03/04/13	1	Benzo(k)fluoranthene		ug/L	U	0.10
MW3	BD41823	SW8270C-SIM	03/04/13	1	Acenaphthylene		ug/L	U	0.10
MW3	BD41823	SW8270C-SIM	03/04/13	1	Chrysene		ug/L	U	0.10
MW3	BD41823	SW8270C-SIM	03/04/13	1	Benzo(a)pyrene		ug/L	U	0.10
MW3	BD41823	SW8270C-SIM	03/04/13	1	Dibenz(a,h)anthracene		ug/L	U	0.10
MW3	BD41823	SW8270C-SIM	03/04/13	1	Benz(a)anthracene		ug/L	U	0.040
MW3	BD41823	SW8270C-SIM	03/04/13	1	Hexachloroethane		ug/L	U	2.4
MW3	BD41823	SW8270C-SIM	03/04/13	1	Pentachloronitrobenzene		ug/L	U	0.10
MW3	BD41823	SW8270C-SIM	03/04/13	1	Phenanthrene		ug/L	U	0.10
MW3	BD41823	SW8270C-SIM	03/04/13	1	Pentachlorophenol		ug/L	UJ	0.80



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW3	BD41823	SW8270C-SIM	03/04/13	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	1.5
MW4	BD41824	SW6010	03/01/13	1.067	Aluminum (Dissolved)	0.04	mg/L	J	0.01
MW4	BD41824	SW6010	03/01/13	1.067	Iron, (Dissolved)	0.03	mg/L	J	0.01
MW4	BD41824	SW6010	03/01/13	1.067	Lead (Dissolved)		mg/L	U	0.002
MW4	BD41824	SW6010	03/01/13	1.067	Magnesium (Dissolved)	28.1	mg/L		0.01
MW4	BD41824	SW6010	03/01/13	1.067	Manganese, (Dissolved)	1.21	mg/L		0.005
MW4	BD41824	SW6010	03/01/13	1.067	Nickel, (Dissolved)	0.005	mg/L		0.004
MW4	BD41824	SW6010	03/01/13	1.067	Silver (Dissolved)		mg/L	U	0.005
MW4	BD41824	SW6010	03/01/13	1.067	Antimony (Dissolved)		mg/L	U	0.01
MW4	BD41824	SW6010	03/01/13	1.067	Arsenic, (Dissolved)		mg/L	U	0.003
MW4	BD41824	SW6010	03/01/13	1.067	Barium (Dissolved)	0.054	mg/L		0.011
MW4	BD41824	SW6010	03/01/13	1.067	Beryllium (Dissolved)		mg/L	U	0.001
MW4	BD41824	SW6010	03/01/13	1.067	Cadmium (Dissolved)		mg/L	U	0.004
MW4	BD41824	SW6010	03/01/13	1.067	Chromium (Dissolved)		mg/L	U	0.001
MW4	BD41824	SW6010	03/01/13	1.067	Cobalt, (Dissolved)	0.001	mg/L	J	0.005
MW4	BD41824	SW6010	03/01/13	1.067	Copper, (Dissolved)	0.000	mg/L	J	0.005
MW4	BD41824	SW6010	03/01/13	1.067	Vanadium, (Dissolved)		mg/L	U	0.01
MW4	BD41824	SW6010	03/01/13	1.067	Zinc, (Dissolved)		mg/L	U	0.011
MW4	BD41824	SW6010	03/01/13	1.067	Calcium (Dissolved)	81.6	mg/L		0.01
MW4	BD41824	SW6010	03/01/13	1.067	Selenium (Dissolved)		mg/L	U	0.02
MW4	BD41824	SW6010	03/01/13	10.67	Potassium (Dissolved)	4.7	mg/L		1.1
MW4	BD41824	SW6010	03/01/13	10.67	Sodium (Dissolved)	113	mg/L		1.1
MW4	BD41824	SW6010	03/04/13	1	Nickel	1.13	mg/L		0.004
MW4	BD41824	SW6010	03/04/13	1	Silver		mg/L	U	0.005
MW4	BD41824	SW6010	03/04/13	1	Antimony		mg/L	UJ	0.005
MW4	BD41824	SW6010	03/04/13	1	Arsenic - LDL	0.160	mg/L		0.004
MW4	BD41824	SW6010	03/04/13	1	Barium	4.58	mg/L		0.010
MW4	BD41824	SW6010	03/04/13	1	Cadmium	0.029	mg/L		0.004
MW4	BD41824	SW6010	03/04/13	1	Cobalt	0.495	mg/L		0.005
MW4	BD41824	SW6010	03/04/13	1	Copper	1.70	mg/L		0.005
MW4	BD41824	SW6010	03/04/13	1	Vanadium	1.42	mg/L		0.01
MW4	BD41824	SW6010	03/04/13	1	Zinc	1.76	mg/L		0.010
MW4	BD41824	SW6010	03/04/13	1	Selenium		mg/L	U	0.02
MW4	BD41824	SW6010	03/04/13	10	Lead	0.765	mg/L		0.020



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BD41824	SW6010	03/04/13	10	Magnesium	239	mg/L		0.10
MW4	BD41824	SW6010	03/04/13	10	Potassium	108	mg/L		1.0
MW4	BD41824	SW6010	03/04/13	10	Beryllium	0.043	mg/L		0.010
MW4	BD41824	SW6010	03/04/13	10	Chromium	2.16	mg/L		0.010
MW4	BD41824	SW6010	03/04/13	10	Calcium	161	mg/L		0.10
MW4	BD41824	SW6010	03/04/13	100	Aluminum	1070	mg/L		1.0
MW4	BD41824	SW6010	03/04/13	100	Iron	1590	mg/L		1.0
MW4	BD41824	SW6010	03/04/13	100	Manganese	54.8	mg/L		0.50
MW4	BD41824	SW6010	03/04/13	10	Sodium	118	mg/L		1.0
MW4	BD41824	SW7470	03/04/13	1	Mercury (Dissolved)		mg/L	U	0.0002
MW4	BD41824	SW7470	03/04/13	1	Mercury	0.0019	mg/L		0.0002
MW4	BD41824	SW8260	03/03/13	1	Ethylbenzene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Styrene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	cis-1,3-Dichloropropene		ug/L	UJ	1.0
MW4	BD41824	SW8260	03/03/13	1	trans-1,3-Dichloropropene		ug/L	UJ	1.0
MW4	BD41824	SW8260	03/03/13	1	n-Propylbenzene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	n-Butylbenzene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	4-Chlorotoluene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	1,4-Dichlorobenzene		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	1,2-Dibromoethane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Acrolein		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	1,2-Dichloroethane		ug/L	U	2.0
MW4	BD41824	SW8260	03/03/13	1	Acrylonitrile		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	4-Methyl-2-pentanone		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Bromobenzene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Toluene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Chlorobenzene		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	Tetrahydrofuran (THF)		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	trans-1,4-dichloro-2-butene		ug/L	UJ	1.0
MW4	BD41824	SW8260	03/03/13	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Dibromochloromethane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Tetrachloroethene	8.0	ug/L		1.0
MW4	BD41824	SW8260	03/03/13	1	sec-Butylbenzene		ug/L	U	1.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BD41824	SW8260	03/03/13	1	1,3-Dichloropropane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	cis-1,2-Dichloroethene	3.2	ug/L		1.0
MW4	BD41824	SW8260	03/03/13	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	m&p-Xylene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	2-Isopropyltoluene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	1,3-Dichlorobenzene		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	Carbon tetrachloride		ug/L	UJ	1.0
MW4	BD41824	SW8260	03/03/13	1	1,1-Dichloropropene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	2-Hexanone		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	2,2-Dichloropropane		ug/L	UJ	1.0
MW4	BD41824	SW8260	03/03/13	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Acetone	3.5	ug/L	UJ	5.0
MW4	BD41824	SW8260	03/03/13	1	Chloroform	2.1	ug/L	J	5.0
MW4	BD41824	SW8260	03/03/13	1	Benzene		ug/L	U	0.70
MW4	BD41824	SW8260	03/03/13	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	Bromomethane		ug/L	UJ	5.0
MW4	BD41824	SW8260	03/03/13	1	Chloromethane		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	Dibromomethane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Bromochloromethane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Chloroethane		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	Vinyl chloride		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Methylene chloride		ug/L	U	3.0
MW4	BD41824	SW8260	03/03/13	1	Carbon Disulfide	0.31	ug/L	J	1.0
MW4	BD41824	SW8260	03/03/13	1	Bromoform		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	Bromodichloromethane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	1,1-Dichloroethane		ug/L	U	5.0
MW4	BD41824	SW8260	03/03/13	1	1,1-Dichloroethene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Trichlorofluoromethane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Dichlorodifluoromethane		ug/L	UJ	1.0
MW4	BD41824	SW8260	03/03/13	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	1,2-Dichloropropane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Methyl ethyl ketone	0.73	ug/L	J	1.0
MW4	BD41824	SW8260	03/03/13	1	1,1,2-Trichloroethane		ug/L	U	1.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW4	BD41824	SW8260	03/03/13	1	Trichloroethene	5.3	ug/L		1.0
MW4	BD41824	SW8260	03/03/13	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Hexachlorobutadiene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Naphthalene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	o-Xylene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	2-Chlorotoluene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	1,2-Dibromo-3-chloropropane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	1,2,3-Trichloropropane		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	tert-Butylbenzene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	Isopropylbenzene		ug/L	U	1.0
MW4	BD41824	SW8260	03/03/13	1	p-Isopropyltoluene		ug/L	U	1.0
MW5	BD41825	SW6010	03/01/13	1.067	Aluminum (Dissolved)	0.07	mg/L	J	0.01
MW5	BD41825	SW6010	03/01/13	1.067	Antimony (Dissolved)		mg/L	U	0.01
MW5	BD41825	SW6010	03/01/13	1.067	Arsenic, (Dissolved)		mg/L	U	0.003
MW5	BD41825	SW6010	03/01/13	1.067	Barium (Dissolved)	0.034	mg/L		0.011
MW5	BD41825	SW6010	03/01/13	1.067	Beryllium (Dissolved)		mg/L	U	0.001
MW5	BD41825	SW6010	03/01/13	1.067	Cadmium (Dissolved)		mg/L	U	0.004
MW5	BD41825	SW6010	03/01/13	1.067	Calcium (Dissolved)	39.2	mg/L		0.01
MW5	BD41825	SW6010	03/01/13	1.067	Chromium (Dissolved)		mg/L	U	0.001
MW5	BD41825	SW6010	03/01/13	1.067	Cobalt, (Dissolved)	0.001	mg/L	J	0.005
MW5	BD41825	SW6010	03/01/13	1.067	Copper, (Dissolved)	0.001	mg/L	J	0.005
MW5	BD41825	SW6010	03/04/13	10	Aluminum	354	mg/L	J	0.10
MW5	BD41825	SW6010	03/05/13	1	Antimony		mg/L	UJ	0.005
MW5	BD41825	SW6010	03/05/13	1	Arsenic - LDL	0.054	mg/L	J	0.004
MW5	BD41825	SW6010	03/05/13	1	Barium	2.28	mg/L		0.010
MW5	BD41825	SW6010	03/04/13	1	Beryllium	0.019	mg/L	J	0.001
MW5	BD41825	SW6010	03/05/13	1	Cadmium		mg/L	UJ	0.004
MW5	BD41825	SW6010	03/04/13	1	Calcium	52.8	mg/L		0.010
MW5	BD41825	SW6010	03/04/13	1	Chromium	0.476	mg/L	J	0.001
MW5	BD41825	SW6010	03/05/13	1	Cobalt	0.177	mg/L	J	0.005
MW5	BD41825	SW6010	03/05/13	1	Copper	0.660	mg/L	J	0.005



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BD41825	SW6010	03/01/13	1.067	Iron, (Dissolved)	0.04	mg/L	J	0.01
MW5	BD41825	SW6010	03/04/13	10	Iron	428	mg/L	J	0.10
MW5	BD41825	SW6010	03/01/13	1.067	Lead (Dissolved)		mg/L	U	0.002
MW5	BD41825	SW6010	03/01/13	1.067	Magnesium (Dissolved)	15.2	mg/L		0.01
MW5	BD41825	SW6010	03/01/13	1.067	Manganese, (Dissolved)	1.38	mg/L		0.005
MW5	BD41825	SW7470	03/04/13	1	Mercury (Dissolved)		mg/L	U	0.0002
MW5	BD41825	SW6010	03/01/13	1.067	Nickel, (Dissolved)	0.006	mg/L		0.004
MW5	BD41825	SW6010	03/01/13	1.067	Potassium (Dissolved)	3.0	mg/L		0.1
MW5	BD41825	SW6010	03/01/13	1.067	Selenium (Dissolved)		mg/L	U	0.02
MW5	BD41825	SW6010	03/01/13	1.067	Silver (Dissolved)		mg/L	U	0.005
MW5	BD41825	SW6010	03/01/13	1.067	Sodium (Dissolved)	20.2	mg/L		0.11
MW5	BD41825	SW6010	03/01/13	1.067	Vanadium, (Dissolved)		mg/L	UJ	0.01
MW5	BD41825	SW6010	03/04/13	1	Lead	0.134	mg/L	J	0.002
MW5	BD41825	SW6010	03/04/13	1	Magnesium	53.5	mg/L	J	0.01
MW5	BD41825	SW6010	03/04/13	10	Manganese	15.1	mg/L	J	0.050
MW5	BD41825	SW7470	03/05/13	1	Mercury	0.0003	mg/L	J	0.0002
MW5	BD41825	SW6010	03/05/13	1	Nickel	0.466	mg/L	J	0.004
MW5	BD41825	SW6010	03/04/13	1	Potassium	24.4	mg/L	J	0.1
MW5	BD41825	SW6010	03/05/13	1	Selenium		mg/L	U	0.02
MW5	BD41825	SW6010	03/05/13	1	Silver		mg/L	U	0.005
MW5	BD41825	SW6010	03/04/13	1	Sodium	21.5	mg/L		0.1
MW5	BD41825	SW6010	03/05/13	1	Vanadium	0.67	mg/L	J	0.01
MW5	BD41825	SW6010	03/01/13	1.067	Zinc, (Dissolved)	0.004	mg/L	J	0.011
MW5	BD41825	SW6010	03/05/13	1	Zinc	0.668	mg/L	J	0.010
MW5	BD41825	SW8081	03/04/13	1	Heptachlor epoxide		ug/L	U	0.028
MW5	BD41825	SW8081	03/04/13	1	Endosulfan Sulfate		ug/L	U	0.056
MW5	BD41825	SW8081	03/04/13	1	Alachlor		ug/L	U	0.083
MW5	BD41825	SW8081	03/04/13	1	Aldrin		ug/L	U	0.002
MW5	BD41825	SW8081	03/04/13	1	a-BHC		ug/L	U	0.028
MW5	BD41825	SW8081	03/04/13	1	b-BHC		ug/L	U	0.006
MW5	BD41825	SW8081	03/04/13	1	d-BHC		ug/L	U	0.028
MW5	BD41825	SW8081	03/04/13	1	Endosulfan II		ug/L	U	0.056
MW5	BD41825	SW8081	03/04/13	1	4,4' -DDT		ug/L	U	0.056
MW5	BD41825	SW8081	03/04/13	1	a-chlordane		ug/L	U	0.028



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BD41825	SW8081	03/04/13	1	g-chlordane		ug/L	U	0.028
MW5	BD41825	SW8081	03/04/13	1	Endrin ketone		ug/L	U	0.056
MW5	BD41825	SW8081	03/04/13	1	Chlordane		ug/L	U	0.33
MW5	BD41825	SW8081	03/04/13	1	g-BHC (Lindane)		ug/L	U	0.028
MW5	BD41825	SW8081	03/04/13	1	Dieldrin	0.033	ug/L	J	0.002
MW5	BD41825	SW8081	03/04/13	1	Endrin		ug/L	U	0.056
MW5	BD41825	SW8081	03/04/13	1	Methoxychlor		ug/L	U	0.11
MW5	BD41825	SW8081	03/04/13	1	4,4' -DDD		ug/L	U	0.056
MW5	BD41825	SW8081	03/04/13	1	4,4' -DDE		ug/L	U	0.056
MW5	BD41825	SW8081	03/04/13	1	Endrin Aldehyde		ug/L	U	0.056
MW5	BD41825	SW8081	03/04/13	1	Heptachlor		ug/L	U	0.028
MW5	BD41825	SW8081	03/04/13	1	Toxaphene		ug/L	U	1.1
MW5	BD41825	SW8081	03/04/13	1	Endosulfan I		ug/L	U	0.056
MW5	BD41825	SW8082	03/14/13	1	PCB-1260		ug/L	U	0.056
MW5	BD41825	SW8082	03/14/13	1	PCB-1254		ug/L	U	0.056
MW5	BD41825	SW8082	03/14/13	1	PCB-1268		ug/L	U	0.056
MW5	BD41825	SW8082	03/14/13	1	PCB-1221		ug/L	U	0.056
MW5	BD41825	SW8082	03/14/13	1	PCB-1232		ug/L	U	0.056
MW5	BD41825	SW8082	03/14/13	1	PCB-1248		ug/L	U	0.056
MW5	BD41825	SW8082	03/14/13	1	PCB-1016		ug/L	U	0.056
MW5	BD41825	SW8082	03/14/13	1	PCB-1262		ug/L	U	0.056
MW5	BD41825	SW8082	03/14/13	1	PCB-1242		ug/L	U	0.056
MW5	BD41825	SW8260	03/03/13	1	Ethylbenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Styrene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	cis-1,3-Dichloropropene		ug/L	UJ	1.0
MW5	BD41825	SW8260	03/03/13	1	trans-1,3-Dichloropropene		ug/L	UJ	1.0
MW5	BD41825	SW8260	03/03/13	1	n-Propylbenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	n-Butylbenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	4-Chlorotoluene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,4-Dichlorobenzene		ug/L	U	5.0
MW5	BD41825	SW8260	03/03/13	1	1,2-Dibromoethane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Acrolein		ug/L	U	5.0
MW5	BD41825	SW8260	03/03/13	1	1,2-Dichloroethane		ug/L	U	2.0
MW5	BD41825	SW8260	03/03/13	1	Acrylonitrile		ug/L	U	5.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BD41825	SW8260	03/03/13	1	4-Methyl-2-pentanone		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Bromobenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Toluene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Chlorobenzene		ug/L	U	5.0
MW5	BD41825	SW8260	03/03/13	1	Tetrahydrofuran (THF)		ug/L	U	5.0
MW5	BD41825	SW8260	03/03/13	1	trans-1,4-dichloro-2-butene		ug/L	UJ	1.0
MW5	BD41825	SW8260	03/03/13	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Dibromochloromethane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Tetrachloroethene	15	ug/L		1.0
MW5	BD41825	SW8260	03/03/13	1	sec-Butylbenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,3-Dichloropropane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	cis-1,2-Dichloroethene	2.3	ug/L		1.0
MW5	BD41825	SW8260	03/03/13	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW5	BD41825	SW8260	03/03/13	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	m&p-Xylene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	2-Isopropyltoluene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,3-Dichlorobenzene		ug/L	U	5.0
MW5	BD41825	SW8260	03/03/13	1	Carbon tetrachloride		ug/L	UJ	1.0
MW5	BD41825	SW8260	03/03/13	1	1,1-Dichloropropene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	2-Hexanone		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	2,2-Dichloropropane		ug/L	UJ	1.0
MW5	BD41825	SW8260	03/03/13	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Acetone	0.94	ug/L	UJ	5.0
MW5	BD41825	SW8260	03/03/13	1	Chloroform	1.1	ug/L	J	5.0
MW5	BD41825	SW8260	03/03/13	1	Benzene		ug/L	U	0.70
MW5	BD41825	SW8260	03/03/13	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW5	BD41825	SW8260	03/03/13	1	Bromomethane	0.27	ug/L	J	5.0
MW5	BD41825	SW8260	03/03/13	1	Chloromethane		ug/L	U	5.0
MW5	BD41825	SW8260	03/03/13	1	Dibromomethane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Bromochloromethane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Chloroethane		ug/L	U	5.0
MW5	BD41825	SW8260	03/03/13	1	Vinyl chloride		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Methylene chloride		ug/L	U	3.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BD41825	SW8260	03/03/13	1	Carbon Disulfide		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Bromoform		ug/L	U	5.0
MW5	BD41825	SW8260	03/03/13	1	Bromodichloromethane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,1-Dichloroethane		ug/L	U	5.0
MW5	BD41825	SW8260	03/03/13	1	1,1-Dichloroethene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Trichlorofluoromethane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Dichlorodifluoromethane		ug/L	UJ	1.0
MW5	BD41825	SW8260	03/03/13	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,2-Dichloropropane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Methyl ethyl ketone		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Trichloroethene	9.4	ug/L		1.0
MW5	BD41825	SW8260	03/03/13	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Hexachlorobutadiene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Naphthalene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	o-Xylene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	2-Chlorotoluene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,2-Dibromo-3-chloropropane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	1,2,3-Trichloropropane		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	tert-Butylbenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	Isopropylbenzene		ug/L	U	1.0
MW5	BD41825	SW8260	03/03/13	1	p-Isopropyltoluene		ug/L	U	1.0
MW5	BD41825	SW8270	03/05/13	1	4-Nitroaniline		ug/L	UJ	28
MW5	BD41825	SW8270	03/05/13	1	4-Nitrophenol		ug/L	U	28
MW5	BD41825	SW8270	03/05/13	1	4-Bromophenyl phenyl ether		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	2,4-Dimethylphenol		ug/L	R	5.6
MW5	BD41825	SW8270	03/05/13	1	1,4-Dichlorobenzene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	4-Chloroaniline		ug/L	R	11
MW5	BD41825	SW8270	03/05/13	1	Phenol		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Pyridine		ug/L	R	11
MW5	BD41825	SW8270	03/05/13	1	Bis(2-chloroethyl)ether		ug/L	UJ	5.6



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BD41825	SW8270	03/05/13	1	Bis(2-chloroethoxy)methane		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Di-n-octylphthalate		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Anthracene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	1,2,4-Trichlorobenzene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	2,4-Dichlorophenol		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	2,4-Dinitrotoluene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	1,2-Diphenylhydrazine		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Pyrene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Dimethylphthalate		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Dibenzofuran		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Fluoranthene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Bis(2-chloroisopropyl)ether		ug/L	UJ	5.6
MW5	BD41825	SW8270	03/05/13	1	2,4-Dinitrophenol		ug/L	UJ	28
MW5	BD41825	SW8270	03/05/13	1	4,6-Dinitro-2-methylphenol		ug/L	UJ	28
MW5	BD41825	SW8270	03/05/13	1	1,3-Dichlorobenzene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	4-Chloro-3-methylphenol		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	2,6-Dinitrotoluene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	N-Nitrosodi-n-propylamine		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Aniline		ug/L	R	28
MW5	BD41825	SW8270	03/05/13	1	N-Nitrosodimethylamine		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Benzoic acid		ug/L	R	28
MW5	BD41825	SW8270	03/05/13	1	4-Chlorophenyl phenyl ether		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Hexachlorocyclopentadiene		ug/L	UJ	5.6
MW5	BD41825	SW8270	03/05/13	1	Isophorone		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Acenaphthene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Diethyl phthalate		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Di-n-butylphthalate		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Benzyl butyl phthalate		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	N-Nitrosodiphenylamine		ug/L	R	5.6
MW5	BD41825	SW8270	03/05/13	1	Fluorene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Carbazole		ug/L	UJ	28
MW5	BD41825	SW8270	03/05/13	1	Hexachlorobutadiene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	2,4,6-Trichlorophenol		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	2-Nitroaniline		ug/L	UJ	28



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW5	BD41825	SW8270	03/05/13	1	2-Nitrophenol		ug/L	UJ	5.6
MW5	BD41825	SW8270	03/05/13	1	Naphthalene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	2-Methylnaphthalene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	2-Chloronaphthalene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	3,3'-Dichlorobenzidine		ug/L	R	11
MW5	BD41825	SW8270	03/05/13	1	Benzidine		ug/L	R	11
MW5	BD41825	SW8270	03/05/13	1	2-Methylphenol (o-cresol)		ug/L	UJ	5.6
MW5	BD41825	SW8270	03/05/13	1	1,2-Dichlorobenzene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	2-Chlorophenol		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	2,4,5-Trichlorophenol		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Acetophenone		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	Nitrobenzene		ug/L	U	5.6
MW5	BD41825	SW8270	03/05/13	1	3-Nitroaniline		ug/L	UJ	28
MW5	BD41825	SW8270	03/05/13	1	3&4-Methylphenol (m&p-cresol)		ug/L	UJ	5.6
MW5	BD41825	SW8270C-SIM	03/04/13	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.8
MW5	BD41825	SW8270C-SIM	03/04/13	1	Hexachlorobenzene		ug/L	U	0.067
MW5	BD41825	SW8270C-SIM	03/04/13	1	Benzo(ghi)perylene		ug/L	U	0.11
MW5	BD41825	SW8270C-SIM	03/04/13	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.11
MW5	BD41825	SW8270C-SIM	03/04/13	1	Benzo(b)fluoranthene		ug/L	U	0.071
MW5	BD41825	SW8270C-SIM	03/04/13	1	Benzo(k)fluoranthene		ug/L	U	0.11
MW5	BD41825	SW8270C-SIM	03/04/13	1	Acenaphthylene		ug/L	U	0.11
MW5	BD41825	SW8270C-SIM	03/04/13	1	Chrysene		ug/L	U	0.11
MW5	BD41825	SW8270C-SIM	03/04/13	1	Benzo(a)pyrene		ug/L	U	0.11
MW5	BD41825	SW8270C-SIM	03/04/13	1	Dibenz(a,h)anthracene		ug/L	U	0.11
MW5	BD41825	SW8270C-SIM	03/04/13	1	Benz(a)anthracene		ug/L	U	0.044
MW5	BD41825	SW8270C-SIM	03/04/13	1	Hexachloroethane		ug/L	U	2.7
MW5	BD41825	SW8270C-SIM	03/04/13	1	Pentachloronitrobenzene		ug/L	U	0.11
MW5	BD41825	SW8270C-SIM	03/04/13	1	Phenanthrene		ug/L	U	0.11
MW5	BD41825	SW8270C-SIM	03/04/13	1	Pentachlorophenol		ug/L	UJ	0.89
MW5	BD41825	SW8270C-SIM	03/04/13	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	1.7
MW6	BD41826	SW6010	03/01/13	1.067	Aluminum (Dissolved)	1.46	mg/L	J	0.01
MW6	BD41826	SW6010	03/01/13	1.067	Iron, (Dissolved)	1.55	mg/L	J	0.01
MW6	BD41826	SW6010	03/01/13	1.067	Lead (Dissolved)		mg/L	U	0.002
MW6	BD41826	SW6010	03/01/13	1.067	Magnesium (Dissolved)	11.8	mg/L		0.01



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW6	BD41826	SW6010	03/01/13	1.067	Nickel, (Dissolved)	0.020	mg/L		0.004
MW6	BD41826	SW6010	03/01/13	1.067	Silver (Dissolved)		mg/L	U	0.005
MW6	BD41826	SW6010	03/01/13	1.067	Antimony (Dissolved)		mg/L	U	0.01
MW6	BD41826	SW6010	03/01/13	1.067	Arsenic, (Dissolved)		mg/L	U	0.003
MW6	BD41826	SW6010	03/01/13	1.067	Barium (Dissolved)	0.043	mg/L		0.011
MW6	BD41826	SW6010	03/01/13	1.067	Beryllium (Dissolved)		mg/L	U	0.001
MW6	BD41826	SW6010	03/01/13	1.067	Cadmium (Dissolved)		mg/L	U	0.004
MW6	BD41826	SW6010	03/01/13	1.067	Chromium (Dissolved)	0.002	mg/L		0.001
MW6	BD41826	SW6010	03/01/13	1.067	Cobalt, (Dissolved)	0.002	mg/L	J	0.005
MW6	BD41826	SW6010	03/01/13	1.067	Copper, (Dissolved)	0.003	mg/L	J	0.005
MW6	BD41826	SW6010	03/01/13	1.067	Vanadium, (Dissolved)	0.00	mg/L	J	0.01
MW6	BD41826	SW6010	03/01/13	1.067	Zinc, (Dissolved)	0.006	mg/L	J	0.011
MW6	BD41826	SW6010	03/01/13	1.067	Calcium (Dissolved)	35.5	mg/L		0.01
MW6	BD41826	SW6010	03/01/13	1.067	Selenium (Dissolved)		mg/L	U	0.02
MW6	BD41826	SW6010	03/01/13	10.67	Manganese, (Dissolved)	3.10	mg/L		0.053
MW6	BD41826	SW6010	03/01/13	10.67	Potassium (Dissolved)	8.0	mg/L		1.1
MW6	BD41826	SW6010	03/01/13	10.67	Sodium (Dissolved)	13.8	mg/L		1.1
MW6	BD41826	SW6010	03/04/13	1	Iron	112	mg/L		0.01
MW6	BD41826	SW6010	03/04/13	1	Lead	0.096	mg/L		0.002
MW6	BD41826	SW6010	03/04/13	1	Magnesium	29.4	mg/L		0.01
MW6	BD41826	SW6010	03/04/13	1	Nickel	0.222	mg/L		0.004
MW6	BD41826	SW6010	03/04/13	1	Potassium	18.2	mg/L		0.1
MW6	BD41826	SW6010	03/04/13	1	Silver		mg/L	U	0.005
MW6	BD41826	SW6010	03/04/13	1	Antimony		mg/L	UJ	0.005
MW6	BD41826	SW6010	03/04/13	1	Arsenic - LDL	0.013	mg/L		0.004
MW6	BD41826	SW6010	03/04/13	1	Barium	1.10	mg/L		0.010
MW6	BD41826	SW6010	03/04/13	1	Beryllium	0.004	mg/L		0.001
MW6	BD41826	SW6010	03/04/13	1	Cadmium	0.004	mg/L		0.004
MW6	BD41826	SW6010	03/04/13	1	Chromium	0.203	mg/L		0.001
MW6	BD41826	SW6010	03/04/13	1	Cobalt	0.080	mg/L		0.005
MW6	BD41826	SW6010	03/04/13	1	Copper	0.294	mg/L		0.005
MW6	BD41826	SW6010	03/04/13	1	Vanadium	0.13	mg/L		0.01
MW6	BD41826	SW6010	03/04/13	1	Zinc	0.234	mg/L		0.010
MW6	BD41826	SW6010	03/04/13	1	Calcium	42.8	mg/L		0.010



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW6	BD41826	SW6010	03/04/13	1	Selenium		mg/L	U	0.02
MW6	BD41826	SW6010	03/04/13	10	Aluminum	55.4	mg/L		0.10
MW6	BD41826	SW6010	03/04/13	100	Manganese	21.9	mg/L		0.50
MW6	BD41826	SW6010	03/04/13	1	Sodium	16.5	mg/L		0.1
MW6	BD41826	SW7470	03/04/13	1	Mercury (Dissolved)		mg/L	U	0.0002
MW6	BD41826	SW7470	03/04/13	1	Mercury		mg/L	U	0.0002
MW6	BD41826	SW8081	03/04/13	1	Heptachlor epoxide		ug/L	U	0.027
MW6	BD41826	SW8081	03/04/13	1	Endosulfan Sulfate		ug/L	U	0.055
MW6	BD41826	SW8081	03/04/13	1	Alachlor		ug/L	U	0.082
MW6	BD41826	SW8081	03/04/13	1	Aldrin		ug/L	U	0.002
MW6	BD41826	SW8081	03/04/13	1	a-BHC		ug/L	U	0.027
MW6	BD41826	SW8081	03/04/13	1	b-BHC		ug/L	U	0.006
MW6	BD41826	SW8081	03/04/13	1	d-BHC		ug/L	U	0.027
MW6	BD41826	SW8081	03/04/13	1	Endosulfan II		ug/L	U	0.055
MW6	BD41826	SW8081	03/04/13	1	4,4' -DDT		ug/L	U	0.055
MW6	BD41826	SW8081	03/04/13	1	a-chlordane		ug/L	U	0.027
MW6	BD41826	SW8081	03/04/13	1	g-chlordane		ug/L	U	0.027
MW6	BD41826	SW8081	03/04/13	1	Endrin ketone		ug/L	U	0.055
MW6	BD41826	SW8081	03/04/13	1	Chlordane		ug/L	U	0.33
MW6	BD41826	SW8081	03/04/13	1	g-BHC (Lindane)		ug/L	U	0.027
MW6	BD41826	SW8081	03/04/13	1	Dieldrin	0.006	ug/L		0.002
MW6	BD41826	SW8081	03/04/13	1	Endrin		ug/L	U	0.055
MW6	BD41826	SW8081	03/04/13	1	Methoxychlor		ug/L	U	0.11
MW6	BD41826	SW8081	03/04/13	1	4,4' -DDD		ug/L	U	0.055
MW6	BD41826	SW8081	03/04/13	1	4,4' -DDE		ug/L	U	0.055
MW6	BD41826	SW8081	03/04/13	1	Endrin Aldehyde		ug/L	U	0.055
MW6	BD41826	SW8081	03/04/13	1	Heptachlor		ug/L	U	0.027
MW6	BD41826	SW8081	03/04/13	1	Toxaphene		ug/L	U	1.1
MW6	BD41826	SW8081	03/04/13	1	Endosulfan I		ug/L	U	0.055
MW6	BD41826	SW8082	03/14/13	1	PCB-1260		ug/L	U	0.055
MW6	BD41826	SW8082	03/14/13	1	PCB-1254		ug/L	U	0.055
MW6	BD41826	SW8082	03/14/13	1	PCB-1268		ug/L	U	0.055
MW6	BD41826	SW8082	03/14/13	1	PCB-1221		ug/L	U	0.055
MW6	BD41826	SW8082	03/14/13	1	PCB-1232		ug/L	U	0.055



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW6	BD41826	SW8082	03/14/13	1	PCB-1248		ug/L	U	0.055
MW6	BD41826	SW8082	03/14/13	1	PCB-1016		ug/L	U	0.055
MW6	BD41826	SW8082	03/14/13	1	PCB-1262		ug/L	U	0.055
MW6	BD41826	SW8082	03/14/13	1	PCB-1242		ug/L	U	0.055
MW6	BD41826	SW8260	03/03/13	1	Ethylbenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Styrene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	cis-1,3-Dichloropropene		ug/L	UJ	1.0
MW6	BD41826	SW8260	03/03/13	1	trans-1,3-Dichloropropene		ug/L	UJ	1.0
MW6	BD41826	SW8260	03/03/13	1	n-Propylbenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	n-Butylbenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	4-Chlorotoluene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	1,4-Dichlorobenzene		ug/L	U	5.0
MW6	BD41826	SW8260	03/03/13	1	1,2-Dibromoethane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Acrolein		ug/L	U	5.0
MW6	BD41826	SW8260	03/03/13	1	1,2-Dichloroethane		ug/L	U	2.0
MW6	BD41826	SW8260	03/03/13	1	Acrylonitrile		ug/L	U	5.0
MW6	BD41826	SW8260	03/03/13	1	4-Methyl-2-pentanone		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	1,3,5-Trimethylbenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Bromobenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Toluene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Chlorobenzene		ug/L	U	5.0
MW6	BD41826	SW8260	03/03/13	1	Tetrahydrofuran (THF)		ug/L	U	5.0
MW6	BD41826	SW8260	03/03/13	1	trans-1,4-dichloro-2-butene		ug/L	UJ	1.0
MW6	BD41826	SW8260	03/03/13	1	1,2,4-Trichlorobenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Dibromochloromethane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Tetrachloroethene	6.7	ug/L		1.0
MW6	BD41826	SW8260	03/03/13	1	sec-Butylbenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	1,3-Dichloropropane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	cis-1,2-Dichloroethene	0.82	ug/L	J	1.0
MW6	BD41826	SW8260	03/03/13	1	trans-1,2-Dichloroethene		ug/L	U	5.0
MW6	BD41826	SW8260	03/03/13	1	Methyl t-butyl ether (MTBE)		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	m&p-Xylene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	2-Isopropyltoluene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	1,3-Dichlorobenzene		ug/L	U	5.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW6	BD41826	SW8260	03/03/13	1	Carbon tetrachloride		ug/L	UJ	1.0
MW6	BD41826	SW8260	03/03/13	1	1,1-Dichloropropene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	2-Hexanone		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	2,2-Dichloropropane		ug/L	UJ	1.0
MW6	BD41826	SW8260	03/03/13	1	1,1,1,2-Tetrachloroethane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Acetone	1.2	ug/L	UJ	5.0
MW6	BD41826	SW8260	03/03/13	1	Chloroform	0.53	ug/L	J	5.0
MW6	BD41826	SW8260	03/03/13	1	Benzene		ug/L	U	0.70
MW6	BD41826	SW8260	03/03/13	1	1,1,1-Trichloroethane		ug/L	U	5.0
MW6	BD41826	SW8260	03/03/13	1	Bromomethane		ug/L	UJ	5.0
MW6	BD41826	SW8260	03/03/13	1	Chloromethane		ug/L	U	5.0
MW6	BD41826	SW8260	03/03/13	1	Dibromomethane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Bromochloromethane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Chloroethane		ug/L	U	5.0
MW6	BD41826	SW8260	03/03/13	1	Vinyl chloride		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Methylene chloride		ug/L	U	3.0
MW6	BD41826	SW8260	03/03/13	1	Carbon Disulfide		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Bromoform		ug/L	U	5.0
MW6	BD41826	SW8260	03/03/13	1	Bromodichloromethane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	1,1-Dichloroethane		ug/L	U	5.0
MW6	BD41826	SW8260	03/03/13	1	1,1-Dichloroethene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Trichlorofluoromethane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Dichlorodifluoromethane		ug/L	UJ	1.0
MW6	BD41826	SW8260	03/03/13	1	Trichlorotrifluoroethane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	1,2-Dichloropropane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Methyl ethyl ketone		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	1,1,2-Trichloroethane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Trichloroethene	6.1	ug/L		1.0
MW6	BD41826	SW8260	03/03/13	1	1,1,2,2-Tetrachloroethane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	1,2,3-Trichlorobenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Hexachlorobutadiene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Naphthalene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	o-Xylene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	2-Chlorotoluene		ug/L	U	1.0



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW6	BD41826	SW8260	03/03/13	1	1,2-Dichlorobenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	1,2,4-Trimethylbenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	1,2-Dibromo-3-chloropropane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	1,2,3-Trichloropropane		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	tert-Butylbenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	Isopropylbenzene		ug/L	U	1.0
MW6	BD41826	SW8260	03/03/13	1	p-Isopropyltoluene		ug/L	U	1.0
MW6	BD41826	SW8270	03/07/13	1	4-Nitroaniline		ug/L	U	28
MW6	BD41826	SW8270	03/07/13	1	4-Nitrophenol		ug/L	UJ	28
MW6	BD41826	SW8270	03/07/13	1	4-Bromophenyl phenyl ether		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	2,4-Dimethylphenol		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	1,4-Dichlorobenzene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	4-Chloroaniline		ug/L	R	11
MW6	BD41826	SW8270	03/07/13	1	Phenol		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	Pyridine		ug/L	R	11
MW6	BD41826	SW8270	03/07/13	1	Bis(2-chloroethyl)ether		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Bis(2-chloroethoxy)methane		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Di-n-octylphthalate		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Anthracene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	1,2,4-Trichlorobenzene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	2,4-Dichlorophenol		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	2,4-Dinitrotoluene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	1,2-Diphenylhydrazine		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Pyrene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Dimethylphthalate		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Dibenzofuran		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Fluoranthene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Bis(2-chloroisopropyl)ether		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	2,4-Dinitrophenol		ug/L	UJ	28
MW6	BD41826	SW8270	03/07/13	1	4,6-Dinitro-2-methylphenol		ug/L	UJ	28
MW6	BD41826	SW8270	03/07/13	1	1,3-Dichlorobenzene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	4-Chloro-3-methylphenol		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	2,6-Dinitrotoluene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	N-Nitrosodi-n-propylamine		ug/L	UJ	5.6



**871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823**

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW6	BD41826	SW8270	03/07/13	1	Aniline		ug/L	R	28
MW6	BD41826	SW8270	03/07/13	1	N-Nitrosodimethylamine		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	Benzoic acid		ug/L	R	28
MW6	BD41826	SW8270	03/07/13	1	4-Chlorophenyl phenyl ether		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Hexachlorocyclopentadiene		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	Isophorone		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Acenaphthene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Diethyl phthalate		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Di-n-butylphthalate		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Benzyl butyl phthalate		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	N-Nitrosodiphenylamine		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	Fluorene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Carbazole		ug/L	UJ	28
MW6	BD41826	SW8270	03/07/13	1	Hexachlorobutadiene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	2,4,6-Trichlorophenol		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	2-Nitroaniline		ug/L	U	28
MW6	BD41826	SW8270	03/07/13	1	2-Nitrophenol		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	Naphthalene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	2-Methylnaphthalene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	2-Chloronaphthalene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	3,3'-Dichlorobenzidine		ug/L	UJ	11
MW6	BD41826	SW8270	03/07/13	1	Benzidine		ug/L	UJ	11
MW6	BD41826	SW8270	03/07/13	1	2-Methylphenol (o-cresol)		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	1,2-Dichlorobenzene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	2-Chlorophenol		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	2,4,5-Trichlorophenol		ug/L	UJ	5.6
MW6	BD41826	SW8270	03/07/13	1	Acetophenone		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	Nitrobenzene		ug/L	U	5.6
MW6	BD41826	SW8270	03/07/13	1	3-Nitroaniline		ug/L	U	28
MW6	BD41826	SW8270	03/07/13	1	3&4-Methylphenol (m&p-cresol)		ug/L	UJ	5.6
MW6	BD41826	SW8270C-SIM	03/04/13	1	Bis(2-ethylhexyl)phthalate		ug/L	UJ	1.8
MW6	BD41826	SW8270C-SIM	03/04/13	1	Hexachlorobenzene		ug/L	U	0.067
MW6	BD41826	SW8270C-SIM	03/04/13	1	Benzo(ghi)perylene		ug/L	U	0.11
MW6	BD41826	SW8270C-SIM	03/04/13	1	Indeno(1,2,3-cd)pyrene		ug/L	U	0.11



871 GRAND STREET
BROOKLYN, NY
DATA SUMMARY TABLE
GROUNDWATER
SDG: GBD41823

Sample Name	Lab ID	Analytical Method	Analysis Date	Dilution Factor	Analyte	Result	Unit	Qualifier	RL
MW6	BD41826	SW8270C-SIM	03/04/13	1	Benzo(b)fluoranthene		ug/L	U	0.071
MW6	BD41826	SW8270C-SIM	03/04/13	1	Benzo(k)fluoranthene		ug/L	U	0.11
MW6	BD41826	SW8270C-SIM	03/04/13	1	Acenaphthylene		ug/L	U	0.11
MW6	BD41826	SW8270C-SIM	03/04/13	1	Chrysene		ug/L	U	0.11
MW6	BD41826	SW8270C-SIM	03/04/13	1	Benzo(a)pyrene		ug/L	U	0.11
MW6	BD41826	SW8270C-SIM	03/04/13	1	Dibenz(a,h)anthracene		ug/L	U	0.11
MW6	BD41826	SW8270C-SIM	03/04/13	1	Benz(a)anthracene		ug/L	U	0.044
MW6	BD41826	SW8270C-SIM	03/04/13	1	Hexachloroethane		ug/L	U	2.7
MW6	BD41826	SW8270C-SIM	03/04/13	1	Pentachloronitrobenzene		ug/L	U	0.11
MW6	BD41826	SW8270C-SIM	03/04/13	1	Phenanthrene	0.12	ug/L		0.11
MW6	BD41826	SW8270C-SIM	03/04/13	1	Pentachlorophenol		ug/L	UJ	0.89
MW6	BD41826	SW8270C-SIM	03/04/13	1	1,2,4,5-Tetrachlorobenzene		ug/L	U	1.7