

PHASE II **SUBSURFACE INVESTIGATION REPORT**

JULY 2012

EBC Project No: TAG1101

871 Grand Street, Brooklyn, NY 11211
Block 2922 – Lot 41



Prepared for:

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1.0 INTRODUCTION

Environmental Business Consultants (EBC) has prepared the following Supplemental Subsurface Investigation Report for the subject property located at 871 Grand Street, Brooklyn, NY 11211. The work was conducted on behalf of 871 Grand Street, LLC. The soil gas, groundwater and soil sampling was performed in accordance with the sampling requirements typically requested by the New York City Office of Environmental Remediation. The subject site (Block 2922, Lot 41) is listed as having both a HAZMAT and Noise little "E" restriction. The E-designation (E-232) is for Window Wall Attenuation and Alternate Ventilation (Noise-E) and Hazardous Materials* Phase I and Phase II Testing Protocol (Hazmat-E) as part of the Wallabout Rezoning Conditional Negative Declaration (CEQR No. 09DCP056K). An E-designation does not interfere with the present use of the site, however E-designations do prevent the release of building permits subject to a detailed environmental review and release by the NYC Office of Environmental Remediation. Such release may 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.

1.1 Site Location and Description

The street address for the subject site is 871 Grand Street Avenue, Brooklyn, New York 11211 (**Figure 1**). The subject property is located in the City of New York and Borough of Brooklyn (Kings County). The subject site is listed as Block 2922, Lot 41 by the City of New York. The lot is located on the north side of Grand Street between Olive Street and Bushwick Avenue. Lot 41 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.

According to the deed and the Automated City Registration Information System (ACRIS) website, the current owner of the lot is 871 Grand Street, LLC.

1.2 Previous Reports

1.2.1 Phase I Environmental Site Assessment Report

A Phase I Environmental Site Assessment (ESA) report was prepared by Environmental Business Consultants (EBC) in November of 2011. EBC found no recognized environmental conditions in association with the subject site. EBC did note that the area has been designated with an "E" on the zoning maps of the City of New York for potential hazardous material contamination and noise level (CEQR No. 09DCP056K). EBC recommended performing a Phase II Subsurface Investigation Report in order to satisfy The E-designation Environmental Review Program administered by the New York City Mayor's Office of Environmental Remediation (MOER).

1.3 Redevelopment Plan

Redevelopment plans have not been finalized. However, the property owner intends to construct a new multi-family residential building with a full basement.

2.0 SUBSURFACE INVESTIGATION

2.1 Initial Soil Sampling

On January 31, 2012 a total of three soil borings (B1-B3) were performed in the approximate locations shown on **Figure 2**. The three soil boring locations were chosen to gain representative soil quality information across the site. Soil boring B1 was performed in the front portion of the building, B2 was performed in the approximate center of the building and B3 was performed in the rear portion of the building.

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 a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. Soil recovered from each of the soil 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 of the soil borings. Subsurface soil at the site consisted of a thin layer of urban fill, which was primarily comprised of brick, concrete, wood and other debris in a brown silty sand matrix, followed by a brown sandy silt with trace amounts of gravel. Drill logs are provided in **Appendix A**.

In accordance with NYC OER sampling requirements, EBC retained two soil samples from each soil boring. The soil samples were retained from the intervals 0 to 2 feet below grade and 12 to 14 feet below grade.

Each of the soil samples was collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). The soil samples were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs-BN) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and target analyte list (TAL) metals. A copy of the laboratory analytical report is included in **Appendix B**.

2.1.1 Soil Results

Soil sample results are summarized and compared to the NYSDEC Part 375.6 Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) and Restricted Residential Soil Cleanup Objectives in **Tables 1** through **4**. Compounds that were detected above Unrestricted Use and Restricted Residential SCOs listed next to each soil boring on **Figure 3**.

VOCs

Several chlorinated volatile organic compounds (CVOCs) were detected within the shallow soil sample retained from soil boring B1 (B1 0-2). The only Restricted Residential SCO exceedence within soil sample B1(0-2) was trichloroethylene, which was detected at a concentration of 110,000 ppb. Unrestricted Use SCO exceedences included 1,2-dichlorobenzene (20,000 ppb), 1,3-dichlorobenzene (7,800 ppb), 1,4-dichlorobenzene (8,400 ppb), cis-1,2-dichloroethene (27,000 ppb) and tetrachloroethene (4,000 ppb).

No VOCs were detected within either of the soil samples retained from soil borings B2 and B3 at a concentration above Unrestricted Use SCOs, but low concentrations of cis-1,2-dichloroethene and trichloroethylene were detected within both of the shallow soil samples retained from soil borings B2 and B3.

SVOCs

Numerous SVOCs were detected within the shallow soil sample B1(0-2), but only pentachlorophenol (930 ppb) was detected at a concentration above Unrestricted Use SCOs. Several SVOCs were also detected within soil sample B3(0-2) at a concentration above Unrestricted Use and/or Restricted Residential SCOs, but the concentrations and type of compounds (PAHs) were within the range typically reported within Urban Fill throughout NYC. The concentrations do not indicate a spill or release has occurred.

Metals

Several metals were detected within soil sample B1(0-2) at a concentration above Unrestricted Use SCOs including arsenic (15.5 mg/kg), copper (71.2 mg/kg), mercury (0.52 mg/kg), lead (395 mg/kg), and zinc (198 mg/kg).

Mercury (8.84 mg/kg) was detected at a concentration above Restricted Residential SCOs within soil sample B3(0-2) and lead (197 mg/kg) was detected at a concentration above Unrestricted Use SCOs within the same soil sample.

No metals were detected at a concentration above Unrestricted Use SCOs within the deep soil samples retained from soil borings B1 and B2, but chromium (31.2 mg/kg) was detected at a concentration above Unrestricted Use SCOs within soil sample B3(12-14).

Pesticides/PCBs

Several pesticides were detected within shallow soil sample B1(0-2) above Unrestricted Use and/or Restricted Residential SCOs. 4,4,4-DDE (1,900 ppb) and 4,4,4-DDT (1,400 ppb) were both detected above Unrestricted Use SCOs and 4,4,4-DDD (29,000 ppb), chlordane (47,000 ppb) and dieldrin (14,000 ppb) were detected above Restricted Residential SCOs. Chlordane (480 ppb) and dieldrin (12 ppb) were also detected within shallow soil sample B3(0-2) at a concentration above Unrestricted Use SCOs. No pesticides or PCBs were detected within the shallow soil sample retained from soil boring B2, or within any of the three deep soil samples collected at the site.

2.2 Groundwater Sampling

On January 31, 2012, EBC installed two temporary one-inch diameter PVC monitoring wells in the same locations as soil borings B1 (GW1) and B3 (GW3). Each monitoring well was installed at a depth of approximately 5-feet below the water table interface, which was determined to be approximately 35 feet below grade in the field. A groundwater sample was collected from each monitoring well utilizing disposable polyethylene tubing and a stainless steel check valve. The groundwater samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix for analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and TAL metals.

2.2.1 Groundwater Sampling Results

Groundwater results were compared to the New York State Ambient Water Quality Standards and Guidance Values (6 NYCRR Part 703) as presented in the Technical & Operational Guidance Series (TOGS) 1.1.1 (1998). Analytical data for the groundwater samples are summarized in **Table 5** (VOCs), **Table 6** (SVOCs), **Table 7** (Pesticides & PCBs) and **Table 8** (metals). A copy of the laboratory analytical report is provided in **Appendix B**.

VOCs

Several CVOCs were detected within both groundwater samples. Cis-1,2-dichloroethene was detected within both groundwater samples at a concentration below groundwater standards and chloroform was detected within B1 at a concentration below the groundwater standard. The CVOC tetrachloroethylene was detected within GW1 at a concentration of 20 ppb and GW3 at 14 ppb, which is above the NYSDEC groundwater quality standard of 5 ppb. Trichloroethylene (8.1 ppb) was also detected within GW3 at a concentration above the NYSDEC groundwater quality standard of 5 ppb.

SVOCs

No SVOCs were detected within either groundwater sample at a concentration above NYSDEC groundwater quality standards.

Metals

Both groundwater samples were submitted for laboratory analysis of TAL metals. The dissolved concentration of each metal was not analyzed. The total concentration of the metals barium, beryllium, chromium, copper, iron, magnesium, manganese, sodium, nickel and lead were detected at a concentration above NYSDEC groundwater quality standards within both groundwater samples, with the exception of barium and magnesium which were only detected within GW1 at concentration above NYSDEC groundwater quality standards.

Pesticides/PCBs

No pesticides or PCBs were reported above groundwater standards in either groundwater sample, with the exception of dieldrin (0.1 ppb) which was detected in GW1.

2.3 Soil Gas Sampling

To evaluate VOCs in soil gas beneath the subject site building, two soil gas samples were collected from two soil vapor implants (SG1, SG2) installed at a depth of approximately 14 feet below grade. The location of each of the implants is shown on **Figure 2**. SG1 was installed in the front half of the building and SG2 was installed in the rear half of the building. The vapor implants that were installed were the Geoprobe™ Model AT86 series, which are constructed of a 6-inch length of double woven stainless steel wire. Each implant was attached to ¼ inch polyethylene tubing which extended approximately 18 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.

2.3.1 Surface Seal Test Procedure

Sub-slab soil gas sampling was performed on February 14, 2012, after each sampling location was tested to ensure a proper surface seal that been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), 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. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 foot square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested 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) for a minimum of 15 minutes. The tracer gas test procedure was employed at both soil gas sampling locations. No surface seal leaks were observed at any of the locations.

2.3.2 Sample Collection

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of the vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field note book. Sampling then proceeded by fully opening the flow control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field book and on the sample tag. When the vacuum level in the canister was between 5 and 8 inches of mercury (approx 2 hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag. Following the two hour sampling time period, it was determined that one of the soil vapor implants (SG2) did not draw a sample. The final vacuum recorded on the flow controller remained at 30 inches of mercury. EBC was unable to determine if the flow controller malfunctioned or if the soil vapor implant or tubing was kinked or broken. Therefore, on February 27, 2012, vapor implant SG2 was replaced. The surface seal test was repeated and the sample recollected on March 2, 2012.

The soil gas samples were submitted to Phoenix, a NYS Certified Environmental Laboratory (Certification No.11301) for laboratory analysis of VOCs EPA Method TO-15.

2.3.3 Soil Gas Results

The laboratory results are summarized and compared to the guidance values presented within Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH, October 2006) and New York State Department of Health Guidance for Evaluating Soil Vapor Intrusion in the State of New York, (NYSDOH, February 2005) in **Table 9**. A copy of the laboratory report is attached in **Appendix B**.

Tetrachloroethylene (PCE) was detected within SG1 at a concentration of 274 $\mu\text{g}/\text{m}^3$ and trichloroethylene (TCE) was detected within the same soil vapor sample at a concentration of 2,510 $\mu\text{g}/\text{m}^3$. PCE (10.6 $\mu\text{g}/\text{m}^3$) and TCE (639 $\mu\text{g}/\text{m}^3$) were also detected within SG2, but at lower concentrations. Elevated concentrations of several other CVOCs were detected within SG1 at an elevated concentration, including 1,1,1-trichloroethane (81.8 $\mu\text{g}/\text{m}^3$), cis-1,2-dichloroethene (3,830

$\mu\text{g}/\text{m}^3$), and trans-1,2-dichloroethene ($81.8 \mu\text{g}/\text{m}^3$). No other significant concentration of VOCs were detected within the two soil gas samples.

2.4 Supplemental Soil Sampling

Due to elevated concentration of CVOCs (TCE, PCE) detected within the shallow soil sample retained from soil boring SB1, three additional soil borings (SB4, SB5 and SB6) were performed on February 27, 2012, in the front portion of the building to determine the horizontal and vertical extent of contamination. The location of each of the additional soil borings is shown on Figure 2.

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 a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. Soil recovered from each of the soil 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 the of soil borings. Drill logs are provided in **Appendix A**. EBC retained three soil samples from each soil boring. The soil samples were retained from the intervals 0 to 2 feet, 5 to 7 feet and 13 to 15 feet below grade.

Each of the soil samples was collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to **Phoenix**. The soil samples were analyzed for the presence of VOCs by EPA Method 8260. A copy of the laboratory analytical report is included in **Appendix B**.

2.4.1 Soil Results

Soil sample results are summarized and compared to the NYSDEC Part 375.6 Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) and Restricted Residential Soil Cleanup Objectives in **Table 1**. Compounds that were detected above Unrestricted Use and Restricted Residential SCOs listed next to each soil boring on **Figure 3**.

The only Unrestricted Use SCO exceedence was detected within shallow soil sample B4(0-2), which contained TCE at a concentration of 1,000 ppb. Additional CVOC detections below Unrestricted Use SCOs include TCE was detected within soil samples B5(0-2) (310 ppb), B5(5-7) (9.9 ppb), and B6(0-2) (41 ppb); PCE within B4(0-2) at a 16 ppb; and cis-1,2-dichloroethene within all the three shallow soil samples ranging in concentration from 6.3 to 39 ppb.

3.0 CONCLUSIONS

Based on the soil sample results, a 2 to 5 foot layer of CVOC contaminated soil is present in the front portion of the building immediately beneath the concrete slab on grade. The CVOCs include PCE, TCE, 1,2-DCE, ODCB, mDCP, and pDCP. 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 ppb and TCE was detected at 110,000 ppb. Much 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 NYSDEC Part 375.6 Unrestricted Use SCO exceedence noted within the three delineation borings was TCE which was detected at a concentration of 1,000 ppb in boring B4 at the 0-2 foot interval. No CVOCs were detected in deeper samples from the B1 (12-14') and B4 (5-7', 13-15'), which indicates the spill/release is limited to shallow soils below the slab.

The laboratory results of the two soil gas samples collected at the Site noted the same CVOC compounds. TCE was detected at 2,510 $\mu\text{g}/\text{m}^3$ in SG1 and 639 $\mu\text{g}/\text{m}^3$ in SG2, and PCE was detected at 274 $\mu\text{g}/\text{m}^3$ in SG1. Elevated concentrations of several other CVOCs were also reported within SG1.

Both PCE and TCE were detected within both groundwater samples collected at the Site. PCE was detected 20 $\mu\text{g}/\text{L}$ in GW1 and 14 $\mu\text{g}/\text{L}$ in GW3 and TCE was detected 3.0 $\mu\text{g}/\text{L}$ in GW1 and 8.1 $\mu\text{g}/\text{L}$ in GW3.

4.0 REFERENCES

6 NYCRR Part 375 Environmental Remediation Programs Subparts 375-6

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

Phase I Environmental Site Assessment. Environmental Business Consultants. November 2011.

TABLES

TABLE 1
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*	B1			B2		B3		B4			B5			B6		
			(0-2') µg/Kg	(12-14') µg/Kg	(12-14 Dup) µg/Kg	(0-2') µg/Kg	(12-14') µg/Kg	(0-2') µg/Kg	(12-14') µg/Kg	(0-2') µg/Kg	(5-7') µg/Kg	(13-15') µg/Kg	(0-2') µg/Kg	(5-7') µg/Kg	(13-15') µg/Kg	(0-2') µg/Kg	(5-7') µg/Kg	(13-15') µg/Kg
1,1,1,2-Tetrachloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	270	26,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	330	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene			490	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	52,000	580	ND	ND	ND	ND	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1,100	100,000	20,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	20	3,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2,400	49,000	7,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	13,000	8,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone (Methyl Butyl Ketone)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Isopropyltoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone		100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	60	4,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoforn			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	760	2,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	100,000	310	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	370	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	250	100,000	27,000	ND	ND	8.3	ND	6.7	ND	24	ND	ND	39	ND	ND	6.3	ND	ND
cis-1,3-Dichloropropene		49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromoethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	41,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylenes	260		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone (2-Butanone)		100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-butyl ether (MTBE)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	50	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene			1,500	ND	ND	ND	ND	ND	ND	ND	ND	6.4	ND	ND	ND	ND	ND	ND
n-Butylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	260		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	19,000	4,000	ND	ND	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran (THF)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes			ND	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene		100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4-dichloro-2-butene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	470	21,000	110,000	ND	ND	13	ND	19	ND	1,000	ND	ND	310	9.9	ND	41	ND	ND
Trichlorofluoromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	20	900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total BTEX Concentration			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
Total VOCs Concentration			181,680	0.0	0.0	21.3	0.0	25.7	0.0	1,040	0.0	53.4	349	9.9	0.0	47.3	0.0	0.0

Notes:

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

ND - Not detected

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

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

TABLE 2
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*	B1			B2		B3	
			(0-2') µg/Kg	(12-14') µg/Kg	(12-14 Dup) µg/Kg	(0-2') µg/Kg	(12-14') µg/Kg	(0-2') µg/Kg	(12-14') µg/Kg
1,2,4,5-Tetrachlorobenzene			ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			1,500	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene			9,800	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene			7,800	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene			9,100	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol			ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol			ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol			ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol			1,700	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol			ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene			ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene			ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene			ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol			ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene			3,800	ND	ND	ND	ND	ND	ND
2-Methylphenol (o-cresol)			ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline			ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol			ND	ND	ND	ND	ND	ND	ND
3&4-Methylphenol (m&p-cresol)			ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine			ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline			ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol			ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether			ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol			ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline			ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether			ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline			ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol			ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20,000	100,000	470	ND	ND	ND	ND	ND	ND
Acenaphthylene	100,000	100,000	ND	ND	ND	ND	ND	ND	ND
Acetophenone			ND	ND	ND	ND	ND	ND	ND
Aniline			ND	ND	ND	ND	ND	ND	ND
Anthracene	100,000	100,000	540	ND	ND	ND	ND	370	ND
Azobenzene			ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1,000	1,000	670	ND	ND	ND	ND	1,200	ND
Ben-zidine			ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	1,000	1,000	510	ND	ND	ND	ND	1,100	ND
Benzo(b)fluoranthene	1,000	1,000	980	ND	ND	ND	ND	1,400	ND
Benzo(g,h,i)perylene	100,000	100,000	290	ND	ND	ND	ND	660	ND
Benzo(k)fluoranthene	800	3,900	300	ND	ND	ND	ND	540	ND
Benzoic Acid			ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate			ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane			ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether			ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether			ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate			1,200	ND	ND	ND	ND	ND	ND
Carbazole			1,000	ND	ND	ND	ND	ND	ND
Chrysene	1,000	3,900	730	ND	ND	ND	ND	1,200	ND
Dibenzo(a,h)anthracene	330	330	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran			860	ND	ND	ND	ND	ND	ND
Diethyl phthalate			ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate			1,700	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate			ND	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate			ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	100,000	2,400	ND	ND	240	ND	3,000	ND
Fluorene	30,000	100,000	320	ND	ND	ND	ND	ND	ND
Hexachlorobenzene			ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene			ND	ND	ND	ND	ND	ND	ND
Hexachloroethane			ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	500	500	ND	ND	ND	ND	ND	540	ND
Isophorone			ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	100,000	930	ND	ND	ND	ND	ND	ND
Nitrobenzene			ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine			ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine			ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine			ND	ND	ND	ND	ND	ND	ND
Pentachloronitrobenzene			ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	800	6,700	930	ND	ND	ND	ND	ND	ND
Phenanthrene	100,000	100,000	3,200	ND	ND	ND	ND	2,800	ND
Phenol			ND	ND	ND	ND	ND	ND	ND
Pyrene	100,000	100,000	1,900	ND	ND	ND	ND	2,700	ND
Pyridine			ND	ND	ND	ND	ND	ND	ND

Notes:

* - 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 3
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*	B1			B2		B3	
			(0-2') µg/Kg	(12-14') µg/Kg	(12-14 Dup) µg/Kg	(0-2') µg/Kg	(12-14') µg/Kg	(0-2') µg/Kg	(12-14') µg/Kg
PCB-1016	1,000	1,000	ND	ND	ND	ND	ND	ND	ND
PCB-1221	1,000	1,000	ND	ND	ND	ND	ND	ND	ND
PCB-1232	1,000	1,000	ND	ND	ND	ND	ND	ND	ND
PCB-1242	1,000	1,000	ND	ND	ND	ND	ND	ND	ND
PCB-1248	1,000	1,000	ND	ND	ND	ND	ND	ND	ND
PCB-1254	1,000	1,000	ND	ND	ND	ND	ND	ND	ND
PCB-1260	1,000	1,000	ND	ND	ND	ND	ND	ND	ND
PCB-1262	1,000	1,000	ND	ND	ND	ND	ND	ND	ND
PCB-1268	1,000	1,000	ND	ND	ND	ND	ND	ND	ND
4,4-DDD	3.3	13,000	29,000	ND	ND	110	ND	ND	ND
4,4-DDE	3.3	8,900	1,900	ND	ND	ND	ND	ND	ND
4,4-DDT	3.3	7,900	1,400	ND	ND	ND	ND	ND	ND
a-BHC	20	480	ND	ND	ND	ND	ND	ND	ND
Alachlor			ND	ND	ND	ND	ND	ND	ND
Aldrin	5	97	ND	ND	ND	ND	ND	ND	ND
b-BHC	36	360	ND	ND	ND	ND	ND	ND	ND
Chlordane	94	4,200	47,000	ND	ND	480	ND	ND	ND
d-BHC	40	100,000	ND	ND	ND	ND	ND	ND	ND
Dieldrin	5	200	14,000	ND	ND	120	ND	ND	ND
Endosulfan I	2,400	24,000	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	2,400	24,000	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	2,400	24,000	ND	ND	ND	ND	ND	ND	ND
Endrin	14	11,000	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde			ND	ND	ND	ND	ND	ND	ND
Endrin ketone			ND	ND	ND	ND	ND	ND	ND
gamma-BHC			ND	ND	ND	ND	ND	ND	ND
Heptachlor	42	2,100	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide			ND	ND	ND	ND	ND	ND	ND
Methoxychlor			ND	ND	ND	ND	ND	ND	ND
Toxaphene			ND	ND	ND	ND	ND	ND	ND

Notes:

* - 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 4
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*	B1			B2		B3	
			(0-2') mg/Kg	(12-14') mg/Kg	(12-14 Dup) mg/Kg	(0-2') mg/Kg	(12-14') mg/Kg	(0-2') mg/Kg	(12-14') mg/Kg
Silver	2	180	0.62	<0.37	<0.30	<0.30	<0.37	<0.35	<0.36
Aluminum			6,630	8,020	7,980	6,600	8,030	13,200	8,600
Arsenic	13	16	15.5	0.98	1.28	<0.61	0.94	2.73	<0.73
Barium	350	400	89	40.7	41.2	27.9	38	130	42.8
Beryllium	7.2	72	<0.29	0.34	0.35	0.26	0.32	0.38	<0.29
Calcium			14,400	929	940	831	888	811	476
Cadmium	2.5 c	4.3	1.37	0.6	0.64	0.48	0.55	0.46	0.57
Cobalt			7.03	6.16	6.05	5.53	6.1	3.94	6.47
Chromium	30 c		26.6	17.5	17.8	13	31.2	21.7	17.7
Copper	50	270	71.2	21.8	17.6	12.4	13.7	34.9	13.9
Iron			41,400	26,300	26,500	20,100	23,000	17,900	24,600
Mercury	0.18 c	0.81	0.52	<0.06	<0.06	<0.07	<0.07	8.84	<0.08
Potassium			1,010	1,490	1,720	727	1,010	788	929
Magnesium			2,070	2,850	3,080	2,250	2,180	1,820	2,440
Manganese	1600 c	2,000	378	399	331	508	325	77	413
Sodium			223	157	166	71.2	66.4	62.6	44.5
Nickel	30	310	16.5	10.1	9.91	10	11.1	8.93	10.7
Lead	63 c	400	395	8.75	12.9	3.1	5.52	197	4.06
Antimony			<3.6	<3.7	<3.0	<3.0	<3.7	<3.5	<3.6
Selenium	3.9c	180	<1.4	<1.5	<1.2	<1.2	<1.5	<1.4	<1.5
Thallium			<3.2	<3.4	<2.7	<2.7	<3.3	<3.1	<3.3
Vanadium			36.9	34.2	32.1	22.6	26.9	23.3	27.5
Zinc	109 c	10,000	198	44.3	44.5	28.3	29.4	77	37.1

Notes:

* - 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 5
871 Grand Street, Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	GW1 µg/L	GW3 µg/L	GW1 (Duplicate) µg/L
1,1,1,2-Tetrachloroethane	5	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND
1,1-Dichloropropene		ND	ND	ND
1,2,3-Trichlorobenzene		ND	ND	ND
1,2,3-Trichloropropane		ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND
1,2-Dibromo-3-chloropropane		ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND
1,2-Dichloropropane	0.94	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND
1,3-Dichloropropane		ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND
2,2-Dichloropropane		ND	ND	ND
2-Chlorotoluene		ND	ND	ND
2-Hexanone (Methyl Butyl Ketone)		ND	ND	ND
2-Isopropyltoluene		ND	ND	ND
4-Chlorotoluene		ND	ND	ND
4-Methyl-2-Pentanone		ND	ND	ND
Acetone		ND	ND	ND
Acrylonitrile		ND	ND	ND
Benzene	1	ND	ND	ND
Bromobenzene		ND	ND	ND
Bromochloromethane	5	ND	ND	ND
Bromodichloromethane		ND	ND	ND
Bromoform		ND	ND	ND
Bromomethane	5	ND	ND	ND
Carbon Disulfide		ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND
Chlorobenzene		ND	ND	ND
Chloroethane		ND	ND	ND
Chloroform	7	2.9	ND	2.1
Chloromethane		ND	ND	ND
cis-1,2-Dichloroethene	5	1.4	1.2	1.6
cis-1,3-Dichloropropene		ND	ND	ND
Dibromochloromethane		ND	ND	ND
Dibromoethane		ND	ND	ND
Dibromomethane		ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND
Ethylbenzene	5	ND	ND	ND
Hexachlorobutadiene		ND	ND	ND
Isopropylbenzene	5	ND	ND	ND
m&p-Xylenes	5	ND	ND	ND
Methyl Ethyl Ketone (2-Butanone)		ND	ND	ND
Methyl t-butyl ether (MTBE)		ND	ND	ND
Methylene chloride		ND	ND	ND
Naphthalene		ND	ND	ND
n-Butylbenzene	5	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND
o-Xylene	5	ND	ND	ND
p-Isopropyltoluene		ND	ND	ND
sec-Butylbenzene		ND	ND	ND
Styrene		ND	ND	ND
tert-Butylbenzene		ND	ND	ND
Tetrachloroethene	5	20	14	20
Tetrahydrofuran (THF)		ND	ND	ND
Toluene	5	ND	ND	ND
Total Xylenes		ND	ND	ND
trans-1,2-Dichloroethene		ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND
trans-1,4-dichloro-2-butene		ND	ND	ND
Trichloroethene	5	3.0	8.1	3.3
Trichlorofluoromethane		ND	ND	ND
Trichlorotrifluoroethane		ND	ND	ND
Vinyl Chloride		ND	ND	ND

Notes:

ND - Not detected

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 6
871 Grand Street, Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	GW1 µg/L	GW3 µg/L
1,2-Dichlorobenzene	3	ND	ND
1,3-Dichlorobenzene	3	ND	ND
1,4-Dichlorobenzene		ND	ND
2,4-Dinitrotoluene	5	ND	ND
2,6-Dinitrotoluene	5	ND	ND
2-Chloronaphthalene	10	ND	ND
2-Methylnaphthalene		ND	ND
2-Nitroaniline	5	ND	ND
3,3'-Dichlorobenzidine	5	ND	ND
3-Nitroaniline	5	ND	ND
4-Bromophenyl phenyl ether		ND	ND
4-Chloroaniline	5	ND	ND
4-Chlorophenyl phenyl ether		ND	ND
4-Nitroaniline	5	ND	ND
Acenaphthene	20	ND	ND
Acenaphthylene		ND	ND
Anthracene	50	ND	ND
Azobenzene		ND	ND
Benzo(a)anthracene	0.002	ND	ND
Benzidine	5	ND	ND
Benzo(a)pyrene		ND	ND
Benzo(b)fluoranthene	0.002	ND	ND
Benzo(g,h,i)perylene		ND	ND
Benzo(k)fluoranthene	0.002	ND	ND
Benzoic Acid		ND	ND
Benzyl Alcohol		ND	ND
Butyl benzyl phthalate	50	ND	ND
Bis(2-chloroethoxy)methane	5	ND	ND
Bis(2-chloroethyl)ether	1	ND	ND
Bis(2-chloroisopropyl)ether		ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	ND
Chrysene	0.002	ND	ND
Dibenzo(a,h)anthracene		ND	ND
Dibenzofuran		ND	ND
Diethylphthalate	50	ND	ND
Dimethylphthalate	50	ND	ND
Di-n-butylphthalate	50	ND	ND
Di-n-octylphthalate	50	ND	ND
Fluoranthene	50	ND	ND
Fluorene	50	ND	ND
Hexachlorobenzene	0.04	ND	ND
Hexachlorobutadiene	0.5	ND	ND
Hexachlorocyclopentadiene	5	ND	ND
Hexachloroethane	5	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND
Isophorone	50	ND	ND
Naphthalene	10	ND	ND
Nitrobenzene	0.4	ND	ND
N-Nitrosodimethylamine		ND	ND
N-Nitrosodi-n-propylamine		ND	ND
N-Nitrosodiphenylamine	50	ND	ND
Phenanthrene	50	0.05	0.05
Pyrene	50	ND	ND

Notes:

ND - Not detected

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7
871 Grand Street, Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards µg/L	GW1 µg/L	GW3 µg/L
PCB-1016	0.09	ND	ND
PCB-1221	0.09	ND	ND
PCB-1232	0.09	ND	ND
PCB-1242	0.09	ND	ND
PCB-1248	0.09	ND	ND
PCB-1254	0.09	ND	ND
PCB-1260	0.09	ND	ND
PCB-1262	0.09	ND	ND
PCB-1268	0.09	ND	ND
4,4-DDD	0.3	ND	ND
4,4-DDE	0.2	ND	ND
4,4-DDT	0.11	ND	ND
a-BHC	0.94	ND	ND
Alachlor		ND	ND
Aldrin		ND	ND
b-BHC	0.04	ND	ND
Chlordane	0.05	ND	ND
d-BHC	0.04	ND	ND
Dieldrin	0.004	0.01	ND
Endosulfan I		ND	ND
Endosulfan II		ND	ND
Endosulfan Sulfate		ND	ND
Endrin		ND	ND
Endrin aldehyde	5	ND	ND
Endrin ketone		ND	ND
gamma-BHC	0.05	ND	ND
Heptachlor	0.04	ND	ND
Heptachlor epoxide	0.03	ND	ND
Methoxychlor	35	ND	ND
Toxaphene		ND	ND

Notes:

ND - Non-detect

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 8
871 Grand Street, Brooklyn, New York
Groundwater Analytical Results
TAL Metals

Compound	NYSDEC Groundwater Quality Standards µg/L	GW1 µg/L	GW3 µg/L
Silver	50	<1.0	<1.0
Aluminum	NS	129,000	57,200
Arsenic	25	24	19
Barium	1000	1,010	672
Beryllium	3	6	4
Calcium	NS	70,100	29,700
Cadmium	5	<1.0	<1.0
Cobalt	NS	112	84
Chromium	50	302	127
Copper	200	256	220
Iron	500	267,000	109,000
Mercury	0.7	<0.2	<0.02
Potassium	NS	18,100	43,900
Magnesium	35000	53,400	25,400
Manganese	300	11,900	9,990
Sodium	2000	124,000	13,800
Nickel	100	208	183
Lead	25	57	76
Antimony	3	<5.0	<0.005
Selenium	10	<10	<0.010
Thallium	0.5	<0.2	<0.002
Vanadium	NS	256	148
Zinc	2000	279	247

Notes:

ND - ND

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 9
871 Grand Street, Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Air Guidance Value ($\mu\text{g}/\text{m}^3$) ^(a)	NYSDOH Soil Outdoor Background Levels ($\mu\text{g}/\text{m}^3$) ^(b)	SG-1 ($\mu\text{g}/\text{m}^3$)	SG-2 ($\mu\text{g}/\text{m}^3$)
1,1,1,2-Tetrachloroethane			ND	ND
1,1,1-Trichloroethane	100	<2.0 - 2.8	81.8	47.6
1,1,2,2-Tetrachloroethane		<1.5	ND	ND
1,1,2-Trichloroethane		<1.0	ND	ND
1,1-Dichloroethane		<1.0	16.9	2.3
1,1-Dichloroethene		<1.0	4.72	ND
1,2,4-Trichlorobenzene		NA	ND	ND
1,2,4-Trimethylbenzene		<1.0	ND	ND
1,2-Dibromoethane		<1.5	ND	ND
1,2-Dichlorobenzene		<2.0	ND	ND
1,2-Dichloroethane		<1.0	13.7	ND
1,2-Dichlorotetrafluoroethane			ND	ND
1,3,5-Trimethylbenzene		<1.0	ND	ND
1,3-Butadiene		NA	ND	ND
1,3-Dichlorobenzene		<2.0	ND	ND
1,4-Dichlorobenzene		NA	ND	ND
1,4-Dioxane			ND	ND
2-Hexanone			ND	ND
4-Ethyltoluene		NA	ND	ND
4-Isopropyltoluene			ND	ND
4-Methyl-2-pentanone			1.43	ND
Acetone		NA	18	34.2
Acrylonitrile			ND	ND
Benzene		<1.6 - 4.7	5.27	2.62
Benzyl Chloride		NA	ND	ND
Bromodichloromethane		<5.0	ND	ND
Bromoform		<1.0	ND	ND
Bromomethane		<1.0	ND	ND
Carbon Disulfide		NA	69.7	7.34
Carbon Tetrachloride	5	<3.1	1.13	0.754
Chlorobenzene		<2.0	ND	ND
Chloroethane		NA	ND	ND
Chloroform		<2.4	109	15.5
Chloromethane		<1.0 - 1.4	ND	ND
cis-1,2-Dichloroethene		<1.0	3,830	27.4
cis-1,3-Dichloropropene		NA	ND	ND
Cyclohexane		NA	1.34	ND
Dibromochloromethane		<5.0	ND	ND
Dichlorodifluoromethane		NA	4.5	7.31
Ethanol			27.5	18
Ethyl Acetate		NA	ND	ND
Ethylbenzene		<4.3	2.26	1.17
Heptane		NA	2.17	1.84
Hexachlorobutadiene		NA	ND	ND
Hexane		<1.5	7.04	2.01
Isopropylalcohol		NA	3.49	8.65
Isopropylbenzene			ND	ND
Xylene (m&p)		<4.3	6.34	2.52
Methyl Ethyl Ketone			ND	2.36
MTBE		NA	ND	ND
Methylene Chloride	60	<3.4	4.24	1.08
n-Butylbenzene			ND	ND
Xylene (o)		<4.3	1.74	1.3
Propylene		NA	13.4	ND
sec-Butylbenzene			ND	ND
Styrene		<1.0	ND	ND
Tetrachloroethene	100		274	10.6
Tetrahydrofuran		NA	1.53	ND
Toluene		1.0 - 6.1	45.9	13
trans-1,2-Dichloroethene		NA	276	3.76
trans-1,3-Dichloropropene		NA	ND	ND
Trichloroethene	5	<1.7	2,510	639
Trichlorofluoromethane		NA	3.59	2.86
Trichlorotrifluoroethane			1.46	2.22
Vinyl Chloride		<1.0	0.639	ND
Total PVOCS*			119	53
Total BTEX**			62	21
Total VOCs***			7,321	821

Notes:

NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

* Petroleum Volatile Organic Compounds

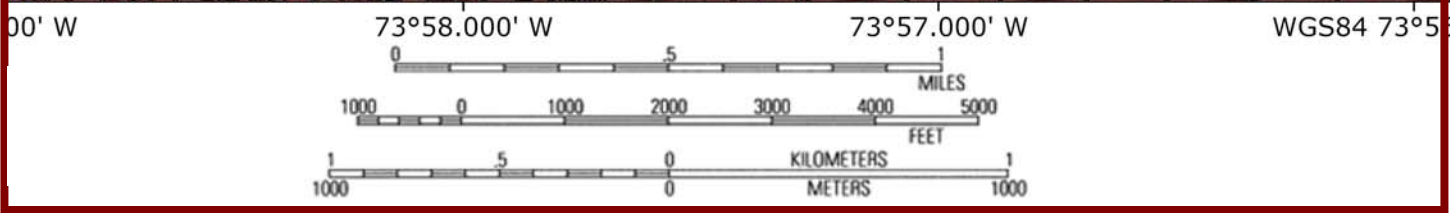
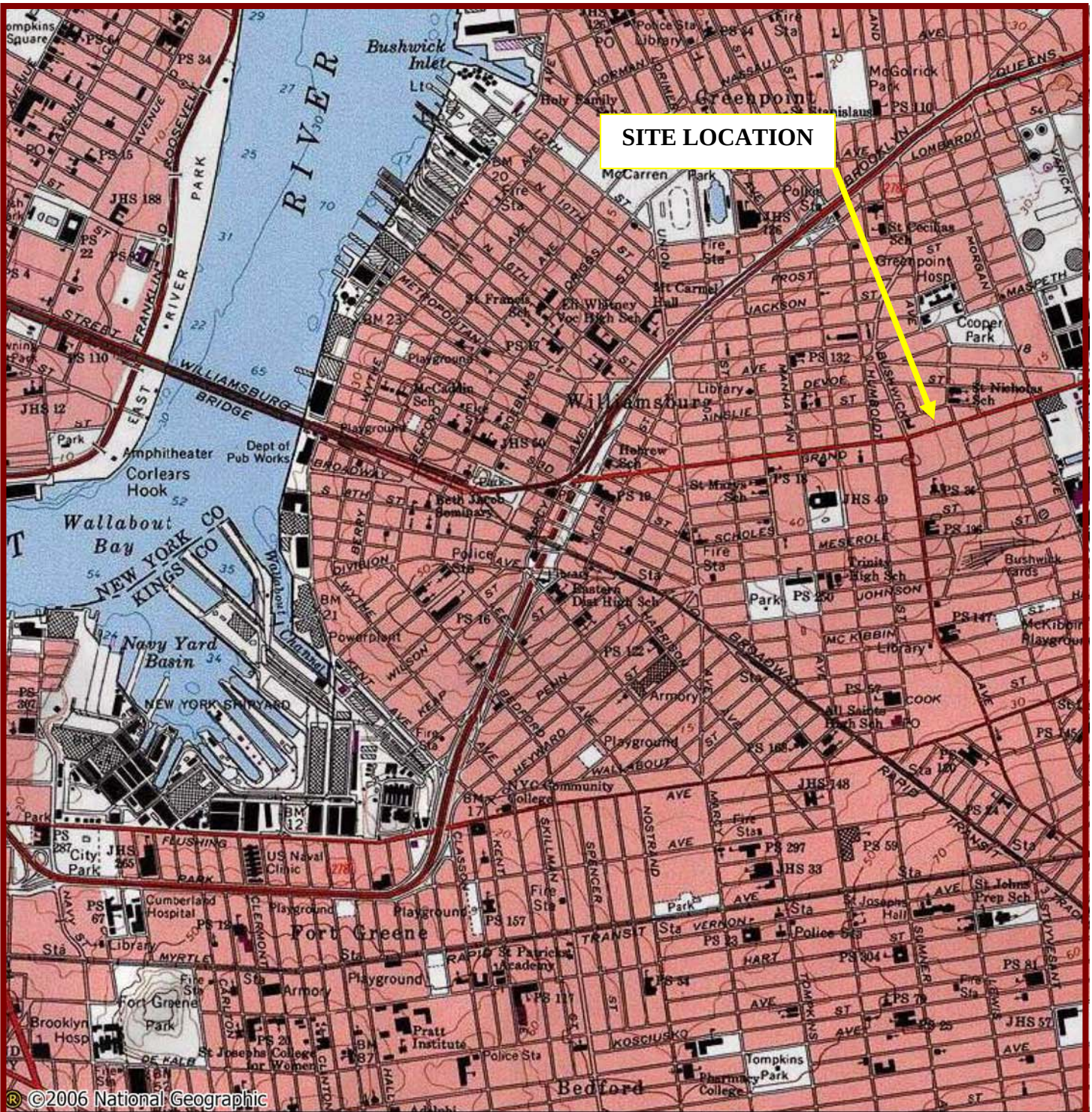
** Benzene, toluene, ethylbenzene, xylene

*** Volatile Organic Compounds (excluding acetone)

Value detected above NYSDOH Air Guidance Value of 5 $\mu\text{g}/\text{m}^3$, which according to Soil Vapor/Indoor Air Matrix 1 would require at a minimum, monitoring.

Value detected above NYSDOH Air Guidance Value of 100 $\mu\text{g}/\text{m}^3$, which according to Soil Vapor/Indoor Air Matrix 2 would require at a minimum, monitoring.

FIGURES

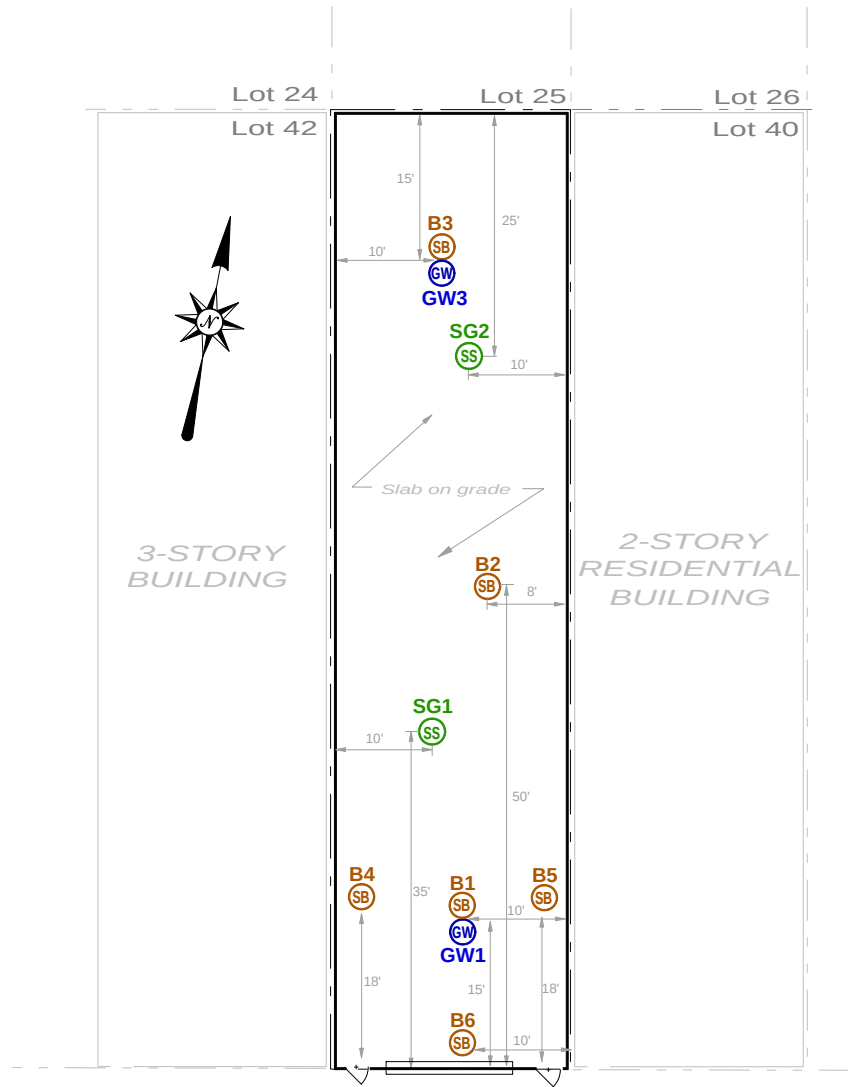


ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

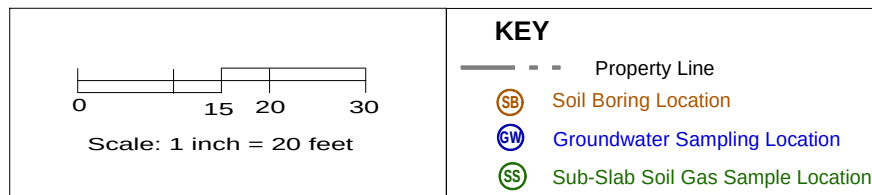
871 GRAND STREET
BROOKLYN, NEW YORK

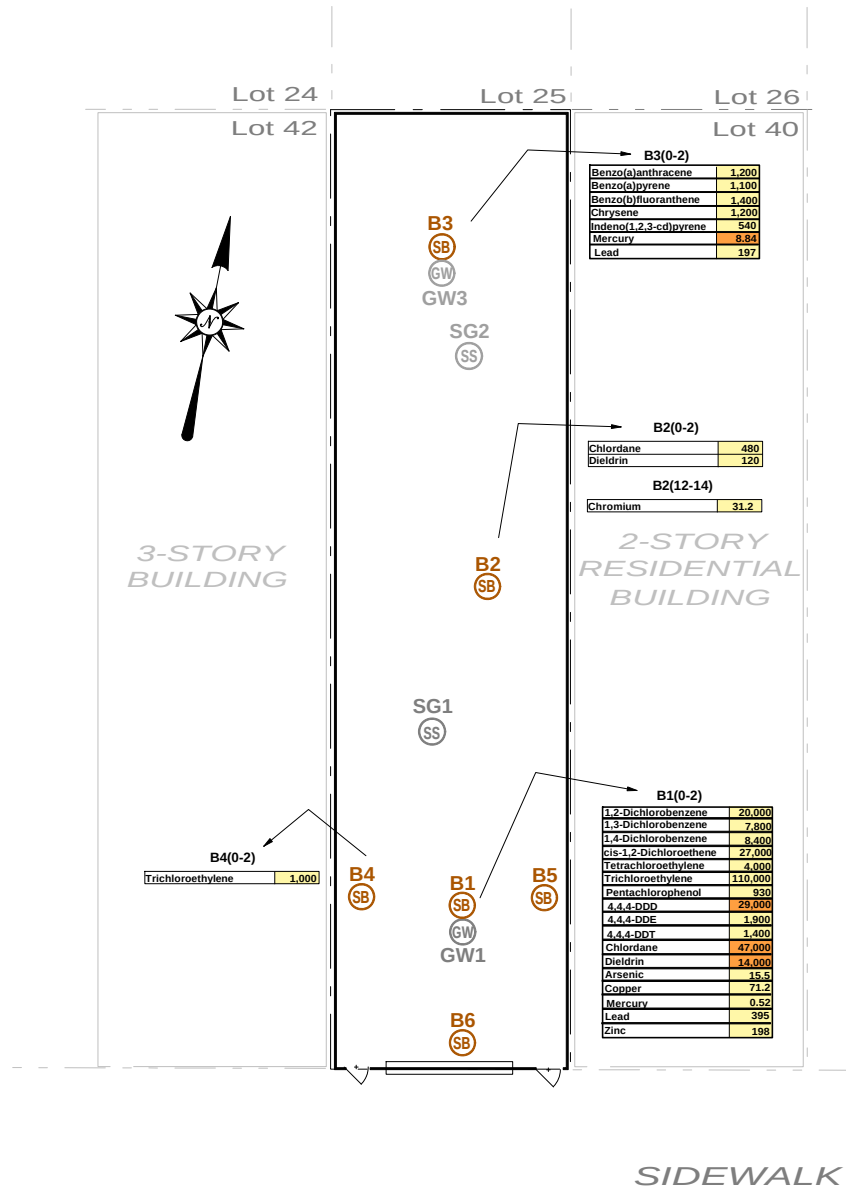
FIGURE 1 – SITE LOCATION MAP



SIDEWALK

GRAND STREET





APPENDIX A

Drill Logs

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: 15' from southern property line, 10' from east 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: Dual Tube Geoprobe 6610		Well Specifications	
Date Started: 1/31/2012		Date Completed: 1/31/2012			
Completion Depth: 15 feet		Field Technician D.Mosca			
		~35ft		Well depth set at 40ft	

B1 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Recovery (in.)	Blow per 6 in.	PID (ppm)	
	0				1" - Concrete.
	to	13		458	1" - Grey and brown fine sand.
	5				8" - Fill material with brick in a sandy matrix.
	to	20		0.4	3" - Darky sandy fill material, odor.
	10				* Retained soil sample B1(0-2)
	to	43		0.0	2" - Cave-in of dark fill material.
	15				18" - Firm brown sand with silt.
					24" - Firm brown sandy material with silt, some gravel and red stones.
					18" - (7") Grey and white stone, (3") brown sand with silt, (2") white stone, and (6") brown sand with trace silt and gravel.
					*Retained Sample B1(12-14) and B1(12-14) Duplicate
					*Retained Groundwater Sample GW1 and GW1 Duplicate

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: 50 feet from south proeprty line, 8 feet from east 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: Dual Tube Geoprobe 6610		Groundwater depth	
Date Started: 1/31/2012		Date Completed: 1/31/2012		~35ft	
Completion Depth: 15 feet		Field Techician D.Mosca		Well Specifications	
				None	

B2 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				8" - Concrete.
	to	14		0.6	6" - Bown and lack sandy fill material consisting of brick, gravel, and coal ash.
	5				* Retained soil sample B2(0-2)
	to	48		0.2	5" - Cave-in concrete.
	10				43" - Brown fine sand with trace silt and little to no gravel.
	to	45		1.7	45" - Brown to dark brown firm silty sand, no odor. A large gneiss stone and a quartz stone mixed in.
	15				* Retained soil sample B2(12-14)

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: 15 feet from north property line, 10 feet from west 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: Dual Tube Geoprobe 6610		Groundwater depth	
Date Started: 1/31/2012		Date Completed: 1/31/2012		~35ft	
Completion Depth: 20 feet		Field Technician D.Mosca		Well Specifications	
				Well depth set at 40ft	

B3 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	43		1.7	8" - (3") Concrete. (5") Dark fill material consisting of brick, burned wood, and coal ash in a sandy matrix. Slight odor. 24" - Dark brown firm silty sand with little to no gravel. 11" - Fine brown silty sand. Firm with no gravel. <i>* Retained soil sample B3(0-2)</i>
	5				
	to	36		0.6	36" - Fine brown silty sand with little to no gravel.
	10				
	to	48		1.3	48" - Moist brown sandy loam with some large stones. <i>* Retained soil sample B3(12-14)</i>
	15				
					<i>*Retained Groundwater Sample GW3</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: 18 feet north of the south property line, 3 feet from the west 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: Dual Tube Geoprobe 6610		Groundwater depth	
Date Started: 2/24/2012		Date Completed: 2/24/2012		~35ft	
Completion Depth: 15 feet		Field Technician K. Waters		Well Specifications	

B4 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	24		2.0	24" - Brown sandy silt with rock fragments
	5				* Retained soil sample B4(0-2)
	to	24		0.8	24" - Brown sandy silt with rock fragments
	10				* Retained soil sample B4(5-7)
	to	30		0.0	30" - Brown sandy silt with rock fragments
	15				* Retained soil sample B4(13-15)
					*Retained Groundwater Sample GW3

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B5 Boring Log

Location: 18 feet north of the south property line, 3 feet from the east 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: Dual Tube Geoprobe 6610		Groundwater depth	
Date Started: 2/24/2012		Date Completed: 2/24/2012		~35ft	
Completion Depth: 15 feet		Field Technician K. Waters		Well Specifications	

B5 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	36		6.0	36" - Brown sandy silt with brick and rock fragments
	5				* Retained soil sample B5(0-2)
	to	30		1.5	15" - Brown sand with brick and rock fragments 15" - Brown sand with rock fragments
	10				* Retained soil sample B5(5-7)
	to	40		0.0	40" - Brown sandy silt with rock fragments
	15				* Retained soil sample B5(13-15)
					*Retained Groundwater Sample GW3

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B6 Boring Log

Location: 3 feet north from the south property line, 10 feet from the east 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: Dual Tube Geoprobe 6610		Groundwater depth	
Date Started: 2/24/2012		Date Completed: 2/24/2012		~35ft	
Completion Depth: 15 feet		Field Technician K. Waters		Well Specifications	

B6 (NTS)	DEPTH (ft below grade)	SAMPLES			SOIL DESCRIPTION
		Reco- very (in.)	Blow per 6 in.	PID (ppm)	
	0				
	to	14		0.0	14" - Brown sand with rock fragments
	5				* Retained soil sample B6(0-2)
	to	24		5.0	24" - Brown sandy silt with wood and rock fragments
	10				* Retained soil sample B6(5-7)
	to	40		0.0	36" - Brown sandy silt with rock fragments
	15				* Retained soil sample B6(13-15)
					*Retained Groundwater Sample GW3

APPENDIX B ***Laboratory Reports***



Thursday, March 08, 2012

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

Project ID: 871 GRAND ST BRKLYN NY
Sample ID#s: BB49055

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

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 08, 2012

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: Standard
P.O.#:

Custody Information

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

Date

03/01/12 15:50

03/02/12 15:57

Time

Laboratory Data

SDG ID: GBB49055

Phoenix ID: BB49055

Project ID: 871 GRAND ST BRKLYN NY

Client ID: SG-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.0	03/05/12	KCA	TO15
1,1,1-Trichloroethane	8.74	0.183	47.6	1.0	03/05/12	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.0	03/05/12	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.0	03/05/12	KCA	TO15
1,1-Dichloroethane	0.57	0.247	2.30	1.0	03/05/12	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.0	03/05/12	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.0	03/05/12	KCA	TO15
1,2,4-Trimethylbenzene	ND	0.204	ND	1.0	03/05/12	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.0	03/05/12	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.0	03/05/12	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.0	03/05/12	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.0	03/05/12	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.0	03/05/12	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.0	03/05/12	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.0	03/05/12	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.0	03/05/12	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.0	03/05/12	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.0	03/05/12	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.0	03/05/12	KCA	TO15
4-Ethyltoluene	ND	0.204	ND	1.0	03/05/12	KCA	TO15
4-Isopropyltoluene	ND	0.182	ND	1.0	03/05/12	KCA	TO15
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.0	03/05/12	KCA	TO15
Acetone	14.4	0.421	34.2	1.0	03/05/12	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.0	03/05/12	KCA	TO15
Benzene	0.82	0.313	2.62	1.0	03/05/12	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.0	03/05/12	KCA	TO15

Client ID: SG-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Bromodichloromethane	ND	0.149	ND	1.0	03/05/12	KCA	TO15
Bromoform	ND	0.097	ND	1.0	03/05/12	KCA	TO15
Bromomethane	ND	0.258	ND	1.0	03/05/12	KCA	TO15
Carbon Disulfide	2.36	0.321	7.34	1.0	03/05/12	KCA	TO15
Carbon Tetrachloride	0.12	0.040	0.754	0.25	03/05/12	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.0	03/05/12	KCA	TO15
Chloroethane	ND	0.379	ND	1.0	03/05/12	KCA	TO15
Chloroform	3.18	0.205	15.5	1.0	03/05/12	KCA	TO15
Chloromethane	ND	0.484	ND	1.0	03/05/12	KCA	TO15
Cis-1,2-Dichloroethene	6.91	0.252	27.4	1.0	03/05/12	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.0	03/05/12	KCA	TO15
Cyclohexane	ND	0.291	ND	1.0	03/05/12	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.0	03/05/12	KCA	TO15
Dichlorodifluoromethane	1.48	0.202	7.31	1.0	03/05/12	KCA	TO15
Ethanol	9.55	0.531	18.0	1.0	03/05/12	KCA	TO15
Ethyl acetate	ND	0.278	ND	1.0	03/05/12	KCA	TO15
Ethylbenzene	0.27	0.230	1.17	1.0	03/05/12	KCA	TO15
Heptane	0.45	0.244	1.84	1.0	03/05/12	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.0	03/05/12	KCA	TO15
Hexane	0.57	0.284	2.01	1.0	03/05/12	KCA	TO15
Isopropylalcohol	3.52	0.407	8.65	1.0	03/05/12	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.0	03/05/12	KCA	TO15
m,p-Xylene	0.58	0.230	2.52	1.0	03/05/12	KCA	TO15
Methyl Ethyl Ketone	0.8	0.339	2.36	1.0	03/05/12	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.0	03/05/12	KCA	TO15
Methylene Chloride	0.31	0.288	1.08	1.0	03/05/12	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.0	03/05/12	KCA	TO15
o-Xylene	0.3	0.230	1.30	1.0	03/05/12	KCA	TO15
Propylene	ND	0.581	ND	1.0	03/05/12	KCA	TO15
sec-Butylbenzene	ND	0.182	ND	1.0	03/05/12	KCA	TO15
Styrene	ND	0.235	ND	1.0	03/05/12	KCA	TO15
Tetrachloroethene	1.56	0.037	10.6	0.25	03/05/12	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.0	03/05/12	KCA	TO15
Toluene	3.46	0.266	13.0	1.0	03/05/12	KCA	TO15
Trans-1,2-Dichloroethene	0.95	0.252	3.76	1.0	03/05/12	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.0	03/05/12	KCA	TO15
Trichloroethene	119	0.047	639	0.25	03/05/12	KCA	TO15
Trichlorofluoromethane	0.51	0.178	2.86	1.0	03/05/12	KCA	TO15
Trichlorotrifluoroethane	0.29	0.130	2.22	1.0	03/05/12	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	03/05/12	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	103	%	103	%	03/05/12	KCA	70 - 130 %

Client ID: SG-2

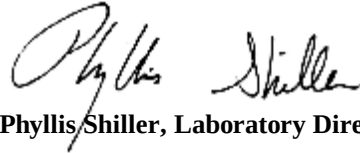
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
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Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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



Phyllis Shiller, Laboratory Director

March 08, 2012



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 08, 2012

QA/QC Data

SDG I.D.: GBB49055

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 195520, QC Sample No: BB49057 (BB49055)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	106	1.33	1.42	0.27	0.29	7.1	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	112	7.57	7.43	3.19	3.13	1.9	70 - 130	20
Acrylonitrile	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	93	1.21	1.24	0.38	0.39	2.6	70 - 130	20
Benzyl chloride	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	ND	98	0.629	0.629	0.10	0.10	0.0	70 - 130	20
Chlorobenzene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	98	9.12	9.08	1.87	1.86	0.5	70 - 130	20
Chloromethane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	101	2.47	2.47	0.50	0.50	0.0	70 - 130	20
Ethanol	ND	ND	93	17.6	18.0	9.35	9.58	2.4	70 - 130	20

QA/QC Data

SDG I.D.: GBB49055

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	105	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	100	1.56	1.56	0.36	0.36	0.0	70 - 130	20
Heptane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Hexachlorobutadiene	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Isopropylalcohol	ND	ND	80	3.07	3.00	1.25	1.22	2.4	70 - 130	20
Isopropylbenzene	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	106	4.56	4.64	1.05	1.07	1.9	70 - 130	20
Methyl Ethyl Ketone	ND	ND	91	1.77	1.77	0.60	0.60	0.0	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	103	1.56	1.65	0.36	0.38	5.4	70 - 130	20
Propylene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
sec-Butylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	95	4.74	4.20	0.70	0.62	12.1	70 - 130	20
Tetrahydrofuran	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	92	7.76	7.00	2.06	1.86	10.2	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	96	3.54	3.22	0.66	0.60	9.5	70 - 130	20
Trichlorofluoromethane	ND	ND	98	1.40	1.29	0.25	0.23	8.3	70 - 130	20
Trichlorotrifluoroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	105	105	102	106	106	106	106	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



Phyllis Shiller, Laboratory Director
March 08, 2012



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

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

Pg. 1 of 1

[illegible]



Thursday, February 23, 2012

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

Project ID: 871 GRAND ST., BROOKLYN
Sample ID#s: BB44979

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

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

February 23, 2012

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

Date

02/14/12
02/17/12

Time

14:00
16:19

Laboratory Data

SDG ID: GBB44979
Phoenix ID: BB44979

Project ID: 871 GRAND ST., BROOKLYN

Client ID: SG-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.0	02/20/12	KCA	TO15
1,1,1-Trichloroethane	15	0.183	81.8	1.0	02/20/12	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.0	02/20/12	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.0	02/20/12	KCA	TO15
1,1-Dichloroethane	4.19	0.247	16.9	1.0	02/20/12	KCA	TO15
1,1-Dichloroethene	1.19	0.252	4.72	1.0	02/20/12	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.0	02/20/12	KCA	TO15
1,2,4-Trimethylbenzene	ND	0.204	ND	1.0	02/20/12	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.0	02/20/12	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.0	02/20/12	KCA	TO15
1,2-Dichloroethane	3.39	0.247	13.7	1.0	02/20/12	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.0	02/20/12	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.0	02/20/12	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.0	02/20/12	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.0	02/20/12	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.0	02/20/12	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.0	02/20/12	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.0	02/20/12	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.0	02/20/12	KCA	TO15
4-Ethyltoluene	ND	0.204	ND	1.0	02/20/12	KCA	TO15
4-Isopropyltoluene	ND	0.182	ND	1.0	02/20/12	KCA	TO15
4-Methyl-2-pentanone(MIBK)	0.35	0.244	1.43	1.0	02/20/12	KCA	TO15
Acetone	7.57	0.421	18.0	1.0	02/20/12	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.0	02/20/12	KCA	TO15
Benzene	1.65	0.313	5.27	1.0	02/20/12	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.0	02/20/12	KCA	TO15

Client ID: SG-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Bromodichloromethane	ND	0.149	ND	1.0	02/20/12	KCA	TO15
Bromoform	ND	0.097	ND	1.0	02/20/12	KCA	TO15
Bromomethane	ND	0.258	ND	1.0	02/20/12	KCA	TO15
Carbon Disulfide	22.4	0.321	69.7	1.0	02/20/12	KCA	TO15
Carbon Tetrachloride	0.18	0.040	1.13	0.25	02/20/12	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.0	02/20/12	KCA	TO15
Chloroethane	ND	0.379	ND	1.0	02/20/12	KCA	TO15
Chloroform	22.4	0.205	109	1.0	02/20/12	KCA	TO15
Chloromethane	ND	0.484	ND	1.0	02/20/12	KCA	TO15
Cis-1,2-Dichloroethene	967	0.252	3830	1.0	02/20/12	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.0	02/20/12	KCA	TO15
Cyclohexane	0.39	0.291	1.34	1.0	02/20/12	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.0	02/20/12	KCA	TO15
Dichlorodifluoromethane	0.91	0.202	4.50	1.0	02/20/12	KCA	TO15
Ethanol	14.6	0.531	27.5	1.0	02/20/12	KCA	TO15
Ethyl acetate	ND	0.278	ND	1.0	02/20/12	KCA	TO15
Ethylbenzene	0.52	0.230	2.26	1.0	02/20/12	KCA	TO15
Heptane	0.53	0.244	2.17	1.0	02/20/12	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.0	02/20/12	KCA	TO15
Hexane	2	0.284	7.04	1.0	02/20/12	KCA	TO15
Isopropylalcohol	1.42	0.407	3.49	1.0	02/20/12	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.0	02/20/12	KCA	TO15
m,p-Xylene	1.46	0.230	6.34	1.0	02/20/12	KCA	TO15
Methyl Ethyl Ketone	ND	0.339	ND	1.0	02/20/12	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.0	02/20/12	KCA	TO15
Methylene Chloride	1.22	0.288	4.24	1.0	02/20/12	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.0	02/20/12	KCA	TO15
o-Xylene	0.4	0.230	1.74	1.0	02/20/12	KCA	TO15
Propylene	7.77	0.581	13.4	1.0	02/20/12	KCA	TO15
sec-Butylbenzene	ND	0.182	ND	1.0	02/20/12	KCA	TO15
Styrene	ND	0.235	ND	1.0	02/20/12	KCA	TO15
Tetrachloroethene	40.4	0.037	274	0.25	02/20/12	KCA	TO15
Tetrahydrofuran	0.52	0.339	1.53	1.0	02/20/12	KCA	TO15
Toluene	12.2	0.266	45.9	1.0	02/20/12	KCA	TO15
Trans-1,2-Dichloroethene	69.8	0.252	276	1.0	02/20/12	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.0	02/20/12	KCA	TO15
Trichloroethene	467	0.047	2510	0.25	02/20/12	KCA	TO15
Trichlorofluoromethane	0.64	0.178	3.59	1.0	02/20/12	KCA	TO15
Trichlorotrifluoroethane	0.19	0.130	1.46	1.0	02/20/12	KCA	TO15
Vinyl Chloride	0.25	0.098	0.639	0.25	02/20/12	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	104	%	104	%	02/20/12	KCA	70 - 130 %

Client ID: SG-1

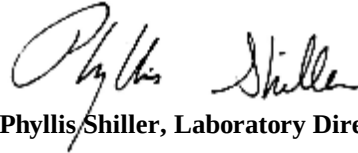
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
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Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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



Phyllis Shiller, Laboratory Director

February 23, 2012



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

February 23, 2012

QA/QC Data

SDG I.D.: GBB44979

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 194764, QC Sample No: BB44979 (BB44979)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	104	81.8	79.1	15.0	14.5	3.4	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	107	16.9	16.0	4.19	3.97	5.4	70 - 130	20
1,1-Dichloroethene	ND	ND	110	4.72	4.44	1.19	1.12	6.1	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	86	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	101	ND	1.03	ND	0.21	NC	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	86	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	107	13.7	13.9	3.39	3.43	1.2	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	97	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	116	1.43	1.19	0.35	0.29	18.8	70 - 130	20
Acetone	ND	ND	101	18.0	21.7	7.57	9.15	18.9	70 - 130	20
Acrylonitrile	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	97	5.27	5.27	1.65	1.65	0.0	70 - 130	20
Benzyl chloride	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	121	69.7	69.1	22.4	22.2	0.9	70 - 130	20
Carbon Tetrachloride	ND	ND	106	1.13	1.13	0.18	0.18	0.0	70 - 130	20
Chlorobenzene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	106	109	108	22.4	22.1	1.3	70 - 130	20
Chloromethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	108	NC	NC	NC	NC	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	104	1.34	1.34	0.39	0.39	0.0	70 - 130	20
Dibromochloromethane	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	111	4.50	4.45	0.91	0.90	1.1	70 - 130	20
Ethanol	ND	ND	95	27.5	28.8	14.6	15.3	4.7	70 - 130	20

QA/QC Data

SDG I.D.: GBB44979

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	109	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	96	2.26	2.21	0.52	0.51	1.9	70 - 130	20
Heptane	ND	ND	121	2.17	2.05	0.53	0.50	5.8	70 - 130	20
Hexachlorobutadiene	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	102	7.04	6.90	2.00	1.96	2.0	70 - 130	20
Isopropylalcohol	ND	ND	83	3.49	3.14	1.42	1.28	10.4	70 - 130	20
Isopropylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	106	6.34	6.29	1.46	1.45	0.7	70 - 130	20
Methyl Ethyl Ketone	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	107	4.24	4.72	1.22	1.36	10.9	70 - 130	20
n-Butylbenzene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	104	1.74	1.74	0.40	0.40	0.0	70 - 130	20
Propylene	ND	ND	104	13.4	13.5	7.77	7.84	0.9	70 - 130	20
sec-Butylbenzene	ND	ND	88	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	100	NC	NC	NC	NC	NC	70 - 130	20
Tetrahydrofuran	ND	ND	102	1.53	1.50	0.52	0.51	1.9	70 - 130	20
Toluene	ND	ND	108	45.9	48.2	12.2	12.8	4.8	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	116	NC	NC	NC	NC	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	105	NC	NC	NC	NC	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	108	3.59	3.54	0.64	0.63	1.6	70 - 130	20
Trichlorotrifluoroethane	ND	ND	110	1.46	1.30	0.19	0.17	11.1	70 - 130	20
Vinyl Chloride	ND	ND	106	0.639	0.588	0.25	0.23	8.3	70 - 130	20
% Bromofluorobenzene	101	101	99	104	104	104	104	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



Phyllis Shiller, Laboratory Director

February 23, 2012



Tuesday, March 06, 2012

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

Project ID: 871 GRAND ST BROOKLYN NY
Sample ID#s: BB47591 - BB47599

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

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 06, 2012

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

Sample Information

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

Custody Information

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

Date Time
02/27/12 7:00
02/27/12 16:41

Laboratory Data

SDG ID: GBB47591
Phoenix ID: BB47591

Project ID: 871 GRAND ST BROOKLYN NY

Client ID: B4 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	02/27/12		JL	E160.3
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
2-Hexanone	ND	28	ug/Kg	03/01/12		H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	03/01/12		H/J	SW8260

Client ID: B4 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	28	ug/Kg	03/01/12		H/J	SW8260
Acrylonitrile	ND	11	ug/Kg	03/01/12		H/J	SW8260
Benzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Bromoform	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Chloroform	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
cis-1,2-Dichloroethene	24	5.6	ug/Kg	03/01/12		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	03/01/12		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Naphthalene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
o-Xylene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Styrene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Tetrachloroethene	16	5.6	ug/Kg	03/01/12		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Toluene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	03/01/12		H/J	SW8260
Trichloroethene	1000	280	ug/Kg	03/01/12		H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	113		%	03/01/12		H/J	70 - 130 %
% Bromofluorobenzene	83		%	03/01/12		H/J	70 - 130 %
% Dibromofluoromethane	101		%	03/01/12		H/J	70 - 130 %

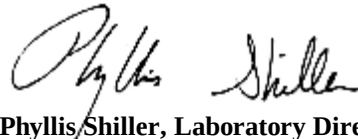
Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	128		%	03/01/12		H/J	70 - 130 %

Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

March 06, 2012



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 06, 2012

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

Sample Information

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

Custody Information

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

Date Time
02/27/12 7:10
02/27/12 16:41

Laboratory Data

SDG ID: GBB47591
Phoenix ID: BB47592

Project ID: 871 GRAND ST BROOKLYN NY

Client ID: B4 5-7 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	93		%	02/27/12		JL	E160.3

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
2-Hexanone	ND	27	ug/Kg	03/01/12		H/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	03/01/12		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	27	ug/Kg	03/01/12		H/J	SW8260
Acrylonitrile	ND	11	ug/Kg	03/01/12		H/J	SW8260
Benzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromoform	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromomethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chloroform	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	03/01/12		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Naphthalene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
o-Xylene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Styrene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Toluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	03/01/12		H/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	03/01/12		H/J	70 - 130 %
% Bromofluorobenzene	95		%	03/01/12		H/J	70 - 130 %
% Dibromofluoromethane	99		%	03/01/12		H/J	70 - 130 %

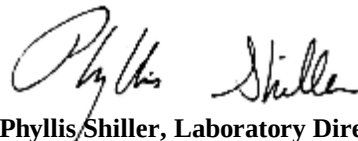
Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	100		%	03/01/12		H/J	70 - 130 %

Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

March 06, 2012



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 06, 2012

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

Sample Information

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

Custody Information

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

Date Time
02/27/12 7:20
02/27/12 16:41

Laboratory Data

SDG ID: GBB47591
Phoenix ID: BB47593

Project ID: 871 GRAND ST BROOKLYN NY

Client ID: B4 13-15 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	02/27/12		JL	E160.3

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trimethylbenzene	16	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
2-Hexanone	ND	28	ug/Kg	03/01/12		H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	03/01/12		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	28	ug/Kg	03/01/12		H/J	SW8260
Acrylonitrile	ND	11	ug/Kg	03/01/12		H/J	SW8260
Benzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Bromoform	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Chloroform	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Ethylbenzene	11	5.6	ug/Kg	03/01/12		H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
m&p-Xylene	20	5.6	ug/Kg	03/01/12		H/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	03/01/12		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Naphthalene	6.4	5.6	ug/Kg	03/01/12		H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
o-Xylene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Styrene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Toluene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Total Xylenes	20	5.6	ug/Kg	03/01/12		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	03/01/12		H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	03/01/12		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	03/01/12		H/J	70 - 130 %
% Bromofluorobenzene	95		%	03/01/12		H/J	70 - 130 %
% Dibromofluoromethane	100		%	03/01/12		H/J	70 - 130 %

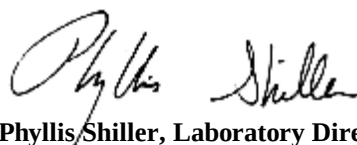
Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	102		%	03/01/12		H/J	70 - 130 %

Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

March 06, 2012



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 06, 2012

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

Sample Information

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

Custody Information

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

Date Time
02/27/12 8:00
02/27/12 16:41

Laboratory Data

SDG ID: GBB47591
Phoenix ID: BB47594

Project ID: 871 GRAND ST BROOKLYN NY

Client ID: B5 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	86		%	02/27/12		JL	E160.3
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,1,1-Trichloroethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,1,2-Trichloroethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloropropene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichloropropane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichlorobenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloroethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloropropane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichlorobenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichloropropane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
1,4-Dichlorobenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
2,2-Dichloropropane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
2-Chlorotoluene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
2-Hexanone	ND	29	ug/Kg	03/01/12		H/J	SW8260
2-Isopropyltoluene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
4-Chlorotoluene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	03/01/12		H/J	SW8260

Client ID: B5 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	29	ug/Kg	03/01/12		H/J	SW8260
Acrylonitrile	ND	12	ug/Kg	03/01/12		H/J	SW8260
Benzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Bromobenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Bromochloromethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Bromodichloromethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Bromoform	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Bromomethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Carbon Disulfide	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Carbon tetrachloride	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Chlorobenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Chloroethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Chloroform	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Chloromethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
cis-1,2-Dichloroethene	29	5.8	ug/Kg	03/01/12		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Dibromochloromethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Dibromoethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Dibromomethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Dichlorodifluoromethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Ethylbenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Hexachlorobutadiene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Isopropylbenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
m&p-Xylene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	03/01/12		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	03/01/12		H/J	SW8260
Methylene chloride	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Naphthalene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
n-Butylbenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
n-Propylbenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
o-Xylene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
p-Isopropyltoluene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
sec-Butylbenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Styrene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
tert-Butylbenzene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Tetrachloroethene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	03/01/12		H/J	SW8260
Toluene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Total Xylenes	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	03/01/12		H/J	SW8260
Trichloroethene	310 E	5.8	ug/Kg	03/01/12		H/J	SW8260
Trichlorofluoromethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Trichlorotrifluoroethane	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
Vinyl chloride	ND	5.8	ug/Kg	03/01/12		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	106		%	03/01/12		H/J	70 - 130 %
% Bromofluorobenzene	86		%	03/01/12		H/J	70 - 130 %
% Dibromofluoromethane	107		%	03/01/12		H/J	70 - 130 %

Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	108		%	03/01/12		H/J	70 - 130 %

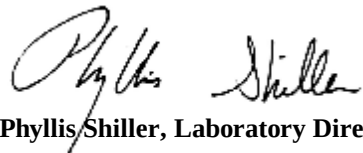
Comments:

E = Estimated value. Sample result was above the calibration range. Subsequent dilution did not correlate well with original analysis results. The higher result was reported.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
March 06, 2012



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 06, 2012

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

Sample Information

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

Custody Information

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

Date Time
02/27/12 8:10
02/27/12 16:41

Laboratory Data

SDG ID: GBB47591
Phoenix ID: BB47595

Project ID: 871 GRAND ST BROOKLYN NY

Client ID: B5 5-7 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	97		%	02/27/12		JL	E160.3

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,1,1-Trichloroethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,1,2-Trichloroethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloropropene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichloropropane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichlorobenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloroethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloropropane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichlorobenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichloropropane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
1,4-Dichlorobenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
2,2-Dichloropropane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
2-Chlorotoluene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
2-Hexanone	ND	26	ug/Kg	03/01/12		H/J	SW8260
2-Isopropyltoluene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
4-Chlorotoluene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
4-Methyl-2-pentanone	ND	26	ug/Kg	03/01/12		H/J	SW8260

Client ID: B5 5-7 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	26	ug/Kg	03/01/12		H/J	SW8260
Acrylonitrile	ND	10	ug/Kg	03/01/12		H/J	SW8260
Benzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Bromobenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Bromochloromethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Bromodichloromethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Bromoform	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Bromomethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Carbon Disulfide	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Carbon tetrachloride	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Chlorobenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Chloroethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Chloroform	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Chloromethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Dibromochloromethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Dibromoethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Dibromomethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Dichlorodifluoromethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Ethylbenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Hexachlorobutadiene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Isopropylbenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
m&p-Xylene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	03/01/12		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	03/01/12		H/J	SW8260
Methylene chloride	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Naphthalene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
n-Butylbenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
n-Propylbenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
o-Xylene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
p-Isopropyltoluene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
sec-Butylbenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Styrene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
tert-Butylbenzene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Tetrachloroethene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	03/01/12		H/J	SW8260
Toluene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Total Xylenes	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	03/01/12		H/J	SW8260
Trichloroethene	9.9	5.2	ug/Kg	03/01/12		H/J	SW8260
Trichlorofluoromethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Trichlorotrifluoroethane	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
Vinyl chloride	ND	5.2	ug/Kg	03/01/12		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101		%	03/01/12		H/J	70 - 130 %
% Bromofluorobenzene	93		%	03/01/12		H/J	70 - 130 %
% Dibromofluoromethane	101		%	03/01/12		H/J	70 - 130 %

Client ID: B5 5-7 FT

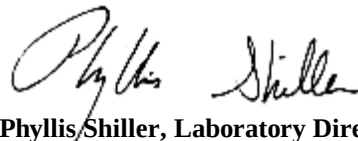
Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	101		%	03/01/12		H/J	70 - 130 %

Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

March 06, 2012



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Analysis Report

March 06, 2012

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

Sample Information

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

Custody Information

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

Date Time
02/27/12 8:20
02/27/12 16:41

Laboratory Data

SDG ID: GBB47591
Phoenix ID: BB47596

Project ID: 871 GRAND ST BROOKLYN NY

Client ID: B5 13-15 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	93		%	02/27/12		JL	E160.3

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
2-Hexanone	ND	27	ug/Kg	03/01/12		H/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	03/01/12		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	27	ug/Kg	03/01/12		H/J	SW8260
Acrylonitrile	ND	11	ug/Kg	03/01/12		H/J	SW8260
Benzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromoform	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromomethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chloroform	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	03/01/12		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Naphthalene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
o-Xylene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Styrene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Toluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	03/01/12		H/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	03/01/12		H/J	70 - 130 %
% Bromofluorobenzene	96		%	03/01/12		H/J	70 - 130 %
% Dibromofluoromethane	105		%	03/01/12		H/J	70 - 130 %

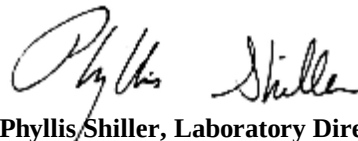
Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	100		%	03/01/12		H/J	70 - 130 %

Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

March 06, 2012



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 06, 2012

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

Sample Information

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

Custody Information

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

Date Time
02/27/12 9:00
02/27/12 16:41

Laboratory Data

SDG ID: GBB47591
Phoenix ID: BB47597

Project ID: 871 GRAND ST BROOKLYN NY

Client ID: B6 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	02/27/12		JL	E160.3

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
2-Hexanone	ND	28	ug/Kg	03/01/12		HM	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	03/01/12		HM	SW8260

Client ID: B6 0-2 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	28	ug/Kg	03/01/12		HM	SW8260
Acrylonitrile	ND	11	ug/Kg	03/01/12		HM	SW8260
Benzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Bromobenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Bromochloromethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Bromoform	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Bromomethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Chlorobenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Chloroethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Chloroform	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Chloromethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
cis-1,2-Dichloroethene	6.3	5.6	ug/Kg	03/01/12		HM	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Dibromoethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Dibromomethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Ethylbenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
m&p-Xylene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	03/01/12		HM	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	03/01/12		HM	SW8260
Methylene chloride	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Naphthalene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
o-Xylene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Styrene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	03/01/12		HM	SW8260
Toluene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Total Xylenes	ND	5.6	ug/Kg	03/01/12		HM	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	03/01/12		HM	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	03/01/12		HM	SW8260
Trichloroethene	41	5.6	ug/Kg	03/01/12		HM	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	03/01/12		HM	SW8260
Vinyl chloride	ND	5.6	ug/Kg	03/01/12		HM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	103		%	03/01/12		HM	70 - 130 %
% Bromofluorobenzene	94		%	03/01/12		HM	70 - 130 %
% Dibromofluoromethane	103		%	03/01/12		HM	70 - 130 %

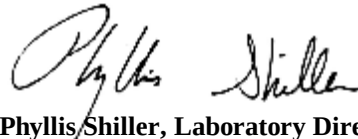
Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	100		%	03/01/12		HM	70 - 130 %

Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

March 06, 2012



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 06, 2012

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

Sample Information

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

Custody Information

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

Date Time
02/27/12 9:10
02/27/12 16:41

Laboratory Data

SDG ID: GBB47591
Phoenix ID: BB47598

Project ID: 871 GRAND ST BROOKLYN NY

Client ID: B6 5-7 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	93		%	02/27/12		JL	E160.3
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
2-Hexanone	ND	27	ug/Kg	03/01/12		H/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	03/01/12		H/J	SW8260

Client ID: B6 5-7 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	27	ug/Kg	03/01/12		H/J	SW8260
Acrylonitrile	ND	11	ug/Kg	03/01/12		H/J	SW8260
Benzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromoform	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Bromomethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chloroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chloroform	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Chloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	03/01/12		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Naphthalene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
o-Xylene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Styrene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Toluene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	03/01/12		H/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	03/01/12		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	104		%	03/01/12		H/J	70 - 130 %
% Bromofluorobenzene	97		%	03/01/12		H/J	70 - 130 %
% Dibromofluoromethane	105		%	03/01/12		H/J	70 - 130 %

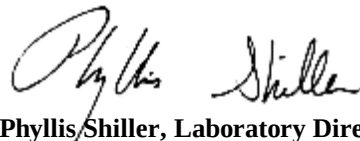
Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	101		%	03/01/12		H/J	70 - 130 %

Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

March 06, 2012



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 06, 2012

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

Sample Information

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

Custody Information

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

Date Time
02/27/12 9:20
02/27/12 16:41

Laboratory Data

SDG ID: GBB47591
Phoenix ID: BB47599

Project ID: 871 GRAND ST BROOKLYN NY

Client ID: B6 13-15 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	91		%	02/27/12		JL	E160.3

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,1,1-Trichloroethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,1,2-Trichloroethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloroethene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,1-Dichloropropene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,2,3-Trichloropropane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichlorobenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloroethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,2-Dichloropropane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichlorobenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,3-Dichloropropane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
1,4-Dichlorobenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
2,2-Dichloropropane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
2-Chlorotoluene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
2-Hexanone	ND	27	ug/Kg	03/01/12		H/J	SW8260
2-Isopropyltoluene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
4-Chlorotoluene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	03/01/12		H/J	SW8260

Client ID: B6 13-15 FT

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	27	ug/Kg	03/01/12		H/J	SW8260
Acrylonitrile	ND	11	ug/Kg	03/01/12		H/J	SW8260
Benzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Bromobenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Bromochloromethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Bromodichloromethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Bromoform	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Bromomethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Carbon Disulfide	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Carbon tetrachloride	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Chlorobenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Chloroethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Chloroform	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Chloromethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Dibromochloromethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Dibromoethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Dibromomethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Dichlorodifluoromethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Ethylbenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Hexachlorobutadiene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Isopropylbenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
m&p-Xylene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	03/01/12		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Methylene chloride	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Naphthalene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
n-Butylbenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
n-Propylbenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
o-Xylene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
p-Isopropyltoluene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
sec-Butylbenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Styrene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
tert-Butylbenzene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Tetrachloroethene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	03/01/12		H/J	SW8260
Toluene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Total Xylenes	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	03/01/12		H/J	SW8260
Trichloroethene	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Trichlorofluoromethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Trichlorotrifluoroethane	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
Vinyl chloride	ND	5.5	ug/Kg	03/01/12		H/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101		%	03/01/12		H/J	70 - 130 %
% Bromofluorobenzene	94		%	03/01/12		H/J	70 - 130 %
% Dibromofluoromethane	101		%	03/01/12		H/J	70 - 130 %

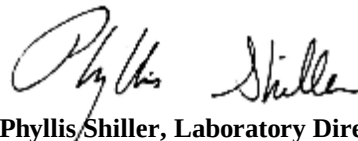
Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	99		%	03/01/12		H/J	70 - 130 %

Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

March 06, 2012



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

March 06, 2012

QA/QC Data

SDG I.D.: GBB47591

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 195290, QC Sample No: BB47581 (BB47591, BB47592, BB47594, BB47595, BB47596)									
Volatiles - Soil									
1,1,1,2-Tetrachloroethane	ND	107	108	0.9	89	101	12.6	70 - 130	30
1,1,1-Trichloroethane	ND	111	116	4.4	99	109	9.6	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	109	98	10.6	80	106	28.0	70 - 130	30
1,1,2-Trichloroethane	ND	121	105	14.2	89	111	22.0	70 - 130	30
1,1-Dichloroethane	ND	111	111	0.0	94	106	12.0	70 - 130	30
1,1-Dichloroethene	ND	98	121	21.0	106	98	7.8	70 - 130	30
1,1-Dichloropropene	ND	108	110	1.8	101	105	3.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	106	101	4.8	73	90	20.9	70 - 130	30
1,2,3-Trichloropropane	ND	123	105	15.8	84	110	26.8	70 - 130	30
1,2,4-Trichlorobenzene	ND	99	95	4.1	77	91	16.7	70 - 130	30
1,2,4-Trimethylbenzene	ND	110	114	3.6	96	107	10.8	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	117	102	13.7	75	111	38.7	70 - 130	30
1,2-Dichlorobenzene	ND	105	102	2.9	84	98	15.4	70 - 130	30
1,2-Dichloroethane	ND	112	100	11.3	86	102	17.0	70 - 130	30
1,2-Dichloropropane	ND	110	106	3.7	90	102	12.5	70 - 130	30
1,3,5-Trimethylbenzene	ND	112	117	4.4	97	107	9.8	70 - 130	30
1,3-Dichlorobenzene	ND	103	103	0.0	87	98	11.9	70 - 130	30
1,3-Dichloropropane	ND	114	105	8.2	85	105	21.1	70 - 130	30
1,4-Dichlorobenzene	ND	100	99	1.0	85	97	13.2	70 - 130	30
2,2-Dichloropropane	ND	104	108	3.8	93	101	8.2	70 - 130	30
2-Chlorotoluene	ND	108	111	2.7	93	105	12.1	70 - 130	30
2-Hexanone	ND	80	55	37.0	57	79	32.4	70 - 130	30
2-Isopropyltoluene	ND	109	114	4.5	97	106	8.9	70 - 130	30
4-Chlorotoluene	ND	102	104	1.9	92	103	11.3	70 - 130	30
4-Methyl-2-pentanone	ND	110	84	26.8	76	104	31.1	70 - 130	30
Acetone	ND	96	67	35.6	74	90	19.5	70 - 130	30
Acrylonitrile	ND	125	96	26.2	78	114	37.5	70 - 130	30
Benzene	ND	111	110	0.9	95	104	9.0	70 - 130	30
Bromobenzene	ND	107	106	0.9	87	100	13.9	70 - 130	30
Bromochloromethane	ND	120	106	12.4	88	109	21.3	70 - 130	30
Bromodichloromethane	ND	111	107	3.7	92	106	14.1	70 - 130	30
Bromoform	ND	112	100	11.3	80	109	30.7	70 - 130	30
Bromomethane	ND	113	125	10.1	106	110	3.7	70 - 130	30
Carbon Disulfide	ND	94	112	17.5	96	89	7.6	70 - 130	30
Carbon tetrachloride	ND	102	112	9.3	95	101	6.1	70 - 130	30
Chlorobenzene	ND	106	106	0.0	90	101	11.5	70 - 130	30
Chloroethane	ND	97	107	9.8	95	91	4.3	70 - 130	30
Chloroform	ND	117	116	0.9	98	110	11.5	70 - 130	30
Chloromethane	ND	101	106	4.8	85	81	4.8	70 - 130	30
cis-1,2-Dichloroethene	ND	114	114	0.0	94	105	11.1	70 - 130	30
cis-1,3-Dichloropropene	ND	106	102	3.8	85	97	13.2	70 - 130	30

QA/QC Data

SDG I.D.: GBB47591

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Dibromochloromethane	ND	110	104	5.6	82	105	24.6	70 - 130	30	
Dibromoethane	ND	120	103	15.2	87	108	21.5	70 - 130	30	
Dibromomethane	ND	117	105	10.8	87	108	21.5	70 - 130	30	
Dichlorodifluoromethane	ND	115	116	0.9	84	89	5.8	70 - 130	30	
Ethylbenzene	ND	108	111	2.7	95	104	9.0	70 - 130	30	
Hexachlorobutadiene	ND	105	111	5.6	91	98	7.4	70 - 130	30	
Isopropylbenzene	ND	108	114	5.4	98	107	8.8	70 - 130	30	
m&p-Xylene	ND	109	109	0.0	96	105	9.0	70 - 130	30	
Methyl ethyl ketone	ND	89	57	43.8	61	85	32.9	70 - 130	30	I,m,r
Methyl t-butyl ether (MTBE)	ND	108	98	9.7	84	101	18.4	70 - 130	30	
Methylene chloride	ND	100	113	12.2	93	90	3.3	70 - 130	30	
Naphthalene	ND	120	105	13.3	73	103	34.1	70 - 130	30	r
n-Butylbenzene	ND	111	118	6.1	101	108	6.7	70 - 130	30	
n-Propylbenzene	ND	103	107	3.8	97	108	10.7	70 - 130	30	
o-Xylene	ND	110	109	0.9	95	106	10.9	70 - 130	30	
p-Isopropyltoluene	ND	115	119	3.4	99	108	8.7	70 - 130	30	
sec-Butylbenzene	ND	109	115	5.4	99	108	8.7	70 - 130	30	
Styrene	ND	110	107	2.8	91	103	12.4	70 - 130	30	
tert-Butylbenzene	ND	109	116	6.2	99	108	8.7	70 - 130	30	
Tetrachloroethene	ND	102	105	2.9	94	102	8.2	70 - 130	30	
Tetrahydrofuran (THF)	ND	122	94	25.9	79	111	33.7	70 - 130	30	r
Toluene	ND	113	111	1.8	96	105	9.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	95	133	33.3	115	92	22.2	70 - 130	30	I,r
trans-1,3-Dichloropropene	ND	111	101	9.4	84	99	16.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	110	101	8.5	77	101	27.0	70 - 130	30	
Trichloroethene	ND	112	112	0.0	100	108	7.7	70 - 130	30	
Trichlorofluoromethane	ND	130	>150	NC	113	108	4.5	70 - 130	30	I
Trichlorotrifluoroethane	ND	105	122	15.0	110	105	4.7	70 - 130	30	
Vinyl chloride	ND	97	102	5.0	81	84	3.6	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	102	100	2.0	100	104	3.9	70 - 130	30	
% Bromofluorobenzene	94	103	100	3.0	99	102	3.0	70 - 130	30	
% Dibromofluoromethane	101	104	100	3.9	102	103	1.0	70 - 130	30	
% Toluene-d8	99	103	101	2.0	102	102	0.0	70 - 130	30	

QA/QC Batch 195438, QC Sample No: BB47593 (BB47591 (50X) , BB47593, BB47597, BB47598, BB47599)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	114	112	1.8	102	106	3.8	70 - 130	30	
1,1,1-Trichloroethane	ND	116	112	3.5	111	111	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	103	107	3.8	101	113	11.2	70 - 130	30	
1,1,2-Trichloroethane	ND	113	122	7.7	98	112	13.3	70 - 130	30	
1,1-Dichloroethane	ND	112	108	3.6	106	107	0.9	70 - 130	30	
1,1-Dichloroethene	ND	117	95	20.8	118	100	16.5	70 - 130	30	
1,1-Dichloropropene	ND	112	105	6.5	103	102	1.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	105	107	1.9	88	90	2.2	70 - 130	30	
1,2,3-Trichloropropane	ND	113	117	3.5	94	108	13.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	100	96	4.1	87	86	1.2	70 - 130	30	
1,2,4-Trimethylbenzene	ND	116	107	8.1	78	73	6.6	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	111	130	15.8	93	109	15.8	70 - 130	30	
1,2-Dichlorobenzene	ND	107	103	3.8	96	96	0.0	70 - 130	30	
1,2-Dichloroethane	ND	109	113	3.6	96	103	7.0	70 - 130	30	
1,2-Dichloropropane	ND	110	110	0.0	100	103	3.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	120	110	8.7	103	95	8.1	70 - 130	30	
1,3-Dichlorobenzene	ND	108	100	7.7	98	95	3.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBB47591

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3-Dichloropropane	ND	112	117	4.4	96	108	11.8	70 - 130	30	
1,4-Dichlorobenzene	ND	104	98	5.9	95	93	2.1	70 - 130	30	
2,2-Dichloropropane	ND	107	102	4.8	98	97	1.0	70 - 130	30	
2-Chlorotoluene	ND	115	106	8.1	106	99	6.8	70 - 130	30	
2-Hexanone	ND	77	85	9.9	44	55	22.2	70 - 130	30	m
2-Isopropyltoluene	ND	116	107	8.1	113	104	8.3	70 - 130	30	
4-Chlorotoluene	ND	109	99	9.6	102	98	4.0	70 - 130	30	
4-Methyl-2-pentanone	ND	96	111	14.5	79	102	25.4	70 - 130	30	
Acetone	ND	96	102	6.1	<40	40	NC	70 - 130	30	m
Acrylonitrile	ND	104	125	18.3	90	117	26.1	70 - 130	30	
Benzene	ND	113	109	3.6	99	99	0.0	70 - 130	30	
Bromobenzene	ND	113	106	6.4	100	97	3.0	70 - 130	30	
Bromochloromethane	ND	110	120	8.7	101	115	13.0	70 - 130	30	
Bromodichloromethane	ND	115	117	1.7	102	107	4.8	70 - 130	30	
Bromoform	ND	116	128	9.8	97	112	14.4	70 - 130	30	
Bromomethane	ND	127	126	0.8	127	116	9.1	70 - 130	30	
Carbon Disulfide	ND	112	93	18.5	106	93	13.1	70 - 130	30	
Carbon tetrachloride	ND	115	106	8.1	105	101	3.9	70 - 130	30	
Chlorobenzene	ND	107	104	2.8	101	102	1.0	70 - 130	30	
Chloroethane	ND	109	94	14.8	102	95	7.1	70 - 130	30	
Chloroform	ND	118	117	0.9	109	113	3.6	70 - 130	30	
Chloromethane	ND	103	94	9.1	93	88	5.5	70 - 130	30	
cis-1,2-Dichloroethene	ND	115	113	1.8	108	110	1.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	107	108	0.9	95	99	4.1	70 - 130	30	
Dibromochloromethane	ND	116	121	4.2	100	108	7.7	70 - 130	30	
Dibromoethane	ND	112	121	7.7	97	112	14.4	70 - 130	30	
Dibromomethane	ND	113	121	6.8	99	110	10.5	70 - 130	30	
Dichlorodifluoromethane	ND	116	112	3.5	87	86	1.2	70 - 130	30	
Ethylbenzene	ND	111	106	4.6	86	84	2.4	70 - 130	30	
Hexachlorobutadiene	ND	111	104	6.5	112	103	8.4	70 - 130	30	
Isopropylbenzene	ND	117	105	10.8	112	103	8.4	70 - 130	30	
m&p-Xylene	ND	112	106	5.5	88	87	1.1	70 - 130	30	
Methyl ethyl ketone	ND	79	93	16.3	41	53	25.5	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	106	108	1.9	92	102	10.3	70 - 130	30	
Methylene chloride	ND	115	98	16.0	107	94	12.9	70 - 130	30	
Naphthalene	ND	113	122	7.7	83	92	10.3	70 - 130	30	
n-Butylbenzene	ND	119	105	12.5	111	99	11.4	70 - 130	30	
n-Propylbenzene	ND	110	99	10.5	105	98	6.9	70 - 130	30	
o-Xylene	ND	111	107	3.7	106	106	0.0	70 - 130	30	
p-Isopropyltoluene	ND	122	110	10.3	111	103	7.5	70 - 130	30	
sec-Butylbenzene	ND	117	106	9.9	94	85	10.1	70 - 130	30	
Styrene	ND	109	109	0.0	102	104	1.9	70 - 130	30	
tert-Butylbenzene	ND	119	108	9.7	115	106	8.1	70 - 130	30	
Tetrachloroethene	ND	108	98	9.7	103	100	3.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	102	123	18.7	90	114	23.5	70 - 130	30	
Toluene	ND	113	110	2.7	106	106	0.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	125	93	29.4	125	96	26.2	70 - 130	30	
trans-1,3-Dichloropropene	ND	108	112	3.6	93	100	7.3	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	112	116	3.5	86	97	12.0	70 - 130	30	
Trichloroethene	ND	117	111	5.3	102	101	1.0	70 - 130	30	
Trichlorofluoromethane	ND	>150	128	NC	128	114	11.6	70 - 130	30	l
Trichlorotrifluoroethane	ND	122	101	18.8	119	106	11.6	70 - 130	30	
Vinyl chloride	ND	102	94	8.2	89	87	2.3	70 - 130	30	

QA/QC Data

SDG I.D.: GBB47591

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 1,2-dichlorobenzene-d4	105	101	102	1.0	101	102	1.0	70 - 130	30
% Bromofluorobenzene	97	100	103	3.0	97	100	3.0	70 - 130	30
% Dibromofluoromethane	100	98	101	3.0	105	102	2.9	70 - 130	30
% Toluene-d8	100	101	103	2.0	101	102	1.0	70 - 130	30

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.

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

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

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

RPD - Relative Percent Difference

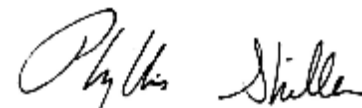
LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria



Phyllis Shiller, Laboratory Director
March 06, 2012



Thursday, February 09, 2012

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

Project ID: 811 GRAND ST.
Sample ID#s: BB39466 - BB39475

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

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

February 09, 2012

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

Sample Information

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

Custody Information

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

Date Time
01/31/12 0:00
02/01/12 17:42

Laboratory Data

SDG ID: GBB39466
Phoenix ID: BB39466

Project ID: 811 GRAND ST.

Client ID: B1 0-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	0.62	0.36	mg/Kg	02/02/12		EK	6010/200.7
Aluminum	6630	54	mg/Kg	02/05/12		LK	6010/200.7
Arsenic	15.5	0.72	mg/Kg	02/02/12		EK	6010/200.7
Barium	88.6	0.36	mg/Kg	02/02/12		EK	6010/200.7
Beryllium	< 0.29	0.29	mg/Kg	02/02/12		EK	6010/200.7
Calcium	14400	54	mg/Kg	02/05/12		LK	6010/200.7
Cadmium	1.37	0.36	mg/Kg	02/05/12		LK	6010/200.7
Cobalt	7.03	0.36	mg/Kg	02/05/12		LK	6010/200.7
Chromium	26.6	0.36	mg/Kg	02/02/12		EK	6010/200.7
Copper	71.2	0.36	mg/kg	02/02/12		EK	6010/200.7
Iron	41400	54	mg/Kg	02/05/12		LK	6010/200.7
Mercury	0.52	0.08	mg/Kg	02/02/12		RS	SW-7471
Potassium	1010	5.4	mg/Kg	02/02/12		EK	6010/200.7
Magnesium	2070	5.4	mg/Kg	02/05/12		LK	6010/200.7
Manganese	378	3.6	mg/Kg	02/05/12		LK	6010/200.7
Sodium	223	5.4	mg/Kg	02/02/12		EK	6010/200.7
Nickel	16.5	0.36	mg/Kg	02/05/12		LK	6010/200.7
Lead	395	3.6	mg/Kg	02/05/12		LK	6010/200.7
Antimony	< 3.6	3.6	mg/Kg	02/02/12		EK	6010/200.7
Selenium	< 1.4	1.4	mg/Kg	02/02/12		EK	6010/200.7
Thallium	< 3.2	3.2	mg/Kg	02/02/12		EK	6010/200.7
Total Metals Digest	Completed			02/01/12		AG	SW846 - 3050
Vanadium	36.9	0.36	mg/Kg	02/02/12		EK	6010/200.7
Zinc	198	0.36	mg/Kg	02/05/12		LK	6010/200.7
Percent Solid	90		%	02/01/12		JL	E160.3
Soil Extraction for PCB	Completed			02/01/12		CB/F	SW3545
Soil Extraction for Pesticide	Completed			02/01/12		CB	SW3545
Soil Extraction for SVOA	Completed			02/01/12		CC/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			02/02/12		D	SW7471
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	18000	ug/Kg	02/02/12		MH	SW 8082
PCB-1221	ND	18000	ug/Kg	02/02/12		MH	SW 8082
PCB-1232	ND	18000	ug/Kg	02/02/12		MH	SW 8082
PCB-1242	ND	18000	ug/Kg	02/02/12		MH	SW 8082
PCB-1248	ND	18000	ug/Kg	02/02/12		MH	SW 8082
PCB-1254	ND	18000	ug/Kg	02/02/12		MH	SW 8082
PCB-1260	ND	18000	ug/Kg	02/02/12		MH	SW 8082
PCB-1262	ND	18000	ug/Kg	02/02/12		MH	SW 8082
PCB-1268	ND	18000	ug/Kg	02/02/12		MH	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	02/02/12		MH	30 - 150 %
% TCMX	Diluted Out		%	02/02/12		MH	30 - 150 %
<u>Pesticides</u>							
4,4' -DDD	29000	3500	ug/Kg	02/02/12		MR	SW8081
4,4' -DDE	1900	350	ug/Kg	02/02/12		MR	SW8081
4,4' -DDT	1400	350	ug/Kg	02/02/12		MR	SW8081
a-BHC	ND	180	ug/Kg	02/02/12		MR	SW8081
Alachlor	ND	180	ug/Kg	02/02/12		MR	SW8081
Aldrin	ND	370	ug/Kg	02/02/12		MR	SW8081
b-BHC	ND	180	ug/Kg	02/02/12		MR	SW8081
Chlordane	47000	920	ug/Kg	02/02/12		MR	SW8081
d-BHC	ND	180	ug/Kg	02/02/12		MR	SW8081
Dieldrin	14000	280	ug/Kg	02/02/12		MR	SW8081
Endosulfan I	ND	180	ug/Kg	02/02/12		MR	SW8081
Endosulfan II	ND	350	ug/Kg	02/02/12		MR	SW8081
Endosulfan sulfate	ND	350	ug/Kg	02/02/12		MR	SW8081
Endrin	ND	550	ug/Kg	02/02/12		MR	SW8081
Endrin aldehyde	ND	350	ug/Kg	02/02/12		MR	SW8081
Endrin ketone	ND	350	ug/Kg	02/02/12		MR	SW8081
g-BHC	ND	730	ug/Kg	02/02/12		MR	SW8081
Heptachlor	ND	110	ug/Kg	02/02/12		MR	SW8081
Heptachlor epoxide	ND	180	ug/Kg	02/02/12		MR	SW8081
Methoxychlor	ND	1800	ug/Kg	02/02/12		MR	SW8081
Toxaphene	ND	1800	ug/Kg	02/02/12		MR	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	86		%	02/02/12		MR	30 - 150 %
% TCMX	109		%	02/02/12		MR	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,1,1-Trichloroethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,1,2-Trichloroethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethene	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloropropene	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,2,3-Trichlorobenzene	490	280	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trichlorobenzene	1600	280	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trimethylbenzene	580	280	ug/Kg	02/01/12		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichlorobenzene	20000	1400	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloroethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloropropane	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,3,5-Trimethylbenzene	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichlorobenzene	7800	280	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichloropropane	ND	280	ug/Kg	02/01/12		R/J	SW8260
1,4-Dichlorobenzene	8400	280	ug/Kg	02/01/12		R/J	SW8260
2,2-Dichloropropane	ND	280	ug/Kg	02/01/12		R/J	SW8260
2-Chlorotoluene	ND	280	ug/Kg	02/01/12		R/J	SW8260
2-Hexanone	ND	1400	ug/Kg	02/01/12		R/J	SW8260
2-Isopropyltoluene	ND	280	ug/Kg	02/01/12		R/J	SW8260
4-Chlorotoluene	ND	280	ug/Kg	02/01/12		R/J	SW8260
4-Methyl-2-pentanone	ND	1400	ug/Kg	02/01/12		R/J	SW8260
Acetone	ND	1400	ug/Kg	02/01/12		R/J	SW8260
Acrylonitrile	ND	560	ug/Kg	02/01/12		R/J	SW8260
Benzene	ND	280	ug/Kg	02/01/12		R/J	SW8260
Bromobenzene	ND	280	ug/Kg	02/01/12		R/J	SW8260
Bromochloromethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
Bromodichloromethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
Bromoform	ND	280	ug/Kg	02/01/12		R/J	SW8260
Bromomethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
Carbon Disulfide	ND	280	ug/Kg	02/01/12		R/J	SW8260
Carbon tetrachloride	ND	280	ug/Kg	02/01/12		R/J	SW8260
Chlorobenzene	310	280	ug/Kg	02/01/12		R/J	SW8260
Chloroethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
Chloroform	ND	280	ug/Kg	02/01/12		R/J	SW8260
Chloromethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
cis-1,2-Dichloroethene	27000	1400	ug/Kg	02/01/12		R/J	SW8260
cis-1,3-Dichloropropene	ND	280	ug/Kg	02/01/12		R/J	SW8260
Dibromochloromethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
Dibromoethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
Dibromomethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
Dichlorodifluoromethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
Ethylbenzene	ND	280	ug/Kg	02/01/12		R/J	SW8260
Hexachlorobutadiene	ND	280	ug/Kg	02/01/12		R/J	SW8260
Isopropylbenzene	ND	280	ug/Kg	02/01/12		R/J	SW8260
m&p-Xylene	ND	280	ug/Kg	02/01/12		R/J	SW8260
Methyl Ethyl Ketone	ND	1400	ug/Kg	02/01/12		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	560	ug/Kg	02/01/12		R/J	SW8260
Methylene chloride	ND	280	ug/Kg	02/01/12		R/J	SW8260
Naphthalene	1500	280	ug/Kg	02/01/12		R/J	SW8260
n-Butylbenzene	ND	280	ug/Kg	02/01/12		R/J	SW8260
n-Propylbenzene	ND	280	ug/Kg	02/01/12		R/J	SW8260
o-Xylene	ND	280	ug/Kg	02/01/12		R/J	SW8260
p-Isopropyltoluene	ND	280	ug/Kg	02/01/12		R/J	SW8260
sec-Butylbenzene	ND	280	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	280	ug/Kg	02/01/12		R/J	SW8260
tert-Butylbenzene	ND	280	ug/Kg	02/01/12		R/J	SW8260
Tetrachloroethene	4000	280	ug/Kg	02/01/12		R/J	SW8260
Tetrahydrofuran (THF)	ND	560	ug/Kg	02/01/12		R/J	SW8260
Toluene	ND	280	ug/Kg	02/01/12		R/J	SW8260
Total Xylenes	ND	280	ug/Kg	02/01/12		R/J	SW8260
trans-1,2-Dichloroethene	ND	280	ug/Kg	02/01/12		R/J	SW8260
trans-1,3-Dichloropropene	ND	280	ug/Kg	02/01/12		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	560	ug/Kg	02/01/12		R/J	SW8260
Trichloroethene	110000	5600	ug/Kg	02/01/12		R/J	SW8260
Trichlorofluoromethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
Trichlorotrifluoroethane	ND	280	ug/Kg	02/01/12		R/J	SW8260
Vinyl chloride	ND	280	ug/Kg	02/01/12		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	92		%	02/01/12		R/J	70 - 130 %
% Bromofluorobenzene	103		%	02/01/12		R/J	70 - 130 %
% Dibromofluoromethane	102		%	02/01/12		R/J	70 - 130 %
% Toluene-d8	110		%	02/01/12		R/J	70 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	02/02/12		K/P	SW 8270
1,2,4-Trichlorobenzene	1500	260	ug/Kg	02/02/12		K/P	SW 8270
1,2-Dichlorobenzene	9800	260	ug/Kg	02/02/12		K/P	SW 8270
1,3-Dichlorobenzene	7800	260	ug/Kg	02/02/12		K/P	SW 8270
1,4-Dichlorobenzene	9100	260	ug/Kg	02/02/12		K/P	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	02/02/12		K/P	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	02/02/12		K/P	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	02/02/12		K/P	SW 8270
2,4-Dimethylphenol	1700	260	ug/Kg	02/02/12		K/P	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	02/02/12		K/P	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	02/02/12		K/P	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	02/02/12		K/P	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	02/02/12		K/P	SW 8270
2-Chlorophenol	ND	260	ug/Kg	02/02/12		K/P	SW 8270
2-Methylnaphthalene	3800	260	ug/Kg	02/02/12		K/P	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	02/02/12		K/P	SW 8270
2-Nitroaniline	ND	590	ug/Kg	02/02/12		K/P	SW 8270
2-Nitrophenol	ND	260	ug/Kg	02/02/12		K/P	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	02/02/12		K/P	SW 8270
3,3'-Dichlorobenzidine	ND	260	ug/Kg	02/02/12		K/P	SW 8270
3-Nitroaniline	ND	590	ug/Kg	02/02/12		K/P	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	02/02/12		K/P	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	02/02/12		K/P	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	02/02/12		K/P	SW 8270
4-Chloroaniline	ND	260	ug/Kg	02/02/12		K/P	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	02/02/12		K/P	SW 8270
4-Nitroaniline	ND	590	ug/Kg	02/02/12		K/P	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	02/02/12		K/P	SW 8270
Acenaphthene	470	260	ug/Kg	02/02/12		K/P	SW 8270
Acenaphthylene	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Acetophenone	ND	260	ug/Kg	02/02/12		K/P	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1100	ug/Kg	02/02/12		K/P	SW 8270
Anthracene	540	260	ug/Kg	02/02/12		K/P	SW 8270
Azobenzene	ND	370	ug/Kg	02/02/12		K/P	SW 8270
Benz(a)anthracene	670	260	ug/Kg	02/02/12		K/P	SW 8270
Benidine	ND	440	ug/Kg	02/02/12		K/P	SW 8270
Benzo(a)pyrene	510	260	ug/Kg	02/02/12		K/P	SW 8270
Benzo(b)fluoranthene	980	260	ug/Kg	02/02/12		K/P	SW 8270
Benzo(ghi)perylene	290	260	ug/Kg	02/02/12		K/P	SW 8270
Benzo(k)fluoranthene	300	260	ug/Kg	02/02/12		K/P	SW 8270
Benzoic acid	ND	1100	ug/Kg	02/02/12		K/P	SW 8270
Benzyl butyl phthalate	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	02/02/12		K/P	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Bis(2-ethylhexyl)phthalate	1200	260	ug/Kg	02/02/12		K/P	SW 8270
Carbazole	1000	550	ug/Kg	02/02/12		K/P	SW 8270
Chrysene	730	260	ug/Kg	02/02/12		K/P	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Dibenzofuran	860	260	ug/Kg	02/02/12		K/P	SW 8270
Diethyl phthalate	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Dimethylphthalate	1700	260	ug/Kg	02/02/12		K/P	SW 8270
Di-n-butylphthalate	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Di-n-octylphthalate	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Fluoranthene	2400	260	ug/Kg	02/02/12		K/P	SW 8270
Fluorene	320	260	ug/Kg	02/02/12		K/P	SW 8270
Hexachlorobenzene	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Hexachlorobutadiene	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Hexachlorocyclopentadiene	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Hexachloroethane	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Isophorone	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Naphthalene	930	260	ug/Kg	02/02/12		K/P	SW 8270
Nitrobenzene	ND	260	ug/Kg	02/02/12		K/P	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	02/02/12		K/P	SW 8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	02/02/12		K/P	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	02/02/12		K/P	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	02/02/12		K/P	SW 8270
Pentachlorophenol	930	370	ug/Kg	02/02/12		K/P	SW 8270
Phenanthrene	3200	260	ug/Kg	02/02/12		K/P	SW 8270
Phenol	ND	260	ug/Kg	02/02/12		K/P	SW 8270
Pyrene	1900	260	ug/Kg	02/02/12		K/P	SW 8270
Pyridine	ND	370	ug/Kg	02/02/12		K/P	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	120		%	02/02/12		K/P	15 - 130 %
% 2-Fluorobiphenyl	90		%	02/02/12		K/P	15 - 130 %
% 2-Fluorophenol	92		%	02/02/12		K/P	15 - 130 %
% Nitrobenzene-d5	88		%	02/02/12		K/P	15 - 130 %
% Phenol-d5	86		%	02/02/12		K/P	15 - 130 %
% Terphenyl-d14	83		%	02/02/12		K/P	15 - 130 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

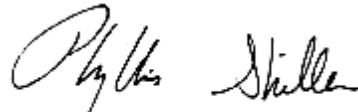
* For PCBs, due to matrix interference from Chlordane in the sample, an elevated RL was reported.

* For Pesticides, due to matrix interference from chlordane in the sample an elevated RL was reported.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

February 09, 2012



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



Analysis Report

February 09, 2012

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

Sample Information

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

Custody Information

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

Date Time
01/31/12 0:00
02/01/12 17:42

Laboratory Data

SDG ID: GBB39466
Phoenix ID: BB39467

Project ID: 811 GRAND ST.

Client ID: B1 12-14

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	02/02/12		EK	6010/200.7
Aluminum	8020	56	mg/Kg	02/05/12		LK	6010/200.7
Arsenic	0.98	0.75	mg/Kg	02/02/12		EK	6010/200.7
Barium	40.7	0.37	mg/Kg	02/02/12		EK	6010/200.7
Beryllium	0.34	0.30	mg/Kg	02/02/12		EK	6010/200.7
Calcium	929	5.6	mg/Kg	02/05/12		LK	6010/200.7
Cadmium	0.60	0.37	mg/Kg	02/05/12		LK	6010/200.7
Cobalt	6.16	0.37	mg/Kg	02/05/12		LK	6010/200.7
Chromium	17.5	0.37	mg/Kg	02/02/12		EK	6010/200.7
Copper	21.8	0.37	mg/kg	02/02/12		EK	6010/200.7
Iron	26300	56	mg/Kg	02/05/12		LK	6010/200.7
Mercury	< 0.06	0.06	mg/Kg	02/02/12		RS	SW-7471
Potassium	1490	5.6	mg/Kg	02/02/12		EK	6010/200.7
Magnesium	2850	5.6	mg/Kg	02/05/12		LK	6010/200.7
Manganese	399	3.7	mg/Kg	02/05/12		LK	6010/200.7
Sodium	157	5.6	mg/Kg	02/02/12		EK	6010/200.7
Nickel	10.1	0.37	mg/Kg	02/05/12		LK	6010/200.7
Lead	8.75	0.37	mg/Kg	02/02/12		EK	6010/200.7
Antimony	< 3.7	3.7	mg/Kg	02/02/12		EK	6010/200.7
Selenium	< 1.5	1.5	mg/Kg	02/02/12		EK	6010/200.7
Thallium	< 3.4	3.4	mg/Kg	02/02/12		EK	6010/200.7
Total Metals Digest	Completed			02/01/12		AG	SW846 - 3050
Vanadium	34.2	0.37	mg/Kg	02/02/12		EK	6010/200.7
Zinc	44.3	0.37	mg/Kg	02/02/12		EK	6010/200.7
Percent Solid	93		%	02/01/12		JL	E160.3
Soil Extraction for PCB	Completed			02/01/12		CB/F	SW3545
Soil Extraction for Pesticide	Completed			02/01/12		CB	SW3545
Soil Extraction for SVOA	Completed			02/01/12		CC/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			02/02/12		D	SW7471
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	350	ug/Kg	02/02/12		MH	SW 8082
PCB-1221	ND	350	ug/Kg	02/02/12		MH	SW 8082
PCB-1232	ND	350	ug/Kg	02/02/12		MH	SW 8082
PCB-1242	ND	350	ug/Kg	02/02/12		MH	SW 8082
PCB-1248	ND	350	ug/Kg	02/02/12		MH	SW 8082
PCB-1254	ND	350	ug/Kg	02/02/12		MH	SW 8082
PCB-1260	ND	350	ug/Kg	02/02/12		MH	SW 8082
PCB-1262	ND	350	ug/Kg	02/02/12		MH	SW 8082
PCB-1268	ND	350	ug/Kg	02/02/12		MH	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	100		%	02/02/12		MH	30 - 150 %
% TCMX	95		%	02/02/12		MH	30 - 150 %
<u>Pesticides</u>							
4,4' -DDD	ND	33	ug/Kg	02/02/12		MR	SW8081
4,4' -DDE	ND	33	ug/Kg	02/02/12		MR	SW8081
4,4' -DDT	ND	33	ug/Kg	02/02/12		MR	SW8081
a-BHC	ND	17	ug/Kg	02/02/12		MR	SW8081
Alachlor	ND	17	ug/Kg	02/02/12		MR	SW8081
Aldrin	ND	5.2	ug/Kg	02/02/12		MR	SW8081
b-BHC	ND	17	ug/Kg	02/02/12		MR	SW8081
Chlordane	ND	52	ug/Kg	02/02/12		MR	SW8081
d-BHC	ND	17	ug/Kg	02/02/12		MR	SW8081
Dieldrin	ND	5.2	ug/Kg	02/02/12		MR	SW8081
Endosulfan I	ND	17	ug/Kg	02/02/12		MR	SW8081
Endosulfan II	ND	33	ug/Kg	02/02/12		MR	SW8081
Endosulfan sulfate	ND	33	ug/Kg	02/02/12		MR	SW8081
Endrin	ND	33	ug/Kg	02/02/12		MR	SW8081
Endrin aldehyde	ND	33	ug/Kg	02/02/12		MR	SW8081
Endrin ketone	ND	33	ug/Kg	02/02/12		MR	SW8081
g-BHC	ND	5.2	ug/Kg	02/02/12		MR	SW8081
Heptachlor	ND	10	ug/Kg	02/02/12		MR	SW8081
Heptachlor epoxide	ND	17	ug/Kg	02/02/12		MR	SW8081
Methoxychlor	ND	170	ug/Kg	02/02/12		MR	SW8081
Toxaphene	ND	170	ug/Kg	02/02/12		MR	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	89		%	02/02/12		MR	30 - 150 %
% TCMX	92		%	02/02/12		MR	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	02/01/12		R/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	02/01/12		R/J	SW8260
Acetone	ND	27	ug/Kg	02/01/12		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	02/01/12		R/J	SW8260
Benzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Bromoform	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Bromomethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Chloroethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Chloroform	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Chloromethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	02/01/12		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	02/01/12		R/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Naphthalene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
o-Xylene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	02/01/12		R/J	SW8260
Toluene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	02/01/12		R/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	02/01/12		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	02/01/12		R/J	70 - 130 %
% Bromofluorobenzene	94		%	02/01/12		R/J	70 - 130 %
% Dibromofluoromethane	85		%	02/01/12		R/J	70 - 130 %
% Toluene-d8	99		%	02/01/12		R/J	70 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2-Chlorophenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2-Nitroaniline	ND	570	ug/Kg	02/02/12		KCA	SW 8270
2-Nitrophenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	02/02/12		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	250	ug/Kg	02/02/12		KCA	SW 8270
3-Nitroaniline	ND	570	ug/Kg	02/02/12		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	02/02/12		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	02/02/12		KCA	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
4-Chloroaniline	ND	250	ug/Kg	02/02/12		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	02/02/12		KCA	SW 8270
4-Nitroaniline	ND	570	ug/Kg	02/02/12		KCA	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthylene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Acetophenone	ND	250	ug/Kg	02/02/12		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1000	ug/Kg	02/02/12		KCA	SW 8270
Anthracene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Azobenzene	ND	350	ug/Kg	02/02/12		KCA	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Benidine	ND	430	ug/Kg	02/02/12		KCA	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Benzoic acid	ND	1000	ug/Kg	02/02/12		KCA	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Carbazole	ND	530	ug/Kg	02/02/12		KCA	SW 8270
Chrysene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Dibenzofuran	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Diethyl phthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Dimethylphthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Fluoranthene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Fluorene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Hexachloroethane	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Isophorone	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Naphthalene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Nitrobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	02/02/12		KCA	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	02/02/12		KCA	SW 8270
Pentachlorophenol	ND	350	ug/Kg	02/02/12		KCA	SW 8270
Phenanthrene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Phenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Pyrene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Pyridine	ND	350	ug/Kg	02/02/12		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	117		%	02/02/12		KCA	15 - 130 %
% 2-Fluorobiphenyl	86		%	02/02/12		KCA	15 - 130 %
% 2-Fluorophenol	90		%	02/02/12		KCA	15 - 130 %
% Nitrobenzene-d5	91		%	02/02/12		KCA	15 - 130 %
% Phenol-d5	84		%	02/02/12		KCA	15 - 130 %
% Terphenyl-d14	86		%	02/02/12		KCA	15 - 130 %

Project ID: 811 GRAND ST.

Phoenix I.D.: BB39467

Client ID: B1 12-14

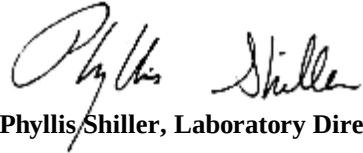
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

February 09, 2012



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



Analysis Report

February 09, 2012

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

Sample Information

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

Custody Information

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

Date

01/31/12

Time

0:00

02/01/12

17:42

Laboratory Data

SDG ID: GBB39466

Phoenix ID: BB39468

Project ID: 811 GRAND ST.

Client ID: B2 0-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.30	0.30	mg/Kg	02/02/12		EK	6010/200.7
Aluminum	6600	45	mg/Kg	02/05/12		LK	6010/200.7
Arsenic	< 0.61	0.61	mg/Kg	02/02/12		EK	6010/200.7
Barium	27.9	0.30	mg/Kg	02/02/12		EK	6010/200.7
Beryllium	0.26	0.24	mg/Kg	02/02/12		EK	6010/200.7
Calcium	831	4.5	mg/Kg	02/05/12		LK	6010/200.7
Cadmium	0.48	0.30	mg/Kg	02/05/12		LK	6010/200.7
Cobalt	5.53	0.30	mg/Kg	02/05/12		LK	6010/200.7
Chromium	13.0	0.30	mg/Kg	02/02/12		EK	6010/200.7
Copper	12.4	0.30	mg/kg	02/02/12		EK	6010/200.7
Iron	20100	45	mg/Kg	02/05/12		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	02/02/12		RS	SW-7471
Potassium	727	4.5	mg/Kg	02/02/12		EK	6010/200.7
Magnesium	2250	4.5	mg/Kg	02/05/12		LK	6010/200.7
Manganese	508	3.0	mg/Kg	02/05/12		LK	6010/200.7
Sodium	71.2	4.5	mg/Kg	02/02/12		EK	6010/200.7
Nickel	10.0	0.30	mg/Kg	02/05/12		LK	6010/200.7
Lead	3.10	0.30	mg/Kg	02/02/12		EK	6010/200.7
Antimony	< 3.0	3.0	mg/Kg	02/02/12		EK	6010/200.7
Selenium	< 1.2	1.2	mg/Kg	02/02/12		EK	6010/200.7
Thallium	< 2.7	2.7	mg/Kg	02/02/12		EK	6010/200.7
Total Metals Digest	Completed			02/01/12		AG	SW846 - 3050
Vanadium	22.6	0.30	mg/Kg	02/02/12		EK	6010/200.7
Zinc	28.3	0.30	mg/Kg	02/02/12		EK	6010/200.7
Percent Solid	97		%	02/01/12		JL	E160.3
Soil Extraction for PCB	Completed			02/01/12		CB/F	SW3545
Soil Extraction for Pesticide	Completed			02/01/12		CB	SW3545
Soil Extraction for SVOA	Completed			02/01/12		CC/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			02/02/12		D	SW7471
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	340	ug/Kg	02/02/12		MH	SW 8082
PCB-1221	ND	340	ug/Kg	02/02/12		MH	SW 8082
PCB-1232	ND	340	ug/Kg	02/02/12		MH	SW 8082
PCB-1242	ND	340	ug/Kg	02/02/12		MH	SW 8082
PCB-1248	ND	340	ug/Kg	02/02/12		MH	SW 8082
PCB-1254	ND	340	ug/Kg	02/02/12		MH	SW 8082
PCB-1260	ND	340	ug/Kg	02/02/12		MH	SW 8082
PCB-1262	ND	340	ug/Kg	02/02/12		MH	SW 8082
PCB-1268	ND	340	ug/Kg	02/02/12		MH	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	95		%	02/02/12		MH	30 - 150 %
% TCMX	86		%	02/02/12		MH	30 - 150 %
<u>Pesticides</u>							
4,4' -DDD	110	33	ug/Kg	02/02/12		MR	SW8081
4,4' -DDE	ND	33	ug/Kg	02/02/12		MR	SW8081
4,4' -DDT	ND	33	ug/Kg	02/02/12		MR	SW8081
a-BHC	ND	16	ug/Kg	02/02/12		MR	SW8081
Alachlor	ND	16	ug/Kg	02/02/12		MR	SW8081
Aldrin	ND	5.1	ug/Kg	02/02/12		MR	SW8081
b-BHC	ND	16	ug/Kg	02/02/12		MR	SW8081
Chlordane	480	51	ug/Kg	02/02/12		MR	SW8081
d-BHC	ND	16	ug/Kg	02/02/12		MR	SW8081
Dieldrin	120	5.1	ug/Kg	02/02/12		MR	SW8081
Endosulfan I	ND	16	ug/Kg	02/02/12		MR	SW8081
Endosulfan II	ND	33	ug/Kg	02/02/12		MR	SW8081
Endosulfan sulfate	ND	33	ug/Kg	02/02/12		MR	SW8081
Endrin	ND	33	ug/Kg	02/02/12		MR	SW8081
Endrin aldehyde	ND	33	ug/Kg	02/02/12		MR	SW8081
Endrin ketone	ND	33	ug/Kg	02/02/12		MR	SW8081
g-BHC	ND	5.1	ug/Kg	02/02/12		MR	SW8081
Heptachlor	ND	10	ug/Kg	02/02/12		MR	SW8081
Heptachlor epoxide	ND	16	ug/Kg	02/02/12		MR	SW8081
Methoxychlor	ND	160	ug/Kg	02/02/12		MR	SW8081
Toxaphene	ND	160	ug/Kg	02/02/12		MR	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	87		%	02/02/12		MR	30 - 150 %
% TCMX	86		%	02/02/12		MR	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1,1-Trichloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1,2-Trichloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloropropene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloropropane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichloropropane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,4-Dichlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
2,2-Dichloropropane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
2-Chlorotoluene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
2-Hexanone	ND	26	ug/Kg	02/01/12		R/J	SW8260
2-Isopropyltoluene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
4-Chlorotoluene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
4-Methyl-2-pentanone	ND	26	ug/Kg	02/01/12		R/J	SW8260
Acetone	ND	26	ug/Kg	02/01/12		R/J	SW8260
Acrylonitrile	ND	10	ug/Kg	02/01/12		R/J	SW8260
Benzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Bromobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Bromochloromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Bromodichloromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Bromoform	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Bromomethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Carbon Disulfide	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Carbon tetrachloride	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Chlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Chloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Chloroform	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Chloromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
cis-1,2-Dichloroethene	8.3	5.2	ug/Kg	02/01/12		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Dibromochloromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Dibromoethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Dibromomethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Dichlorodifluoromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Ethylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Hexachlorobutadiene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Isopropylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
m&p-Xylene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	02/01/12		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	02/01/12		R/J	SW8260
Methylene chloride	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Naphthalene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
n-Butylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
n-Propylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
o-Xylene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
p-Isopropyltoluene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
sec-Butylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
tert-Butylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Tetrachloroethene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	02/01/12		R/J	SW8260
Toluene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Total Xylenes	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	02/01/12		R/J	SW8260
Trichloroethene	13	5.2	ug/Kg	02/01/12		R/J	SW8260
Trichlorofluoromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Trichlorotrifluoroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Vinyl chloride	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	105		%	02/01/12		R/J	70 - 130 %
% Bromofluorobenzene	94		%	02/01/12		R/J	70 - 130 %
% Dibromofluoromethane	102		%	02/01/12		R/J	70 - 130 %
% Toluene-d8	97		%	02/01/12		R/J	70 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrophenol	ND	540	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2-Chlorophenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2-Nitroaniline	ND	540	ug/Kg	02/02/12		KCA	SW 8270
2-Nitrophenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	02/02/12		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	240	ug/Kg	02/02/12		KCA	SW 8270
3-Nitroaniline	ND	540	ug/Kg	02/02/12		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	980	ug/Kg	02/02/12		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	02/02/12		KCA	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
4-Chloroaniline	ND	240	ug/Kg	02/02/12		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	02/02/12		KCA	SW 8270
4-Nitroaniline	ND	540	ug/Kg	02/02/12		KCA	SW 8270
4-Nitrophenol	ND	980	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthylene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Acetophenone	ND	240	ug/Kg	02/02/12		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	980	ug/Kg	02/02/12		KCA	SW 8270
Anthracene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Azobenzene	ND	340	ug/Kg	02/02/12		KCA	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Benidine	ND	410	ug/Kg	02/02/12		KCA	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Benzoic acid	ND	980	ug/Kg	02/02/12		KCA	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Carbazole	ND	510	ug/Kg	02/02/12		KCA	SW 8270
Chrysene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Dibenzofuran	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Diethyl phthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Dimethylphthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Fluoranthene	240	240	ug/Kg	02/02/12		KCA	SW 8270
Fluorene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Hexachloroethane	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Isophorone	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Naphthalene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Nitrobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodiphenylamine	ND	340	ug/Kg	02/02/12		KCA	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	02/02/12		KCA	SW 8270
Pentachlorophenol	ND	340	ug/Kg	02/02/12		KCA	SW 8270
Phenanthrene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Phenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Pyrene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Pyridine	ND	340	ug/Kg	02/02/12		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	120		%	02/02/12		KCA	15 - 130 %
% 2-Fluorobiphenyl	93		%	02/02/12		KCA	15 - 130 %
% 2-Fluorophenol	94		%	02/02/12		KCA	15 - 130 %
% Nitrobenzene-d5	96		%	02/02/12		KCA	15 - 130 %
% Phenol-d5	86		%	02/02/12		KCA	15 - 130 %
% Terphenyl-d14	89		%	02/02/12		KCA	15 - 130 %

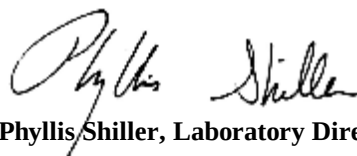
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

February 09, 2012



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



Analysis Report

February 09, 2012

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

Sample Information

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

Custody Information

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

Date

01/31/12

Time

0:00

02/01/12

17:42

Laboratory Data

SDG ID: GBB39466

Phoenix ID: BB39469

Project ID: 811 GRAND ST.

Client ID: B2 12-14

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	02/02/12		EK	6010/200.7
Aluminum	8030	56	mg/Kg	02/05/12		LK	6010/200.7
Arsenic	0.94	0.74	mg/Kg	02/02/12		EK	6010/200.7
Barium	38.0	0.37	mg/Kg	02/02/12		EK	6010/200.7
Beryllium	0.32	0.30	mg/Kg	02/02/12		EK	6010/200.7
Calcium	888	5.6	mg/Kg	02/05/12		LK	6010/200.7
Cadmium	0.55	0.37	mg/Kg	02/05/12		LK	6010/200.7
Cobalt	6.10	0.37	mg/Kg	02/05/12		LK	6010/200.7
Chromium	31.2	0.37	mg/Kg	02/02/12		EK	6010/200.7
Copper	13.7	0.37	mg/kg	02/02/12		EK	6010/200.7
Iron	23000	56	mg/Kg	02/05/12		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	02/02/12		RS	SW-7471
Potassium	1010	5.6	mg/Kg	02/02/12		EK	6010/200.7
Magnesium	2180	5.6	mg/Kg	02/05/12		LK	6010/200.7
Manganese	325	3.7	mg/Kg	02/05/12		LK	6010/200.7
Sodium	66.4	5.6	mg/Kg	02/02/12		EK	6010/200.7
Nickel	11.1	0.37	mg/Kg	02/05/12		LK	6010/200.7
Lead	5.52	0.37	mg/Kg	02/02/12		EK	6010/200.7
Antimony	< 3.7	3.7	mg/Kg	02/02/12		EK	6010/200.7
Selenium	< 1.5	1.5	mg/Kg	02/02/12		EK	6010/200.7
Thallium	< 3.3	3.3	mg/Kg	02/02/12		EK	6010/200.7
Total Metals Digest	Completed			02/01/12		AG	SW846 - 3050
Vanadium	26.9	0.37	mg/Kg	02/02/12		EK	6010/200.7
Zinc	29.4	0.37	mg/Kg	02/02/12		EK	6010/200.7
Percent Solid	90		%	02/01/12		JL	E160.3
Soil Extraction for PCB	Completed			02/01/12		CB/F	SW3545
Soil Extraction for Pesticide	Completed			02/01/12		CB	SW3545
Soil Extraction for SVOA	Completed			02/01/12		CB/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			02/02/12		D	SW7471
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	360	ug/Kg	02/02/12		MH	SW 8082
PCB-1221	ND	360	ug/Kg	02/02/12		MH	SW 8082
PCB-1232	ND	360	ug/Kg	02/02/12		MH	SW 8082
PCB-1242	ND	360	ug/Kg	02/02/12		MH	SW 8082
PCB-1248	ND	360	ug/Kg	02/02/12		MH	SW 8082
PCB-1254	ND	360	ug/Kg	02/02/12		MH	SW 8082
PCB-1260	ND	360	ug/Kg	02/02/12		MH	SW 8082
PCB-1262	ND	360	ug/Kg	02/02/12		MH	SW 8082
PCB-1268	ND	360	ug/Kg	02/02/12		MH	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	94		%	02/02/12		MH	30 - 150 %
% TCMX	86		%	02/02/12		MH	30 - 150 %
<u>Pesticides</u>							
4,4' -DDD	ND	34	ug/Kg	02/02/12		MR	SW8081
4,4' -DDE	ND	34	ug/Kg	02/02/12		MR	SW8081
4,4' -DDT	ND	34	ug/Kg	02/02/12		MR	SW8081
a-BHC	ND	17	ug/Kg	02/02/12		MR	SW8081
Alachlor	ND	17	ug/Kg	02/02/12		MR	SW8081
Aldrin	ND	5.4	ug/Kg	02/02/12		MR	SW8081
b-BHC	ND	17	ug/Kg	02/02/12		MR	SW8081
Chlordane	ND	54	ug/Kg	02/02/12		MR	SW8081
d-BHC	ND	17	ug/Kg	02/02/12		MR	SW8081
Dieldrin	ND	5.4	ug/Kg	02/02/12		MR	SW8081
Endosulfan I	ND	17	ug/Kg	02/02/12		MR	SW8081
Endosulfan II	ND	34	ug/Kg	02/02/12		MR	SW8081
Endosulfan sulfate	ND	34	ug/Kg	02/02/12		MR	SW8081
Endrin	ND	34	ug/Kg	02/02/12		MR	SW8081
Endrin aldehyde	ND	34	ug/Kg	02/02/12		MR	SW8081
Endrin ketone	ND	34	ug/Kg	02/02/12		MR	SW8081
g-BHC	ND	5.4	ug/Kg	02/02/12		MR	SW8081
Heptachlor	ND	11	ug/Kg	02/02/12		MR	SW8081
Heptachlor epoxide	ND	17	ug/Kg	02/02/12		MR	SW8081
Methoxychlor	ND	170	ug/Kg	02/02/12		MR	SW8081
Toxaphene	ND	170	ug/Kg	02/02/12		MR	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	87		%	02/02/12		MR	30 - 150 %
% TCMX	86		%	02/02/12		MR	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	02/01/12		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	02/01/12		R/J	SW8260
Acetone	ND	28	ug/Kg	02/01/12		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	02/01/12		R/J	SW8260
Benzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	02/01/12		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	02/01/12		R/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Naphthalene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	02/01/12		R/J	SW8260
Toluene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	02/01/12		R/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99		%	02/01/12		R/J	70 - 130 %
% Bromofluorobenzene	95		%	02/01/12		R/J	70 - 130 %
% Dibromofluoromethane	98		%	02/01/12		R/J	70 - 130 %
% Toluene-d8	99		%	02/01/12		R/J	70 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrophenol	ND	580	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2-Chlorophenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	02/02/12		KCA	SW 8270
2-Nitroaniline	ND	580	ug/Kg	02/02/12		KCA	SW 8270
2-Nitrophenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	02/02/12		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	250	ug/Kg	02/02/12		KCA	SW 8270
3-Nitroaniline	ND	580	ug/Kg	02/02/12		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	02/02/12		KCA	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
4-Chloroaniline	ND	250	ug/Kg	02/02/12		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	02/02/12		KCA	SW 8270
4-Nitroaniline	ND	580	ug/Kg	02/02/12		KCA	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthylene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Acetophenone	ND	250	ug/Kg	02/02/12		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
Anthracene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Azobenzene	ND	360	ug/Kg	02/02/12		KCA	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Benidine	ND	430	ug/Kg	02/02/12		KCA	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Benzoic acid	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Carbazole	ND	540	ug/Kg	02/02/12		KCA	SW 8270
Chrysene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Dibenzofuran	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Diethyl phthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Dimethylphthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Fluoranthene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Fluorene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Hexachloroethane	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Isophorone	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Naphthalene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Nitrobenzene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	02/02/12		KCA	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	02/02/12		KCA	SW 8270
Pentachlorophenol	ND	360	ug/Kg	02/02/12		KCA	SW 8270
Phenanthrene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Phenol	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Pyrene	ND	250	ug/Kg	02/02/12		KCA	SW 8270
Pyridine	ND	360	ug/Kg	02/02/12		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	112		%	02/02/12		KCA	15 - 130 %
% 2-Fluorobiphenyl	79		%	02/02/12		KCA	15 - 130 %
% 2-Fluorophenol	86		%	02/02/12		KCA	15 - 130 %
% Nitrobenzene-d5	86		%	02/02/12		KCA	15 - 130 %
% Phenol-d5	81		%	02/02/12		KCA	15 - 130 %
% Terphenyl-d14	80		%	02/02/12		KCA	15 - 130 %

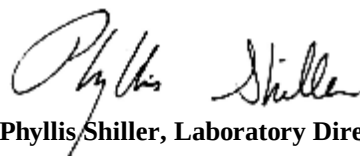
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

February 09, 2012



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



Analysis Report

February 09, 2012

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

Sample Information

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

Custody Information

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

Date Time
01/31/12 0:00
02/01/12 17:42

Laboratory Data

SDG ID: GBB39466
Phoenix ID: BB39470

Project ID: 811 GRAND ST.

Client ID: B3 0-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	02/02/12		EK	6010/200.7
Aluminum	13200	52	mg/Kg	02/05/12		LK	6010/200.7
Arsenic	2.73	0.69	mg/Kg	02/02/12		EK	6010/200.7
Barium	130	0.35	mg/Kg	02/02/12		EK	6010/200.7
Beryllium	0.38	0.28	mg/Kg	02/02/12		EK	6010/200.7
Calcium	811	5.2	mg/Kg	02/05/12		LK	6010/200.7
Cadmium	0.46	0.35	mg/Kg	02/05/12		LK	6010/200.7
Cobalt	3.94	0.35	mg/Kg	02/05/12		LK	6010/200.7
Chromium	21.7	0.35	mg/Kg	02/02/12		EK	6010/200.7
Copper	34.9	0.35	mg/kg	02/02/12		EK	6010/200.7
Iron	17900	52	mg/Kg	02/05/12		LK	6010/200.7
Mercury	8.84	0.36	mg/Kg	02/03/12		RS	SW-7471
Potassium	788	5.2	mg/Kg	02/02/12		EK	6010/200.7
Magnesium	1820	5.2	mg/Kg	02/05/12		LK	6010/200.7
Manganese	77.0	0.35	mg/Kg	02/02/12		EK	6010/200.7
Sodium	62.6	5.2	mg/Kg	02/02/12		EK	6010/200.7
Nickel	8.93	0.35	mg/Kg	02/05/12		LK	6010/200.7
Lead	197	0.35	mg/Kg	02/05/12		LK	6010/200.7
Antimony	< 3.5	3.5	mg/Kg	02/02/12		EK	6010/200.7
Selenium	< 1.4	1.4	mg/Kg	02/02/12		EK	6010/200.7
Thallium	< 3.1	3.1	mg/Kg	02/02/12		EK	6010/200.7
Total Metals Digest	Completed			02/01/12		AG	SW846 - 3050
Vanadium	23.3	0.35	mg/Kg	02/02/12		EK	6010/200.7
Zinc	77.0	0.35	mg/Kg	02/02/12		EK	6010/200.7
Percent Solid	86		%	02/01/12		JL	E160.3
Soil Extraction for PCB	Completed			02/01/12		CB/F	SW3545
Soil Extraction for Pesticide	Completed			02/01/12		CB	SW3545
Soil Extraction for SVOA	Completed			02/01/12		CB/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			02/02/12		D	SW7471
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	380	ug/Kg	02/02/12		MH	SW 8082
PCB-1221	ND	380	ug/Kg	02/02/12		MH	SW 8082
PCB-1232	ND	380	ug/Kg	02/02/12		MH	SW 8082
PCB-1242	ND	380	ug/Kg	02/02/12		MH	SW 8082
PCB-1248	ND	380	ug/Kg	02/02/12		MH	SW 8082
PCB-1254	ND	380	ug/Kg	02/02/12		MH	SW 8082
PCB-1260	ND	380	ug/Kg	02/02/12		MH	SW 8082
PCB-1262	ND	380	ug/Kg	02/02/12		MH	SW 8082
PCB-1268	ND	380	ug/Kg	02/02/12		MH	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	106		%	02/02/12		MH	30 - 150 %
% TCMX	96		%	02/02/12		MH	30 - 150 %
<u>Pesticides</u>							
4,4' -DDD	ND	36	ug/Kg	02/02/12		MR	SW8081
4,4' -DDE	ND	36	ug/Kg	02/02/12		MR	SW8081
4,4' -DDT	ND	36	ug/Kg	02/02/12		MR	SW8081
a-BHC	ND	18	ug/Kg	02/02/12		MR	SW8081
Alachlor	ND	18	ug/Kg	02/02/12		MR	SW8081
Aldrin	ND	5.7	ug/Kg	02/02/12		MR	SW8081
b-BHC	ND	18	ug/Kg	02/02/12		MR	SW8081
Chlordane	ND	57	ug/Kg	02/02/12		MR	SW8081
d-BHC	ND	18	ug/Kg	02/02/12		MR	SW8081
Dieldrin	ND	5.7	ug/Kg	02/02/12		MR	SW8081
Endosulfan I	ND	18	ug/Kg	02/02/12		MR	SW8081
Endosulfan II	ND	36	ug/Kg	02/02/12		MR	SW8081
Endosulfan sulfate	ND	36	ug/Kg	02/02/12		MR	SW8081
Endrin	ND	36	ug/Kg	02/02/12		MR	SW8081
Endrin aldehyde	ND	36	ug/Kg	02/02/12		MR	SW8081
Endrin ketone	ND	36	ug/Kg	02/02/12		MR	SW8081
g-BHC	ND	5.7	ug/Kg	02/02/12		MR	SW8081
Heptachlor	ND	11	ug/Kg	02/02/12		MR	SW8081
Heptachlor epoxide	ND	18	ug/Kg	02/02/12		MR	SW8081
Methoxychlor	ND	180	ug/Kg	02/02/12		MR	SW8081
Toxaphene	ND	180	ug/Kg	02/02/12		MR	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	92		%	02/02/12		MR	30 - 150 %
% TCMX	87		%	02/02/12		MR	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,1,1-Trichloroethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,1,2-Trichloroethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloropropene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichlorobenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloroethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloropropane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichlorobenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichloropropane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
1,4-Dichlorobenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
2,2-Dichloropropane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
2-Chlorotoluene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
2-Hexanone	ND	29	ug/Kg	02/01/12		R/J	SW8260
2-Isopropyltoluene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
4-Chlorotoluene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	02/01/12		R/J	SW8260
Acetone	ND	29	ug/Kg	02/01/12		R/J	SW8260
Acrylonitrile	ND	12	ug/Kg	02/01/12		R/J	SW8260
Benzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Bromobenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Bromochloromethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Bromodichloromethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Bromoform	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Bromomethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Carbon Disulfide	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Carbon tetrachloride	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Chlorobenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Chloroethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Chloroform	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Chloromethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
cis-1,2-Dichloroethene	6.7	5.8	ug/Kg	02/01/12		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Dibromochloromethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Dibromoethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Dibromomethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Dichlorodifluoromethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Ethylbenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Hexachlorobutadiene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Isopropylbenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
m&p-Xylene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	02/01/12		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	02/01/12		R/J	SW8260
Methylene chloride	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Naphthalene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
n-Butylbenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
n-Propylbenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
o-Xylene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
p-Isopropyltoluene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
sec-Butylbenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
tert-Butylbenzene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Tetrachloroethene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	02/01/12		R/J	SW8260
Toluene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Total Xylenes	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	02/01/12		R/J	SW8260
Trichloroethene	19	5.8	ug/Kg	02/01/12		R/J	SW8260
Trichlorofluoromethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Trichlorotrifluoroethane	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
Vinyl chloride	ND	5.8	ug/Kg	02/01/12		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	02/01/12		R/J	70 - 130 %
% Bromofluorobenzene	85		%	02/01/12		R/J	70 - 130 %
% Dibromofluoromethane	77		%	02/01/12		R/J	70 - 130 %
% Toluene-d8	96		%	02/01/12		R/J	70 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
1,2-Dichlorobenzene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
1,3-Dichlorobenzene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
1,4-Dichlorobenzene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
2,4,5-Trichlorophenol	ND	270	ug/Kg	02/02/12		KCA	SW 8270
2,4,6-Trichlorophenol	ND	270	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dichlorophenol	ND	270	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dimethylphenol	ND	270	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrophenol	ND	610	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrotoluene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
2,6-Dinitrotoluene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
2-Chloronaphthalene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
2-Chlorophenol	ND	270	ug/Kg	02/02/12		KCA	SW 8270
2-Methylnaphthalene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	270	ug/Kg	02/02/12		KCA	SW 8270
2-Nitroaniline	ND	610	ug/Kg	02/02/12		KCA	SW 8270
2-Nitrophenol	ND	270	ug/Kg	02/02/12		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	02/02/12		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	270	ug/Kg	02/02/12		KCA	SW 8270
3-Nitroaniline	ND	610	ug/Kg	02/02/12		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	380	ug/Kg	02/02/12		KCA	SW 8270
4-Chloro-3-methylphenol	ND	270	ug/Kg	02/02/12		KCA	SW 8270
4-Chloroaniline	ND	270	ug/Kg	02/02/12		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	02/02/12		KCA	SW 8270
4-Nitroaniline	ND	610	ug/Kg	02/02/12		KCA	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthylene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Acetophenone	ND	270	ug/Kg	02/02/12		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
Anthracene	370	270	ug/Kg	02/02/12		KCA	SW 8270
Azobenzene	ND	380	ug/Kg	02/02/12		KCA	SW 8270
Benz(a)anthracene	1200	270	ug/Kg	02/02/12		KCA	SW 8270
Benidine	ND	460	ug/Kg	02/02/12		KCA	SW 8270
Benzo(a)pyrene	1100	270	ug/Kg	02/02/12		KCA	SW 8270
Benzo(b)fluoranthene	1400	270	ug/Kg	02/02/12		KCA	SW 8270
Benzo(ghi)perylene	660	270	ug/Kg	02/02/12		KCA	SW 8270
Benzo(k)fluoranthene	540	270	ug/Kg	02/02/12		KCA	SW 8270
Benzoic acid	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
Benzyl butyl phthalate	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	380	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Carbazole	ND	570	ug/Kg	02/02/12		KCA	SW 8270
Chrysene	1200	270	ug/Kg	02/02/12		KCA	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Dibenzofuran	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Diethyl phthalate	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Dimethylphthalate	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Di-n-butylphthalate	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Di-n-octylphthalate	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Fluoranthene	3000	270	ug/Kg	02/02/12		KCA	SW 8270
Fluorene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobenzene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobutadiene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorocyclopentadiene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Hexachloroethane	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	540	270	ug/Kg	02/02/12		KCA	SW 8270
Isophorone	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Naphthalene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Nitrobenzene	ND	270	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodimethylamine	ND	380	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodiphenylamine	ND	380	ug/Kg	02/02/12		KCA	SW 8270
Pentachloronitrobenzene	ND	380	ug/Kg	02/02/12		KCA	SW 8270
Pentachlorophenol	ND	380	ug/Kg	02/02/12		KCA	SW 8270
Phenanthrene	2800	270	ug/Kg	02/02/12		KCA	SW 8270
Phenol	ND	270	ug/Kg	02/02/12		KCA	SW 8270
Pyrene	2700	270	ug/Kg	02/02/12		KCA	SW 8270
Pyridine	ND	380	ug/Kg	02/02/12		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	114		%	02/02/12		KCA	15 - 130 %
% 2-Fluorobiphenyl	86		%	02/02/12		KCA	15 - 130 %
% 2-Fluorophenol	88		%	02/02/12		KCA	15 - 130 %
% Nitrobenzene-d5	89		%	02/02/12		KCA	15 - 130 %
% Phenol-d5	82		%	02/02/12		KCA	15 - 130 %
% Terphenyl-d14	78		%	02/02/12		KCA	15 - 130 %

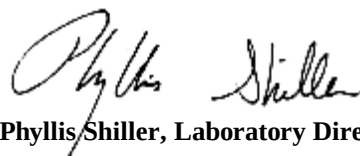
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

February 09, 2012



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



Analysis Report

February 09, 2012

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

Sample Information

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

Custody Information

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

Date Time
01/31/12 0:00
02/01/12 17:42

Laboratory Data

SDG ID: GBB39466
Phoenix ID: BB39471

Project ID: 811 GRAND ST.

Client ID: B3 12-14

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	02/02/12		EK	6010/200.7
Aluminum	8600	55	mg/Kg	02/05/12		LK	6010/200.7
Arsenic	< 0.73	0.73	mg/Kg	02/02/12		EK	6010/200.7
Barium	42.8	0.36	mg/Kg	02/02/12		EK	6010/200.7
Beryllium	< 0.29	0.29	mg/Kg	02/02/12		EK	6010/200.7
Calcium	476	5.5	mg/Kg	02/05/12		LK	6010/200.7
Cadmium	0.57	0.36	mg/Kg	02/05/12		LK	6010/200.7
Cobalt	6.47	0.36	mg/Kg	02/05/12		LK	6010/200.7
Chromium	17.7	0.36	mg/Kg	02/02/12		EK	6010/200.7
Copper	13.9	0.36	mg/kg	02/02/12		EK	6010/200.7
Iron	24600	55	mg/Kg	02/05/12		LK	6010/200.7
Mercury	< 0.08	0.08	mg/Kg	02/02/12		RS	SW-7471
Potassium	929	5.5	mg/Kg	02/02/12		EK	6010/200.7
Magnesium	2440	5.5	mg/Kg	02/05/12		LK	6010/200.7
Manganese	413	3.6	mg/Kg	02/05/12		LK	6010/200.7
Sodium	44.5	5.5	mg/Kg	02/02/12		EK	6010/200.7
Nickel	10.7	0.36	mg/Kg	02/05/12		LK	6010/200.7
Lead	4.06	0.36	mg/Kg	02/02/12		EK	6010/200.7
Antimony	< 3.6	3.6	mg/Kg	02/02/12		EK	6010/200.7
Selenium	< 1.5	1.5	mg/Kg	02/02/12		EK	6010/200.7
Thallium	< 3.3	3.3	mg/Kg	02/02/12		EK	6010/200.7
Total Metals Digest	Completed			02/01/12		AG	SW846 - 3050
Vanadium	27.5	0.36	mg/Kg	02/02/12		EK	6010/200.7
Zinc	37.1	0.36	mg/Kg	02/02/12		EK	6010/200.7
Percent Solid	89		%	02/01/12		JL	E160.3
Soil Extraction for PCB	Completed			02/01/12		CB/F	SW3545
Soil Extraction for Pesticide	Completed			02/01/12		CB	SW3545
Soil Extraction for SVOA	Completed			02/01/12		CB/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			02/02/12		D	SW7471
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	370	ug/Kg	02/02/12		MH	SW 8082
PCB-1221	ND	370	ug/Kg	02/02/12		MH	SW 8082
PCB-1232	ND	370	ug/Kg	02/02/12		MH	SW 8082
PCB-1242	ND	370	ug/Kg	02/02/12		MH	SW 8082
PCB-1248	ND	370	ug/Kg	02/02/12		MH	SW 8082
PCB-1254	ND	370	ug/Kg	02/02/12		MH	SW 8082
PCB-1260	ND	370	ug/Kg	02/02/12		MH	SW 8082
PCB-1262	ND	370	ug/Kg	02/02/12		MH	SW 8082
PCB-1268	ND	370	ug/Kg	02/02/12		MH	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	112		%	02/02/12		MH	30 - 150 %
% TCMX	107		%	02/02/12		MH	30 - 150 %
<u>Pesticides</u>							
4,4' -DDD	ND	35	ug/Kg	02/02/12		MR	SW8081
4,4' -DDE	ND	35	ug/Kg	02/02/12		MR	SW8081
4,4' -DDT	ND	35	ug/Kg	02/02/12		MR	SW8081
a-BHC	ND	18	ug/Kg	02/02/12		MR	SW8081
Alachlor	ND	18	ug/Kg	02/02/12		MR	SW8081
Aldrin	ND	5.5	ug/Kg	02/02/12		MR	SW8081
b-BHC	ND	18	ug/Kg	02/02/12		MR	SW8081
Chlordane	ND	55	ug/Kg	02/02/12		MR	SW8081
d-BHC	ND	18	ug/Kg	02/02/12		MR	SW8081
Dieldrin	ND	5.5	ug/Kg	02/02/12		MR	SW8081
Endosulfan I	ND	18	ug/Kg	02/02/12		MR	SW8081
Endosulfan II	ND	35	ug/Kg	02/02/12		MR	SW8081
Endosulfan sulfate	ND	35	ug/Kg	02/02/12		MR	SW8081
Endrin	ND	35	ug/Kg	02/02/12		MR	SW8081
Endrin aldehyde	ND	35	ug/Kg	02/02/12		MR	SW8081
Endrin ketone	ND	35	ug/Kg	02/02/12		MR	SW8081
g-BHC	ND	5.5	ug/Kg	02/02/12		MR	SW8081
Heptachlor	ND	11	ug/Kg	02/02/12		MR	SW8081
Heptachlor epoxide	ND	18	ug/Kg	02/02/12		MR	SW8081
Methoxychlor	ND	180	ug/Kg	02/02/12		MR	SW8081
Toxaphene	ND	180	ug/Kg	02/02/12		MR	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	81		%	02/02/12		MR	30 - 150 %
% TCMX	82		%	02/02/12		MR	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	02/01/12		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	02/01/12		R/J	SW8260
Acetone	ND	28	ug/Kg	02/01/12		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	02/01/12		R/J	SW8260
Benzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	02/01/12		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	02/01/12		R/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Naphthalene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	02/01/12		R/J	SW8260
Toluene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	02/01/12		R/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	02/01/12		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	02/01/12		R/J	70 - 130 %
% Bromofluorobenzene	96		%	02/01/12		R/J	70 - 130 %
% Dibromofluoromethane	99		%	02/01/12		R/J	70 - 130 %
% Toluene-d8	98		%	02/01/12		R/J	70 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
1,2-Dichlorobenzene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
1,3-Dichlorobenzene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
1,4-Dichlorobenzene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	02/02/12		KCA	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dimethylphenol	ND	260	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrophenol	ND	580	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
2-Chlorophenol	ND	260	ug/Kg	02/02/12		KCA	SW 8270
2-Methylnaphthalene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	02/02/12		KCA	SW 8270
2-Nitroaniline	ND	580	ug/Kg	02/02/12		KCA	SW 8270
2-Nitrophenol	ND	260	ug/Kg	02/02/12		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	02/02/12		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	260	ug/Kg	02/02/12		KCA	SW 8270
3-Nitroaniline	ND	580	ug/Kg	02/02/12		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	02/02/12		KCA	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	02/02/12		KCA	SW 8270
4-Chloroaniline	ND	260	ug/Kg	02/02/12		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	02/02/12		KCA	SW 8270
4-Nitroaniline	ND	580	ug/Kg	02/02/12		KCA	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthylene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Acetophenone	ND	260	ug/Kg	02/02/12		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
Anthracene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Azobenzene	ND	370	ug/Kg	02/02/12		KCA	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Benidine	ND	440	ug/Kg	02/02/12		KCA	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Benzoic acid	ND	1100	ug/Kg	02/02/12		KCA	SW 8270
Benzyl butyl phthalate	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Carbazole	ND	550	ug/Kg	02/02/12		KCA	SW 8270
Chrysene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Dibenzofuran	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Diethyl phthalate	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Dimethylphthalate	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Di-n-butylphthalate	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Di-n-octylphthalate	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Fluoranthene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Fluorene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobenzene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobutadiene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorocyclopentadiene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Hexachloroethane	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Isophorone	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Naphthalene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Nitrobenzene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	02/02/12		KCA	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	02/02/12		KCA	SW 8270
Pentachlorophenol	ND	370	ug/Kg	02/02/12		KCA	SW 8270
Phenanthrene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Phenol	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Pyrene	ND	260	ug/Kg	02/02/12		KCA	SW 8270
Pyridine	ND	370	ug/Kg	02/02/12		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	117		%	02/02/12		KCA	15 - 130 %
% 2-Fluorobiphenyl	85		%	02/02/12		KCA	15 - 130 %
% 2-Fluorophenol	90		%	02/02/12		KCA	15 - 130 %
% Nitrobenzene-d5	91		%	02/02/12		KCA	15 - 130 %
% Phenol-d5	84		%	02/02/12		KCA	15 - 130 %
% Terphenyl-d14	87		%	02/02/12		KCA	15 - 130 %

Project ID: 811 GRAND ST.

Phoenix I.D.: BB39471

Client ID: B3 12-14

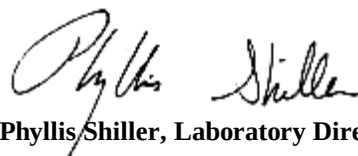
Parameter	Result	RL	Units	Date	Time	By	Reference
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Comments:

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

February 09, 2012



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



Analysis Report

February 09, 2012

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

Sample Information

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

Custody Information

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

Date Time
01/31/12 0:00
02/01/12 17:42

Laboratory Data

SDG ID: GBB39466
Phoenix ID: BB39472

Project ID: 811 GRAND ST.

Client ID: GW1

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	02/02/12		LK	6010/200.7
Aluminum	129	0.10	mg/L	02/02/12		LK	6010/200.7
Arsenic	0.024	0.004	mg/L	02/02/12		LK	6010/200.7
Barium	1.01	0.002	mg/L	02/02/12		LK	6010/200.7
Beryllium	0.006	0.001	mg/L	02/02/12		LK	6010/200.7
Calcium	70.1	0.010	mg/L	02/02/12		LK	6010/200.7
Cadmium	< 0.001	0.001	mg/L	02/02/12		LK	6010/200.7
Cobalt	0.112	0.002	mg/L	02/02/12		LK	6010/200.7
Chromium	0.302	0.001	mg/L	02/02/12		LK	6010/200.7
Copper	0.256	0.005	mg/L	02/02/12		LK	6010/200.7
Iron	267	0.10	mg/L	02/06/12		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	02/02/12		RS	7470/E245.1
Potassium	18.1	0.1	mg/L	02/02/12		LK	6010/200.7
Magnesium	53.4	0.01	mg/L	02/02/12		LK	6010/200.7
Manganese	11.9	0.010	mg/L	02/02/12		LK	6010/200.7
Sodium	124	1.0	mg/L	02/02/12		LK	6010/200.7
Nickel	0.208	0.001	mg/L	02/02/12		LK	6010/200.7
Lead	0.057	0.002	mg/L	02/02/12		LK	6010/200.7
Antimony	< 0.005	0.005	mg/L	02/02/12		LK	6010/200.7
Selenium	< 0.010	0.010	mg/L	02/02/12		LK	6010/200.7
Thallium	< 0.002	0.002	mg/L	02/02/12		RS	SW7010/200.9
Total Metals Digestion	Completed			02/01/12		AG	
Vanadium	0.256	0.002	mg/L	02/02/12		LK	6010/200.7
Zinc	0.279	0.002	mg/L	02/02/12		LK	6010/200.7
Mercury Digestion	Completed			02/02/12		D	7471/245.1
PCB Extraction	Completed			02/01/12		T/T	SW3510C
Extraction for Pest (2 Liter)	Completed			02/01/12		T	SW3510
Semi-Volatile Extraction	Completed			02/12/12		F/K	SW3520

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1221	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1232	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1242	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1248	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1254	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1260	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1262	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1268	ND	0.11	ug/L	02/02/12		MH	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	83		%	02/02/12		MH	30 - 150 %
% TCMX	77		%	02/02/12		MH	30 - 150 %
<u>Pesticides</u>							
4,4' -DDD	ND	0.1	ug/L	02/02/12		MR	SW8081
4,4' -DDE	ND	0.1	ug/L	02/02/12		MR	SW8081
4,4' -DDT	ND	0.1	ug/L	02/02/12		MR	SW8081
a-BHC	ND	0.05	ug/L	02/02/12		MR	SW8081
Alachlor	ND	0.1	ug/L	02/02/12		MR	SW8081
Aldrin	ND	0.01	ug/L	02/02/12		MR	SW8081
b-BHC	ND	0.05	ug/L	02/02/12		MR	SW8081
Chlordane	ND	0.3	ug/L	02/02/12		MR	SW8081
d-BHC	ND	0.05	ug/L	02/02/12		MR	SW8081
Dieldrin	0.01	0.01	ug/L	02/02/12		MR	SW8081
Endosulfan I	ND	0.1	ug/L	02/02/12		MR	SW8081
Endosulfan II	ND	0.1	ug/L	02/02/12		MR	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	02/02/12		MR	SW8081
Endrin	ND	0.1	ug/L	02/02/12		MR	SW8081
Endrin Aldehyde	ND	0.1	ug/L	02/02/12		MR	SW8081
Endrin ketone	ND	0.1	ug/L	02/02/12		MR	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	02/02/12		MR	SW8081
Heptachlor	ND	0.05	ug/L	02/02/12		MR	SW8081
Heptachlor epoxide	ND	0.05	ug/L	02/02/12		MR	SW8081
Methoxychlor	ND	0.2	ug/L	02/02/12		MR	SW8081
Toxaphene	ND	1.5	ug/L	02/02/12		MR	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	83		%	02/02/12		MR	30 - 150 %
%TCMX (Surrogate Rec)	91		%	02/02/12		MR	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	02/04/12		H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	02/04/12		H/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,4-Trichlorobenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	02/04/12		H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	02/04/12		H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	02/04/12		H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	02/04/12		H/T	SW8260
2-Hexanone	ND	5.0	ug/L	02/04/12		H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	02/04/12		H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	02/04/12		H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	02/04/12		H/T	SW8260
Acetone	ND	25	ug/L	02/04/12		H/T	SW8260
Acrylonitrile	ND	5.0	ug/L	02/04/12		H/T	SW8260
Benzene	ND	0.70	ug/L	02/04/12		H/T	SW8260
Bromobenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	02/04/12		H/T	SW8260
Bromoform	ND	1.0	ug/L	02/04/12		H/T	SW8260
Bromomethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	02/04/12		H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	02/04/12		H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
Chloroethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
Chloroform	2.9	1.0	ug/L	02/04/12		H/T	SW8260
Chloromethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
cis-1,2-Dichloroethene	1.4	1.0	ug/L	02/04/12		H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	02/04/12		H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	02/04/12		H/T	SW8260
Dibromoethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
Dibromomethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	02/04/12		H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	02/04/12		H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	02/04/12		H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	02/04/12		H/T	SW8260
Methylene chloride	ND	1.0	ug/L	02/04/12		H/T	SW8260
Naphthalene	ND	1.0	ug/L	02/04/12		H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
o-Xylene	ND	1.0	ug/L	02/04/12		H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	02/04/12		H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
Styrene	ND	1.0	ug/L	02/04/12		H/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
tert-Butylbenzene	ND	1.0	ug/L	02/04/12		H/T	SW8260
Tetrachloroethene	20	1.0	ug/L	02/04/12		H/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	02/04/12		H/T	SW8260
Toluene	ND	1.0	ug/L	02/04/12		H/T	SW8260
Total Xylenes	ND	1.0	ug/L	02/04/12		H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	02/04/12		H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	02/04/12		H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	02/04/12		H/T	SW8260
Trichloroethene	3.0	1.0	ug/L	02/04/12		H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	02/04/12		H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	02/04/12		H/T	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101		%	02/04/12		H/T	70 - 130 %
% Bromofluorobenzene	88		%	02/04/12		H/T	70 - 130 %
% Dibromofluoromethane	85		%	02/04/12		H/T	70 - 130 %
% Toluene-d8	84		%	02/04/12		H/T	70 - 130 %
<u>Semivolatiles</u>							
1,2,4-Trichlorobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
1,4-Dichlorobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
2,4,5-Trichlorophenol	ND	10	ug/L	02/02/12		KCA	SW8270
2,4,6-Trichlorophenol	ND	10	ug/L	02/02/12		KCA	SW8270
2,4-Dichlorophenol	ND	10	ug/L	02/02/12		KCA	SW8270
2,4-Dimethylphenol	ND	10	ug/L	02/02/12		KCA	SW8270
2,4-Dinitrophenol	ND	50	ug/L	02/02/12		KCA	SW8270
2,4-Dinitrotoluene	ND	5.0	ug/L	02/02/12		KCA	SW8270
2,6-Dinitrotoluene	ND	5.0	ug/L	02/02/12		KCA	SW8270
2-Chloronaphthalene	ND	5.0	ug/L	02/02/12		KCA	SW8270
2-Chlorophenol	ND	10	ug/L	02/02/12		KCA	SW8270
2-Methylnaphthalene	ND	5.0	ug/L	02/02/12		KCA	SW8270
2-Methylphenol (o-cresol)	ND	10	ug/L	02/02/12		KCA	SW8270
2-Nitroaniline	ND	50	ug/L	02/02/12		KCA	SW8270
2-Nitrophenol	ND	10	ug/L	02/02/12		KCA	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	02/02/12		KCA	SW8270
3,3'-Dichlorobenzidine	ND	50	ug/L	02/02/12		KCA	SW8270
3-Nitroaniline	ND	50	ug/L	02/02/12		KCA	SW8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	02/02/12		KCA	SW8270
4-Bromophenyl phenyl ether	ND	5.0	ug/L	02/02/12		KCA	SW8270
4-Chloro-3-methylphenol	ND	20	ug/L	02/02/12		KCA	SW8270
4-Chloroaniline	ND	20	ug/L	02/02/12		KCA	SW8270
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	02/02/12		KCA	SW8270
4-Nitroaniline	ND	20	ug/L	02/02/12		KCA	SW8270
4-Nitrophenol	ND	50	ug/L	02/02/12		KCA	SW8270
Acetophenone	ND	5.0	ug/L	02/02/12		KCA	SW8270
Aniline	ND	10	ug/L	02/02/12		KCA	SW8270
Anthracene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Azobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Benzidine	ND	50	ug/L	02/02/12		KCA	SW8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzoic acid	ND	50	ug/L	02/02/12		KCA	SW8270
Benzyl butyl phthalate	ND	5.0	ug/L	02/02/12		KCA	SW8270
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	02/02/12		KCA	SW8270
Bis(2-chloroethyl)ether	ND	5.0	ug/L	02/02/12		KCA	SW8270
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	02/02/12		KCA	SW8270
Carbazole	ND	5.0	ug/L	02/02/12		KCA	SW8270
Dibenzofuran	ND	5.0	ug/L	02/02/12		KCA	SW8270
Diethyl phthalate	ND	5.0	ug/L	02/02/12		KCA	SW8270
Dimethylphthalate	ND	5.0	ug/L	02/02/12		KCA	SW8270
Di-n-butylphthalate	ND	5.0	ug/L	02/02/12		KCA	SW8270
Di-n-octylphthalate	ND	5.0	ug/L	02/02/12		KCA	SW8270
Fluoranthene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Fluorene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Hexachlorobutadiene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Hexachlorocyclopentadiene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Isophorone	ND	5.0	ug/L	02/02/12		KCA	SW8270
Naphthalene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Nitrobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
N-Nitrosodimethylamine	ND	5.0	ug/L	02/02/12		KCA	SW8270
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	02/02/12		KCA	SW8270
N-Nitrosodiphenylamine	ND	5.0	ug/L	02/02/12		KCA	SW8270
Phenol	ND	10	ug/L	02/02/12		KCA	SW8270
Pyrene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Pyridine	ND	5.0	ug/L	02/02/12		KCA	SW8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	11		%	02/02/12		KCA	15 - 130 % 3
% 2-Fluorobiphenyl	73		%	02/02/12		KCA	15 - 130 %
% 2-Fluorophenol	<5		%	02/02/12		KCA	15 - 130 % 3
% Nitrobenzene-d5	70		%	02/02/12		KCA	15 - 130 %
% Phenol-d5	18		%	02/02/12		KCA	15 - 130 %
% Terphenyl-d14	80		%	02/02/12		KCA	15 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	02/02/12		DD	SW8270 (SIM)
Acenaphthene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Acenaphthylene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.040	ug/L	02/02/12		DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	02/02/12		DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	02/02/12		DD	SW8270 (SIM)
Chrysene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	02/02/12		DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	02/02/12		DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	02/02/12		DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	02/02/12		DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	02/02/12		DD	SW8270 (SIM)
Phenanthrene	0.05	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							

Parameter	Result	RL	Units	Date	Time	By	Reference
% 2,4,6-Tribromophenol	11		%	02/02/12		DD	15 - 130 % 3
% 2-Fluorobiphenyl	73		%	02/02/12		DD	15 - 130 %
% 2-Fluorophenol	<5		%	02/02/12		DD	15 - 130 % 3
% Nitrobenzene-d5	70		%	02/02/12		DD	15 - 130 %
% Phenol-d5	18		%	02/02/12		DD	15 - 130 %
% Terphenyl-d14	80		%	02/02/12		DD	15 - 130 %

3 = This parameter exceeds laboratory specified limits.

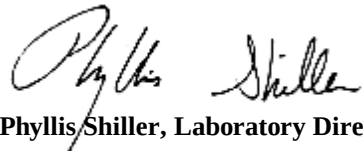
Comments:

* Poor surrogate recovery was observed for semivolatiles and there was insufficient sample for re-extraction.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

February 09, 2012



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



Analysis Report

February 09, 2012

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

Sample Information

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

Custody Information

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

Date Time
01/31/12 0:00
02/01/12 17:42

Laboratory Data

SDG ID: GBB39466
Phoenix ID: BB39473

Project ID: 811 GRAND ST.

Client ID: GW3

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	02/02/12		LK	6010/200.7
Aluminum	57.2	0.10	mg/L	02/02/12		LK	6010/200.7
Arsenic	0.019	0.004	mg/L	02/02/12		LK	6010/200.7
Barium	0.672	0.002	mg/L	02/02/12		LK	6010/200.7
Beryllium	0.004	0.001	mg/L	02/02/12		LK	6010/200.7
Calcium	29.7	0.010	mg/L	02/02/12		LK	6010/200.7
Cadmium	< 0.001	0.001	mg/L	02/02/12		LK	6010/200.7
Cobalt	0.084	0.002	mg/L	02/02/12		LK	6010/200.7
Chromium	0.127	0.001	mg/L	02/02/12		LK	6010/200.7
Copper	0.220	0.005	mg/L	02/02/12		LK	6010/200.7
Iron	109	0.010	mg/L	02/02/12		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	02/02/12		RS	7470/E245.1
Potassium	43.9	0.1	mg/L	02/02/12		LK	6010/200.7
Magnesium	25.4	0.01	mg/L	02/02/12		LK	6010/200.7
Manganese	9.99	0.010	mg/L	02/02/12		LK	6010/200.7
Sodium	13.8	0.1	mg/L	02/02/12		LK	6010/200.7
Nickel	0.183	0.001	mg/L	02/02/12		LK	6010/200.7
Lead	0.076	0.002	mg/L	02/02/12		LK	6010/200.7
Antimony	< 0.005	0.005	mg/L	02/02/12		LK	6010/200.7
Selenium	< 0.010	0.010	mg/L	02/02/12		LK	6010/200.7
Thallium	< 0.002	0.002	mg/L	02/02/12		RS	SW7010/200.9
Total Metals Digestion	Completed			02/01/12		AG	
Vanadium	0.148	0.002	mg/L	02/02/12		LK	6010/200.7
Zinc	0.247	0.002	mg/L	02/02/12		LK	6010/200.7
Mercury Digestion	Completed			02/02/12		D	7471/245.1
PCB Extraction	Completed			02/01/12		T/T	SW3510C
Extraction for Pest (2 Liter)	Completed			02/01/12		T	SW3510
Semi-Volatile Extraction	Completed			02/12/12		F/K	SW3520

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1221	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1232	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1242	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1248	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1254	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1260	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1262	ND	0.11	ug/L	02/02/12		MH	608/ 8082
PCB-1268	ND	0.11	ug/L	02/02/12		MH	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	81		%	02/02/12		MH	30 - 150 %
% TCMX	78		%	02/02/12		MH	30 - 150 %
<u>Pesticides</u>							
4,4' -DDD	ND	0.1	ug/L	02/02/12		MR	SW8081
4,4' -DDE	ND	0.1	ug/L	02/02/12		MR	SW8081
4,4' -DDT	ND	0.1	ug/L	02/02/12		MR	SW8081
a-BHC	ND	0.05	ug/L	02/02/12		MR	SW8081
Alachlor	ND	0.1	ug/L	02/02/12		MR	SW8081
Aldrin	ND	0.01	ug/L	02/02/12		MR	SW8081
b-BHC	ND	0.05	ug/L	02/02/12		MR	SW8081
Chlordane	ND	0.3	ug/L	02/02/12		MR	SW8081
d-BHC	ND	0.05	ug/L	02/02/12		MR	SW8081
Dieldrin	ND	0.01	ug/L	02/02/12		MR	SW8081
Endosulfan I	ND	0.1	ug/L	02/02/12		MR	SW8081
Endosulfan II	ND	0.1	ug/L	02/02/12		MR	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	02/02/12		MR	SW8081
Endrin	ND	0.1	ug/L	02/02/12		MR	SW8081
Endrin Aldehyde	ND	0.1	ug/L	02/02/12		MR	SW8081
Endrin ketone	ND	0.1	ug/L	02/02/12		MR	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	02/02/12		MR	SW8081
Heptachlor	ND	0.05	ug/L	02/02/12		MR	SW8081
Heptachlor epoxide	ND	0.05	ug/L	02/02/12		MR	SW8081
Methoxychlor	ND	0.2	ug/L	02/02/12		MR	SW8081
Toxaphene	ND	1.5	ug/L	02/02/12		MR	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	86		%	02/02/12		MR	30 - 150 %
%TCMX (Surrogate Rec)	88		%	02/02/12		MR	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	02/03/12		H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	02/03/12		H/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,4-Trichlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	02/03/12		H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	02/03/12		H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	02/03/12		H/T	SW8260
2-Hexanone	ND	5.0	ug/L	02/03/12		H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	02/03/12		H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	02/03/12		H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	02/03/12		H/T	SW8260
Acetone	ND	25	ug/L	02/03/12		H/T	SW8260
Acrylonitrile	ND	5.0	ug/L	02/03/12		H/T	SW8260
Benzene	ND	0.70	ug/L	02/03/12		H/T	SW8260
Bromobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	02/03/12		H/T	SW8260
Bromoform	ND	1.0	ug/L	02/03/12		H/T	SW8260
Bromomethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	02/03/12		H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	02/03/12		H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Chloroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Chloroform	ND	1.0	ug/L	02/03/12		H/T	SW8260
Chloromethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
cis-1,2-Dichloroethene	1.2	1.0	ug/L	02/03/12		H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	02/03/12		H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	02/03/12		H/T	SW8260
Dibromoethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Dibromomethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	02/03/12		H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	02/03/12		H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	02/03/12		H/T	SW8260
Methylene chloride	ND	1.0	ug/L	02/03/12		H/T	SW8260
Naphthalene	ND	1.0	ug/L	02/03/12		H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
o-Xylene	ND	1.0	ug/L	02/03/12		H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	02/03/12		H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Styrene	ND	1.0	ug/L	02/03/12		H/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
tert-Butylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Tetrachloroethene	14	1.0	ug/L	02/03/12		H/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	02/03/12		H/T	SW8260
Toluene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Total Xylenes	ND	1.0	ug/L	02/03/12		H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	02/03/12		H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	02/03/12		H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	02/03/12		H/T	SW8260
Trichloroethene	8.1	1.0	ug/L	02/03/12		H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	02/03/12		H/T	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	02/03/12		H/T	70 - 130 %
% Bromofluorobenzene	90		%	02/03/12		H/T	70 - 130 %
% Dibromofluoromethane	82		%	02/03/12		H/T	70 - 130 %
% Toluene-d8	82		%	02/03/12		H/T	70 - 130 %
<u>Semivolatiles</u>							
1,2,4-Trichlorobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
1,4-Dichlorobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
2,4,5-Trichlorophenol	ND	10	ug/L	02/02/12		KCA	SW8270
2,4,6-Trichlorophenol	ND	10	ug/L	02/02/12		KCA	SW8270
2,4-Dichlorophenol	ND	10	ug/L	02/02/12		KCA	SW8270
2,4-Dimethylphenol	ND	10	ug/L	02/02/12		KCA	SW8270
2,4-Dinitrophenol	ND	50	ug/L	02/02/12		KCA	SW8270
2,4-Dinitrotoluene	ND	5.0	ug/L	02/02/12		KCA	SW8270
2,6-Dinitrotoluene	ND	5.0	ug/L	02/02/12		KCA	SW8270
2-Chloronaphthalene	ND	5.0	ug/L	02/02/12		KCA	SW8270
2-Chlorophenol	ND	10	ug/L	02/02/12		KCA	SW8270
2-Methylnaphthalene	ND	5.0	ug/L	02/02/12		KCA	SW8270
2-Methylphenol (o-cresol)	ND	10	ug/L	02/02/12		KCA	SW8270
2-Nitroaniline	ND	50	ug/L	02/02/12		KCA	SW8270
2-Nitrophenol	ND	10	ug/L	02/02/12		KCA	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	02/02/12		KCA	SW8270
3,3'-Dichlorobenzidine	ND	50	ug/L	02/02/12		KCA	SW8270
3-Nitroaniline	ND	50	ug/L	02/02/12		KCA	SW8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	02/02/12		KCA	SW8270
4-Bromophenyl phenyl ether	ND	5.0	ug/L	02/02/12		KCA	SW8270
4-Chloro-3-methylphenol	ND	20	ug/L	02/02/12		KCA	SW8270
4-Chloroaniline	ND	20	ug/L	02/02/12		KCA	SW8270
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	02/02/12		KCA	SW8270
4-Nitroaniline	ND	20	ug/L	02/02/12		KCA	SW8270
4-Nitrophenol	ND	50	ug/L	02/02/12		KCA	SW8270
Acetophenone	ND	5.0	ug/L	02/02/12		KCA	SW8270
Aniline	ND	10	ug/L	02/02/12		KCA	SW8270
Anthracene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Azobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Benzidine	ND	50	ug/L	02/02/12		KCA	SW8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzoic acid	ND	50	ug/L	02/02/12		KCA	SW8270
Benzyl butyl phthalate	ND	5.0	ug/L	02/02/12		KCA	SW8270
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	02/02/12		KCA	SW8270
Bis(2-chloroethyl)ether	ND	5.0	ug/L	02/02/12		KCA	SW8270
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	02/02/12		KCA	SW8270
Carbazole	ND	5.0	ug/L	02/02/12		KCA	SW8270
Dibenzofuran	ND	5.0	ug/L	02/02/12		KCA	SW8270
Diethyl phthalate	ND	5.0	ug/L	02/02/12		KCA	SW8270
Dimethylphthalate	ND	5.0	ug/L	02/02/12		KCA	SW8270
Di-n-butylphthalate	ND	5.0	ug/L	02/02/12		KCA	SW8270
Di-n-octylphthalate	ND	5.0	ug/L	02/02/12		KCA	SW8270
Fluoranthene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Fluorene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Hexachlorobutadiene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Hexachlorocyclopentadiene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Isophorone	ND	5.0	ug/L	02/02/12		KCA	SW8270
Naphthalene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Nitrobenzene	ND	5.0	ug/L	02/02/12		KCA	SW8270
N-Nitrosodimethylamine	ND	5.0	ug/L	02/02/12		KCA	SW8270
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	02/02/12		KCA	SW8270
N-Nitrosodiphenylamine	ND	5.0	ug/L	02/02/12		KCA	SW8270
Phenol	ND	10	ug/L	02/02/12		KCA	SW8270
Pyrene	ND	5.0	ug/L	02/02/12		KCA	SW8270
Pyridine	ND	5.0	ug/L	02/02/12		KCA	SW8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	5.9		%	02/02/12		KCA	15 - 130 % 3
% 2-Fluorobiphenyl	70		%	02/02/12		KCA	15 - 130 %
% 2-Fluorophenol	<5		%	02/02/12		KCA	15 - 130 % 3
% Nitrobenzene-d5	63		%	02/02/12		KCA	15 - 130 %
% Phenol-d5	7.5		%	02/02/12		KCA	15 - 130 % 3
% Terphenyl-d14	83		%	02/02/12		KCA	15 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	02/02/12		DD	SW8270 (SIM)
Acenaphthene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Acenaphthylene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.040	ug/L	02/02/12		DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	02/02/12		DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	02/02/12		DD	SW8270 (SIM)
Chrysene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	02/02/12		DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	02/02/12		DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	02/02/12		DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	02/02/12		DD	SW8270 (SIM)
Pentachlorophenol	1	0.80	ug/L	02/02/12		DD	SW8270 (SIM)
Phenanthrene	0.05	0.050	ug/L	02/02/12		DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							

Parameter	Result	RL	Units	Date	Time	By	Reference
% 2,4,6-Tribromophenol	5.9		%	02/02/12		DD	15 - 130 % 3
% 2-Fluorobiphenyl	70		%	02/02/12		DD	15 - 130 %
% 2-Fluorophenol	<5		%	02/02/12		DD	15 - 130 % 3
% Nitrobenzene-d5	63		%	02/02/12		DD	15 - 130 %
% Phenol-d5	7.5		%	02/02/12		DD	15 - 130 % 3
% Terphenyl-d14	83		%	02/02/12		DD	15 - 130 %

3 = This parameter exceeds laboratory specified limits.

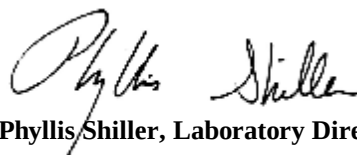
Comments:

* Poor surrogate recovery was observed for semivolatiles and there was insufficient sample for re-extraction.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

February 09, 2012



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



Analysis Report

February 09, 2012

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

Sample Information

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

Custody Information

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

Date Time
01/31/12 0:00
02/01/12 17:42

Laboratory Data

SDG ID: GBB39466
Phoenix ID: BB39474

Project ID: 811 GRAND ST.

Client ID: GW1 DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	02/03/12		H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	02/03/12		H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	02/03/12		H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	02/03/12		H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	02/03/12		H/T	SW8260
2-Hexanone	ND	5.0	ug/L	02/03/12		H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	02/03/12		H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	02/03/12		H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	02/03/12		H/T	SW8260
Acetone	ND	25	ug/L	02/03/12		H/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	02/03/12		H/T	SW8260
Benzene	ND	0.70	ug/L	02/03/12		H/T	SW8260
Bromobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	02/03/12		H/T	SW8260
Bromoform	ND	1.0	ug/L	02/03/12		H/T	SW8260
Bromomethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	02/03/12		H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	02/03/12		H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Chloroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Chloroform	2.1	1.0	ug/L	02/03/12		H/T	SW8260
Chloromethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
cis-1,2-Dichloroethene	1.6	1.0	ug/L	02/03/12		H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	02/03/12		H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	02/03/12		H/T	SW8260
Dibromoethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Dibromomethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	02/03/12		H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	02/03/12		H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	02/03/12		H/T	SW8260
Methylene chloride	ND	1.0	ug/L	02/03/12		H/T	SW8260
Naphthalene	ND	1.0	ug/L	02/03/12		H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
o-Xylene	ND	1.0	ug/L	02/03/12		H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	02/03/12		H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Styrene	ND	1.0	ug/L	02/03/12		H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Tetrachloroethene	20	1.0	ug/L	02/03/12		H/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	02/03/12		H/T	SW8260
Toluene	ND	1.0	ug/L	02/03/12		H/T	SW8260
Total Xylenes	ND	1.0	ug/L	02/03/12		H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	02/03/12		H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	02/03/12		H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	02/03/12		H/T	SW8260
Trichloroethene	3.3	1.0	ug/L	02/03/12		H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	02/03/12		H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	02/03/12		H/T	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101		%	02/03/12		H/T	70 - 130 %
% Bromofluorobenzene	90		%	02/03/12		H/T	70 - 130 %
% Dibromofluoromethane	85		%	02/03/12		H/T	70 - 130 %
% Toluene-d8	83		%	02/03/12		H/T	70 - 130 %

Parameter	Result	RL	Units	Date	Time	By	Reference
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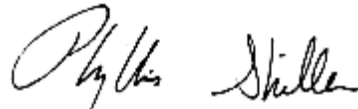
Comments:

DUPLICATE INCLUDED

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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**Phyllis Shiller, Laboratory Director****February 09, 2012**



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



Analysis Report

February 09, 2012

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

Sample Information

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

Custody Information

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

Date Time
01/31/12 0:00
02/01/12 17:42

Laboratory Data

SDG ID: GBB39466
Phoenix ID: BB39475

Project ID: 811 GRAND ST.

Client ID: B1 12-14 DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.30	0.30	mg/Kg	02/02/12		EK	6010/200.7
Aluminum	7980	45	mg/Kg	02/05/12		LK	6010/200.7
Arsenic	1.28	0.61	mg/Kg	02/02/12		EK	6010/200.7
Barium	41.2	0.30	mg/Kg	02/02/12		EK	6010/200.7
Beryllium	0.35	0.24	mg/Kg	02/02/12		EK	6010/200.7
Calcium	940	4.5	mg/Kg	02/05/12		LK	6010/200.7
Cadmium	0.64	0.30	mg/Kg	02/05/12		LK	6010/200.7
Cobalt	6.05	0.30	mg/Kg	02/05/12		LK	6010/200.7
Chromium	17.8	0.30	mg/Kg	02/02/12		EK	6010/200.7
Copper	17.6	0.30	mg/kg	02/02/12		EK	6010/200.7
Iron	26500	45	mg/Kg	02/05/12		LK	6010/200.7
Mercury	< 0.06	0.06	mg/Kg	02/02/12		RS	SW-7471
Potassium	1720	4.5	mg/Kg	02/02/12		EK	6010/200.7
Magnesium	3080	4.5	mg/Kg	02/05/12		LK	6010/200.7
Manganese	331	3.0	mg/Kg	02/05/12		LK	6010/200.7
Sodium	166	4.5	mg/Kg	02/02/12		EK	6010/200.7
Nickel	9.91	0.30	mg/Kg	02/05/12		LK	6010/200.7
Lead	12.9	0.30	mg/Kg	02/02/12		EK	6010/200.7
Antimony	< 3.0	3.0	mg/Kg	02/02/12		EK	6010/200.7
Selenium	< 1.2	1.2	mg/Kg	02/02/12		EK	6010/200.7
Thallium	< 2.7	2.7	mg/Kg	02/02/12		EK	6010/200.7
Total Metals Digest	Completed			02/01/12		AG	SW846 - 3050
Vanadium	32.1	0.30	mg/Kg	02/02/12		EK	6010/200.7
Zinc	44.5	0.30	mg/Kg	02/02/12		EK	6010/200.7
Percent Solid	97		%	02/01/12		JL	E160.3
Soil Extraction for PCB	Completed			02/01/12		CB/F	SW3545
Soil Extraction for Pesticide	Completed			02/01/12		CB	SW3545
Soil Extraction for SVOA	Completed			02/01/12		BB/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			02/02/12		D	SW7471
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	330	ug/Kg	02/02/12		MH	SW 8082
PCB-1221	ND	330	ug/Kg	02/02/12		MH	SW 8082
PCB-1232	ND	330	ug/Kg	02/02/12		MH	SW 8082
PCB-1242	ND	330	ug/Kg	02/02/12		MH	SW 8082
PCB-1248	ND	330	ug/Kg	02/02/12		MH	SW 8082
PCB-1254	ND	330	ug/Kg	02/02/12		MH	SW 8082
PCB-1260	ND	330	ug/Kg	02/02/12		MH	SW 8082
PCB-1262	ND	330	ug/Kg	02/02/12		MH	SW 8082
PCB-1268	ND	330	ug/Kg	02/02/12		MH	SW 8082
<u>QA/QC Surrogates</u>							
% DCBP	103		%	02/02/12		MH	30 - 150 %
% TCMX	94		%	02/02/12		MH	30 - 150 %
<u>Pesticides</u>							
4,4' -DDD	ND	32	ug/Kg	02/02/12		MR	SW8081
4,4' -DDE	ND	32	ug/Kg	02/02/12		MR	SW8081
4,4' -DDT	ND	32	ug/Kg	02/02/12		MR	SW8081
a-BHC	ND	16	ug/Kg	02/02/12		MR	SW8081
Alachlor	ND	16	ug/Kg	02/02/12		MR	SW8081
Aldrin	ND	5.0	ug/Kg	02/02/12		MR	SW8081
b-BHC	ND	16	ug/Kg	02/02/12		MR	SW8081
Chlordane	ND	50	ug/Kg	02/02/12		MR	SW8081
d-BHC	ND	16	ug/Kg	02/02/12		MR	SW8081
Dieldrin	ND	5.0	ug/Kg	02/02/12		MR	SW8081
Endosulfan I	ND	16	ug/Kg	02/02/12		MR	SW8081
Endosulfan II	ND	32	ug/Kg	02/02/12		MR	SW8081
Endosulfan sulfate	ND	32	ug/Kg	02/02/12		MR	SW8081
Endrin	ND	32	ug/Kg	02/02/12		MR	SW8081
Endrin aldehyde	ND	32	ug/Kg	02/02/12		MR	SW8081
Endrin ketone	ND	32	ug/Kg	02/02/12		MR	SW8081
g-BHC	ND	5.0	ug/Kg	02/02/12		MR	SW8081
Heptachlor	ND	10	ug/Kg	02/02/12		MR	SW8081
Heptachlor epoxide	ND	16	ug/Kg	02/02/12		MR	SW8081
Methoxychlor	ND	160	ug/Kg	02/02/12		MR	SW8081
Toxaphene	ND	160	ug/Kg	02/02/12		MR	SW8081
<u>QA/QC Surrogates</u>							
% DCBP	80		%	02/02/12		MR	30 - 150 %
% TCMX	81		%	02/02/12		MR	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1,1-Trichloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1,2-Trichloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloroethene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,1-Dichloropropene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,2-Dichloropropane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,3-Dichloropropane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
1,4-Dichlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
2,2-Dichloropropane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
2-Chlorotoluene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
2-Hexanone	ND	26	ug/Kg	02/01/12		R/J	SW8260
2-Isopropyltoluene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
4-Chlorotoluene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
4-Methyl-2-pentanone	ND	26	ug/Kg	02/01/12		R/J	SW8260
Acetone	ND	26	ug/Kg	02/01/12		R/J	SW8260
Acrylonitrile	ND	10	ug/Kg	02/01/12		R/J	SW8260
Benzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Bromobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Bromochloromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Bromodichloromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Bromoform	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Bromomethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Carbon Disulfide	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Carbon tetrachloride	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Chlorobenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Chloroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Chloroform	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Chloromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Dibromochloromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Dibromoethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Dibromomethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Dichlorodifluoromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Ethylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Hexachlorobutadiene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Isopropylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
m&p-Xylene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	02/01/12		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	02/01/12		R/J	SW8260
Methylene chloride	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Naphthalene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
n-Butylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
n-Propylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
o-Xylene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
p-Isopropyltoluene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
sec-Butylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
tert-Butylbenzene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Tetrachloroethene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	02/01/12		R/J	SW8260
Toluene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Total Xylenes	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	02/01/12		R/J	SW8260
Trichloroethene	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Trichlorofluoromethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Trichlorotrifluoroethane	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
Vinyl chloride	ND	5.2	ug/Kg	02/01/12		R/J	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	02/01/12		R/J	70 - 130 %
% Bromofluorobenzene	94		%	02/01/12		R/J	70 - 130 %
% Dibromofluoromethane	93		%	02/01/12		R/J	70 - 130 %
% Toluene-d8	97		%	02/01/12		R/J	70 - 130 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrophenol	ND	540	ug/Kg	02/02/12		KCA	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2-Chlorophenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	02/02/12		KCA	SW 8270
2-Nitroaniline	ND	540	ug/Kg	02/02/12		KCA	SW 8270
2-Nitrophenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	02/02/12		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	240	ug/Kg	02/02/12		KCA	SW 8270
3-Nitroaniline	ND	540	ug/Kg	02/02/12		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	970	ug/Kg	02/02/12		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	02/02/12		KCA	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
4-Chloroaniline	ND	240	ug/Kg	02/02/12		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	02/02/12		KCA	SW 8270
4-Nitroaniline	ND	540	ug/Kg	02/02/12		KCA	SW 8270
4-Nitrophenol	ND	970	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Acenaphthylene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Acetophenone	ND	240	ug/Kg	02/02/12		KCA	SW 8270

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	970	ug/Kg	02/02/12		KCA	SW 8270
Anthracene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Azobenzene	ND	340	ug/Kg	02/02/12		KCA	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Benidine	ND	400	ug/Kg	02/02/12		KCA	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Benzoic acid	ND	970	ug/Kg	02/02/12		KCA	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Carbazole	ND	500	ug/Kg	02/02/12		KCA	SW 8270
Chrysene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Dibenzofuran	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Diethyl phthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Dimethylphthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Fluoranthene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Fluorene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Hexachloroethane	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Isophorone	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Naphthalene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Nitrobenzene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	02/02/12		KCA	SW 8270
N-Nitrosodiphenylamine	ND	340	ug/Kg	02/02/12		KCA	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	02/02/12		KCA	SW 8270
Pentachlorophenol	ND	340	ug/Kg	02/02/12		KCA	SW 8270
Phenanthrene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Phenol	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Pyrene	ND	240	ug/Kg	02/02/12		KCA	SW 8270
Pyridine	ND	340	ug/Kg	02/02/12		KCA	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	111		%	02/02/12		KCA	15 - 130 %
% 2-Fluorobiphenyl	92		%	02/02/12		KCA	15 - 130 %
% 2-Fluorophenol	93		%	02/02/12		KCA	15 - 130 %
% Nitrobenzene-d5	99		%	02/02/12		KCA	15 - 130 %
% Phenol-d5	85		%	02/02/12		KCA	15 - 130 %
% Terphenyl-d14	89		%	02/02/12		KCA	15 - 130 %

Project ID: 811 GRAND ST.

Phoenix I.D.: BB39475

Client ID: B1 12-14 DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
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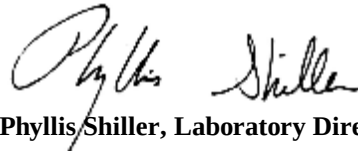
Comments:

DUPLICATE INCLUDED

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

February 09, 2012



Environmental Laboratories, Inc.
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QA/QC Report

February 09, 2012

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 193478, QC Sample No: BB38329 (BB39472, BB39473)												
Thallium - Water	BDL	<0.002	<0.001	NC	115	114	0.9	114	115	0.9	75 - 125	20
QA/QC Batch 193554, QC Sample No: BB38793 (BB39472, BB39473)												
<u>ICP Metals - Aqueous</u>												
Aluminum	BDL	0.550	0.556	1.10	86.1	83.9	2.6	93.6	82.4	12.7	75 - 125	20
Antimony	BDL	<0.005	<0.005	NC	88.6	86.6	2.3	97.1	89.4	8.3	75 - 125	20
Arsenic	BDL	0.004	0.004	NC	88.5	85.8	3.1	96.5	89.8	7.2	75 - 125	20
Barium	BDL	0.029	0.029	0	91.8	89.4	2.6	97.9	90.0	8.4	75 - 125	20
Beryllium	BDL	<0.001	<0.001	NC	91.2	89.6	1.8	99.0	91.4	8.0	75 - 125	20
Cadmium	BDL	<0.001	<0.001	NC	88.9	86.4	2.9	94.5	87.6	7.6	75 - 125	20
Calcium	BDL	37.2	37.9	1.90	90.4	87.9	2.8	NC	NC	NC	75 - 125	20
Chromium	BDL	<0.001	<0.001	NC	89.9	87.3	2.9	96.6	89.3	7.9	75 - 125	20
Cobalt	BDL	<0.002	<0.002	NC	89.4	87.0	2.7	96.3	89.3	7.5	75 - 125	20
Copper	BDL	0.060	0.061	1.70	91.6	89.1	2.8	101	92.9	8.4	75 - 125	20
Iron	BDL	0.131	0.128	2.30	90.5	87.9	2.9	96.2	87.9	9.0	75 - 125	20
Lead	BDL	<0.002	<0.002	NC	90.8	88.3	2.8	97.4	90.1	7.8	75 - 125	20
Magnesium	BDL	10.6	10.7	0.90	92.2	89.7	2.7	NC	NC	NC	75 - 125	20
Manganese	BDL	0.025	0.026	3.90	92.4	89.7	3.0	99.3	91.2	8.5	75 - 125	20
Nickel	BDL	0.006	0.006	0	90.3	87.8	2.8	96.4	89.3	7.6	75 - 125	20
Potassium	BDL	18.9	19.3	2.10	93.4	89.4	4.4	112	84.8	27.6	75 - 125	20
Selenium	BDL	<0.010	<0.010	NC	84.0	82.6	1.7	92.5	85.9	7.4	75 - 125	20
Silver	BDL	<0.001	<0.001	NC	90.7	88.3	2.7	99.0	91.7	7.7	75 - 125	20
Sodium	BDL	145	148	2.00	101	96.6	4.5	NC	NC	NC	75 - 125	20
Vanadium	BDL	0.003	0.003	NC	89.0	86.6	2.7	97.1	89.3	8.4	75 - 125	20
Zinc	0.003	0.817	0.833	1.90	86.7	84.2	2.9	95.7	82.6	14.7	75 - 125	20
QA/QC Batch 193652, QC Sample No: BB39144 (BB39472, BB39473)												
Mercury - Water	BDL	<0.0002	<0.0002	NC	119	119	0.0	125	123	1.6	70 - 130	20
QA/QC Batch 193620, QC Sample No: BB39242 (BB39466, BB39467, BB39468, BB39469, BB39470, BB39471, BB39475)												
<u>ICP Metals - Soil</u>												
Aluminum	BDL	13100	11900	9.60	118	119	0.8	NC	NC	NC	75 - 125	30
Antimony	BDL	<0.69	<3.6	NC	114	125	9.2	78.5	73.9	6.0	75 - 125	30
Arsenic	BDL	<0.69	<0.72	NC	105	108	2.8	94.0	95.1	1.2	75 - 125	30
Barium	BDL	47.8	40.6	16.3	109	112	2.7	97.4	100	2.6	75 - 125	30
Beryllium	BDL	<0.35	0.31	NC	110	119	7.9	99.0	99.0	0.0	75 - 125	30
Cadmium	BDL	1.03	0.85	NC	115	110	4.4	96.7	95.1	1.7	75 - 125	30
Calcium	BDL	829	1020	20.7	108	118	8.8	NC	NC	NC	75 - 125	30
Chromium	BDL	77.6	71.3	8.50	114	120	5.1	75.9	112	38.4	75 - 125	30
Cobalt	BDL	16.8	13.5	21.8	114	110	3.6	90.9	102	11.5	75 - 125	30
Copper	BDL	8.55	9.12	6.50	110	118	7.0	95.1	98.0	3.0	75 - 125	30
Iron	7.2	23100	19700	15.9	112	122	8.5	NC	NC	NC	75 - 125	30
Lead	BDL	5.44	5.53	1.60	108	116	7.1	94.5	92.2	2.5	75 - 125	30
Magnesium	BDL	12600	9030	33.0	108	113	4.5	NC	NC	NC	75 - 125	30

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Manganese	BDL	334	287	15.1	111	123	10.3	59.4	>130	NC	75 - 125	30	m
Nickel	BDL	104	78.5	27.9	115	108	6.3	63.4	116	58.6	75 - 125	30	m,r
Potassium	BDL	3940	3180	21.3	94.9	95.7	0.8	NC	NC	NC	75 - 125	30	
Selenium	BDL	<1.4	<1.4	NC	99.6	108	8.1	89.0	89.7	0.8	75 - 125	30	
Silver	BDL	<0.35	<0.36	NC	94.4	91.8	2.8	86.6	87.1	0.6	75 - 125	30	
Sodium	BDL	498	540	8.10	94.0	95.8	1.9	75.0	>130	NC	75 - 125	30	m
Thallium	BDL	<0.28	<3.2	NC	103	115	11.0	90.2	90.5	0.3	75 - 125	30	
Vanadium	BDL	33.1	29.0	13.2	110	121	9.5	92.8	93.8	1.1	75 - 125	30	
Zinc	BDL	49.2	44.7	9.60	106	117	9.9	89.1	92.0	3.2	75 - 125	30	
QA/QC Batch 193673, QC Sample No: BB39422 (BB39466, BB39467, BB39468, BB39469, BB39470, BB39471, BB39475)													
Mercury - Soil	BDL	<0.08	<0.07	NC	100	106	5.8	112	113	0.9	70 - 130	30	

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

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



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QA/QC Report

February 09, 2012

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 193643, QC Sample No: BB38447 (BB39466, BB39467, BB39468, BB39469, BB39470, BB39471, BB39475)												
Total Cyanide	BDL	<0.52	<0.47	NC	98.7			97.0			85 - 115	30



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Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 193567, QC Sample No: BB38473 (BB39472, BB39473)									
<u>Polychlorinated Biphenyls - Ground Water</u>									
PCB-1016	ND	94	104	10.1				40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	101	105	3.9				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	83	84	89	5.8				30 - 150	20
% TCMX (Surrogate Rec)	94	92	94	2.2				30 - 150	20

Comment:

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

QA/QC Batch 193566, QC Sample No: BB38640 (BB39472, BB39473)

Pesticides - Ground Water

4,4' -DDD	ND	90	102	12.5				40 - 140	20
4,4' -DDE	ND	85	99	15.2				40 - 140	20
4,4' -DDT	ND	87	99	12.9				40 - 140	20
α-BHC	ND	91	100	9.4				40 - 140	20
Alachlor	ND	N/A	N/A	NC				40 - 140	20
Aldrin	ND	80	92	14.0				40 - 140	20
β-BHC	ND	85	93	9.0				40 - 140	20
Chlordane	ND	N/A	N/A	NC				40 - 140	20
δ-BHC	ND	90	100	10.5				40 - 140	20
Dieldrin	ND	88	99	11.8				40 - 140	20
Endosulfan I	ND	76	85	11.2				40 - 140	20
Endosulfan II	ND	94	106	12.0				40 - 140	20
Endosulfan sulfate	ND	83	94	12.4				40 - 140	20
Endrin	ND	85	97	13.2				40 - 140	20
Endrin aldehyde	ND	98	110	11.5				40 - 140	20
Endrin ketone	ND	84	95	12.3				40 - 140	20
γ-BHC	ND	89	99	10.6				40 - 140	20
Heptachlor	ND	86	96	11.0				40 - 140	20
Heptachlor epoxide	ND	86	97	12.0				40 - 140	20
Methoxychlor	ND	91	102	11.4				40 - 140	20
Toxaphene	ND	N/A	N/A	NC				40 - 140	20
% DCBP	98	88	98	10.8				30 - 150	20
% TCMX	85	80	85	6.1				30 - 150	20

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 193549, QC Sample No: BB38936 (BB39466)									
Pesticides - Soil									
4,4' -DDD	ND	73	74	1.4	72	78	8.0	40 - 140	30
4,4' -DDE	ND	83	82	1.2	76	80	5.1	40 - 140	30
4,4' -DDT	ND	83	81	2.4	77	82	6.3	40 - 140	30
a-BHC	ND	83	85	2.4	76	80	5.1	40 - 140	30
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
Aldrin	ND	83	83	0.0	76	78	2.6	40 - 140	30
b-BHC	ND	81	82	1.2	76	79	3.9	40 - 140	30
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
d-BHC	ND	79	81	2.5	74	78	5.3	40 - 140	30
Dieldrin	ND	83	83	0.0	77	79	2.6	40 - 140	30
Endosulfan I	ND	80	80	0.0	77	75	2.6	40 - 140	30
Endosulfan II	ND	68	70	2.9	80	73	9.2	40 - 140	30
Endosulfan sulfate	ND	75	75	0.0	76	78	2.6	40 - 140	30
Endrin	ND	69	68	1.5	76	79	3.9	40 - 140	30
Endrin aldehyde	ND	78	85	8.6	91	91	0.0	40 - 140	30
Endrin ketone	ND	87	88	1.1	83	84	1.2	40 - 140	30
g-BHC	ND	83	84	1.2	77	80	3.8	40 - 140	30
Heptachlor	ND	81	82	1.2	76	77	1.3	40 - 140	30
Heptachlor epoxide	ND	81	79	2.5	75	75	0.0	40 - 140	30
Methoxychlor	ND	74	73	1.4	78	85	8.6	40 - 140	30
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
% DCBP	78	81	80	1.2	83	83	0.0	30 - 150	30
% TCMX	82	87	87	0.0	79	82	3.7	30 - 150	30

QA/QC Batch 193622, QC Sample No: BB39219 (BB39472, BB39473)

Semivolatiles - Ground Water

1,2,4,5-Tetrachlorobenzene	ND	73	74	1.4				30 - 130	20
1,2,4-Trichlorobenzene	ND	72	71	1.4				30 - 130	20
1,2-Dichlorobenzene	ND	73	73	0.0				30 - 130	20
1,3-Dichlorobenzene	ND	71	71	0.0				30 - 130	20
1,4-Dichlorobenzene	ND	73	73	0.0				30 - 130	20
2,4,5-Trichlorophenol	ND	94	99	5.2				30 - 130	20
2,4,6-Trichlorophenol	ND	102	101	1.0				30 - 130	20
2,4-Dichlorophenol	ND	86	87	1.2				30 - 130	20
2,4-Dimethylphenol	ND	42	42	0.0				30 - 130	20
2,4-Dinitrophenol	ND	41	58	34.3				30 - 130	20
2,4-Dinitrotoluene	ND	83	85	2.4				30 - 130	20
2,6-Dinitrotoluene	ND	83	83	0.0				30 - 130	20
2-Chloronaphthalene	ND	79	79	0.0				30 - 130	20
2-Chlorophenol	ND	74	74	0.0				30 - 130	20
2-Methylnaphthalene	ND	78	79	1.3				30 - 130	20
2-Methylphenol (o-cresol)	ND	70	68	2.9				30 - 130	20
2-Nitroaniline	ND	>150	>150	NC				30 - 130	20
2-Nitrophenol	ND	82	81	1.2				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	72	73	1.4				30 - 130	20
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC				30 - 130	20
3-Nitroaniline	ND	46	50	8.3				30 - 130	20
4,6-Dinitro-2-methylphenol	ND	71	81	13.2				30 - 130	20
4-Bromophenyl phenyl ether	ND	82	79	3.7				30 - 130	20
4-Chloro-3-methylphenol	ND	92	93	1.1				30 - 130	20
4-Chloroaniline	ND	12	12	0.0				30 - 130	20

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
4-Chlorophenyl phenyl ether	ND	79	79	0.0				30 - 130	20
4-Nitroaniline	ND	84	85	1.2				30 - 130	20
4-Nitrophenol	ND	85	93	9.0				30 - 130	20
Acenaphthene	ND	79	79	0.0				30 - 130	20
Acenaphthylene	ND	77	77	0.0				30 - 130	20
Acetophenone	ND	75	75	0.0				30 - 130	20
Aniline	ND	N/A	N/A	NC				30 - 130	20
Anthracene	ND	81	82	1.2				30 - 130	20
Azobenzene	ND	78	81	3.8				30 - 130	20
Benz(a)anthracene	ND	93	93	0.0				30 - 130	20
Benzidine	ND	N/A	N/A	NC				30 - 130	20
Benzo(a)pyrene	ND	76	78	2.6				30 - 130	20
Benzo(b)fluoranthene	ND	82	82	0.0				30 - 130	20
Benzo(ghi)perylene	ND	78	82	5.0				30 - 130	20
Benzo(k)fluoranthene	ND	83	84	1.2				30 - 130	20
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20
Benzyl butyl phthalate	ND	81	82	1.2				30 - 130	20
Bis(2-chloroethoxy)methane	ND	68	69	1.5				30 - 130	20
Bis(2-chloroethyl)ether	ND	76	76	0.0				30 - 130	20
Bis(2-chloroisopropyl)ether	ND	74	76	2.7				30 - 130	20
Bis(2-ethylhexyl)phthalate	ND	102	101	1.0				30 - 130	20
Carbazole	ND	96	96	0.0				30 - 130	20
Chrysene	ND	91	92	1.1				30 - 130	20
Dibenz(a,h)anthracene	ND	75	79	5.2				30 - 130	20
Dibenzofuran	ND	78	79	1.3				30 - 130	20
Diethyl phthalate	ND	54	54	0.0				30 - 130	20
Dimethylphthalate	ND	26	25	3.9				30 - 130	20
Di-n-butylphthalate	ND	87	83	4.7				30 - 130	20
Di-n-octylphthalate	ND	113	108	4.5				30 - 130	20
Fluoranthene	ND	87	86	1.2				30 - 130	20
Fluorene	ND	79	81	2.5				30 - 130	20
Hexachlorobenzene	ND	90	86	4.5				30 - 130	20
Hexachlorobutadiene	ND	76	77	1.3				30 - 130	20
Hexachlorocyclopentadiene	ND	<5	<5	NC				30 - 130	20
Hexachloroethane	ND	70	73	4.2				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	77	80	3.8				30 - 130	20
Isophorone	ND	65	64	1.6				30 - 130	20
Naphthalene	ND	75	75	0.0				30 - 130	20
Nitrobenzene	ND	77	78	1.3				30 - 130	20
N-Nitrosodimethylamine	ND	56	54	3.6				30 - 130	20
N-Nitrosodi-n-propylamine	ND	79	81	2.5				30 - 130	20
N-Nitrosodiphenylamine	ND	79	81	2.5				30 - 130	20
Pentachloronitrobenzene	ND	90	88	2.2				30 - 130	20
Pentachlorophenol	ND	117	124	5.8				30 - 130	20
Phenanthrene	ND	84	84	0.0				30 - 130	20
Phenol	ND	65	66	1.5				30 - 130	20
Pyrene	ND	89	89	0.0				30 - 130	20
Pyridine	ND	<5	<5	NC				30 - 130	20
% 2,4,6-Tribromophenol	88	107	111	3.7				15 - 130	20
% 2-Fluorobiphenyl	72	73	70	4.2				30 - 130	20
% 2-Fluorophenol	75	62	64	3.2				15 - 130	20
% Nitrobenzene-d5	64	71	72	1.4				30 - 130	20
% Phenol-d5	75	58	60	3.4				15 - 130	20

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Terphenyl-d14	80	85	83	2.4				30 - 130	20

Comment:

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

QA/QC Batch 193785, QC Sample No: BB39243 (BB39466 (250X))

Volatiles - Soil

1,2-Dichlorobenzene	ND	107	108	0.9	103	110	6.6	70 - 130	30
cis-1,2-Dichloroethene	ND	100	107	6.8	93	99	6.3	70 - 130	30

QA/QC Batch 193890, QC Sample No: BB39300 (BB39473, BB39474)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	91	99	8.4	86	91	5.6	70 - 130	30
1,1,1-Trichloroethane	ND	87	96	9.8	85	88	3.5	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	104	114	9.2	108	113	4.5	70 - 130	30
1,1,2-Trichloroethane	ND	88	93	5.5	88	89	1.1	70 - 130	30
1,1-Dichloroethane	ND	94	104	10.1	93	97	4.2	70 - 130	30
1,1-Dichloroethene	ND	83	98	16.6	90	96	6.5	70 - 130	30
1,1-Dichloropropene	ND	89	95	6.5	85	88	3.5	70 - 130	30
1,2,3-Trichlorobenzene	ND	77	100	26.0	87	98	11.9	70 - 130	30
1,2,3-Trichloropropane	ND	97	104	7.0	97	101	4.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	77	94	19.9	85	95	11.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	87	96	9.8	87	91	4.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	90	101	11.5	81	91	11.6	70 - 130	30
1,2-Dichlorobenzene	ND	92	99	7.3	94	98	4.2	70 - 130	30
1,2-Dichloroethane	ND	103	108	4.7	103	107	3.8	70 - 130	30
1,2-Dichloropropane	ND	104	110	5.6	102	105	2.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	88	97	9.7	86	87	1.2	70 - 130	30
1,3-Dichlorobenzene	ND	89	95	6.5	87	93	6.7	70 - 130	30
1,3-Dichloropropane	ND	97	109	11.7	96	104	8.0	70 - 130	30
1,4-Dichlorobenzene	ND	90	97	7.5	93	99	6.3	70 - 130	30
2,2-Dichloropropane	ND	93	122	27.0	49	65	28.1	70 - 130	30 m
2-Chlorotoluene	ND	88	96	8.7	86	91	5.6	70 - 130	30
2-Hexanone	ND	80	96	18.2	80	92	14.0	70 - 130	30
2-Isopropyltoluene	ND	85	95	11.1	89	91	2.2	70 - 130	30
4-Chlorotoluene	ND	88	96	8.7	90	93	3.3	70 - 130	30
4-Methyl-2-pentanone	ND	91	103	12.4	86	94	8.9	70 - 130	30
Acetone	ND	81	91	11.6	126	123	2.4	70 - 130	30
Acrylonitrile	ND	107	117	8.9	101	117	14.7	70 - 130	30
Benzene	ND	94	100	6.2	91	93	2.2	70 - 130	30
Bromobenzene	ND	90	96	6.5	87	92	5.6	70 - 130	30
Bromochloromethane	ND	92	100	8.3	93	97	4.2	70 - 130	30
Bromodichloromethane	ND	89	93	4.4	88	92	4.4	70 - 130	30
Bromoform	ND	85	92	7.9	87	90	3.4	70 - 130	30
Bromomethane	ND	84	109	25.9	94	104	10.1	70 - 130	30
Carbon Disulfide	ND	88	103	15.7	91	99	8.4	70 - 130	30
Carbon tetrachloride	ND	89	97	8.6	75	80	6.5	70 - 130	30
Chlorobenzene	ND	92	98	6.3	94	97	3.1	70 - 130	30
Chloroethane	ND	90	103	13.5	94	100	6.2	70 - 130	30
Chloroform	ND	89	98	9.6	91	94	3.2	70 - 130	30
Chloromethane	ND	72	93	25.5	82	88	7.1	70 - 130	30
cis-1,2-Dichloroethene	ND	87	96	9.8	88	93	5.5	70 - 130	30
cis-1,3-Dichloropropene	ND	73	83	12.8	68	74	8.5	70 - 130	30 m
Dibromochloromethane	ND	87	98	11.9	88	91	3.4	70 - 130	30

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dibromoethane	ND	85	87	2.3	81	88	8.3	70 - 130	30
Dibromomethane	ND	105	109	3.7	102	105	2.9	70 - 130	30
Dichlorodifluoromethane	ND	53	78	38.2	70	76	8.2	70 - 130	30
Ethylbenzene	ND	93	103	10.2	92	94	2.2	70 - 130	30
Hexachlorobutadiene	ND	66	79	17.9	75	82	8.9	70 - 130	30
Isopropylbenzene	ND	86	94	8.9	82	87	5.9	70 - 130	30
m&p-Xylene	ND	93	103	10.2	94	96	2.1	70 - 130	30
Methyl ethyl ketone	ND	102	99	3.0	108	104	3.8	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	149	>150	NC	66	99	40.0	70 - 130	30
Methylene chloride	ND	75	82	8.9	76	79	3.9	70 - 130	30
Naphthalene	ND	50	83	49.6	61	95	43.6	70 - 130	30
n-Butylbenzene	ND	82	102	21.7	89	97	8.6	70 - 130	30
n-Propylbenzene	ND	84	91	8.0	87	89	2.3	70 - 130	30
o-Xylene	ND	97	109	11.7	98	100	2.0	70 - 130	30
p-Isopropyltoluene	ND	89	101	12.6	86	90	4.5	70 - 130	30
sec-Butylbenzene	ND	87	97	10.9	90	92	2.2	70 - 130	30
Styrene	ND	100	111	10.4	101	104	2.9	70 - 130	30
tert-Butylbenzene	ND	84	92	9.1	82	85	3.6	70 - 130	30
Tetrachloroethene	ND	78	90	14.3	77	81	5.1	70 - 130	30
Tetrahydrofuran (THF)	ND	100	106	5.8	97	99	2.0	70 - 130	30
Toluene	ND	82	87	5.9	79	81	2.5	70 - 130	30
trans-1,2-Dichloroethene	ND	86	97	12.0	88	93	5.5	70 - 130	30
trans-1,3-Dichloropropene	ND	83	92	10.3	72	78	8.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	105	117	10.8	76	96	23.3	70 - 130	30
Trichloroethene	ND	86	94	8.9	85	87	2.3	70 - 130	30
Trichlorofluoromethane	ND	99	120	19.2	88	98	10.8	70 - 130	30
Trichlorotrifluoroethane	ND	83	92	10.3	80	92	14.0	70 - 130	30
Vinyl chloride	ND	74	92	21.7	81	88	8.3	70 - 130	30
% 1,2-dichlorobenzene-d4	102	102	101	1.0	101	102	1.0	70 - 130	30
% Bromofluorobenzene	88	104	106	1.9	104	105	1.0	70 - 130	30
% Dibromofluoromethane	85	91	88	3.4	86	88	2.3	70 - 130	30
% Toluene-d8	82	90	85	5.7	86	85	1.2	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 193694, QC Sample No: BB39317 (BB39466 (50X))

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	131	135	3.0	120	116	3.4	70 - 130	30
1,1,1-Trichloroethane	ND	116	116	0.0	111	103	7.5	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	99	111	11.4	98	97	1.0	70 - 130	30
1,1,2-Trichloroethane	ND	115	125	8.3	101	103	2.0	70 - 130	30
1,1-Dichloroethane	ND	84	104	21.3	80	92	14.0	70 - 130	30
1,1-Dichloroethene	ND	96	95	1.0	91	85	6.8	70 - 130	30
1,1-Dichloropropene	ND	117	113	3.5	114	105	8.2	70 - 130	30
1,2,3-Trichlorobenzene	ND	121	126	4.0	90	83	8.1	70 - 130	30
1,2,3-Trichloropropane	ND	102	117	13.7	99	102	3.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	121	119	1.7	97	89	8.6	70 - 130	30
1,2,4-Trimethylbenzene	ND	114	112	1.8	116	104	10.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	124	148	17.6	108	116	7.1	70 - 130	30
1,2-Dichloroethane	ND	114	118	3.4	103	101	2.0	70 - 130	30
1,2-Dichloropropane	ND	101	102	1.0	93	87	6.7	70 - 130	30
1,3,5-Trimethylbenzene	ND	114	112	1.8	116	103	11.9	70 - 130	30
1,3-Dichlorobenzene	ND	115	113	1.8	111	100	10.4	70 - 130	30

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3-Dichloropropane	ND	104	114	9.2	95	95	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	110	110	0.0	107	98	8.8	70 - 130	30	
2,2-Dichloropropane	ND	120	123	2.5	114	109	4.5	70 - 130	30	
2-Chlorotoluene	ND	111	108	2.7	114	102	11.1	70 - 130	30	
2-Hexanone	ND	92	112	19.6	47	51	8.2	70 - 130	30	m
2-Isopropyltoluene	ND	108	103	4.7	111	99	11.4	70 - 130	30	
4-Chlorotoluene	ND	110	105	4.7	113	102	10.2	70 - 130	30	
4-Methyl-2-pentanone	ND	100	117	15.7	76	83	8.8	70 - 130	30	
Acetone	ND	101	122	18.8	<40	<40	NC	70 - 130	30	m
Acrylonitrile	ND	84	101	18.4	73	83	12.8	70 - 130	30	
Benzene	ND	106	106	0.0	100	92	8.3	70 - 130	30	
Bromobenzene	ND	116	113	2.6	113	99	13.2	70 - 130	30	
Bromochloromethane	ND	108	119	9.7	99	99	0.0	70 - 130	30	
Bromodichloromethane	ND	120	123	2.5	109	103	5.7	70 - 130	30	
Bromoform	ND	137	>150	NC	115	118	2.6	70 - 130	30	l
Bromomethane	ND	117	105	10.8	111	99	11.4	70 - 130	30	
Carbon Disulfide	ND	89	90	1.1	85	77	9.9	70 - 130	30	
Carbon tetrachloride	ND	140	131	6.6	130	116	11.4	70 - 130	30	l
Chlorobenzene	ND	107	109	1.9	104	96	8.0	70 - 130	30	
Chloroethane	ND	97	98	1.0	94	90	4.3	70 - 130	30	
Chloroform	ND	97	113	15.2	88	97	9.7	70 - 130	30	
Chloromethane	ND	78	85	8.6	84	74	12.7	70 - 130	30	
cis-1,3-Dichloropropene	ND	116	116	0.0	103	96	7.0	70 - 130	30	
Dibromochloromethane	ND	130	140	7.4	115	116	0.9	70 - 130	30	l
Dibromoethane	ND	116	127	9.1	104	99	4.9	70 - 130	30	
Dibromomethane	ND	108	117	8.0	96	98	2.1	70 - 130	30	
Dichlorodifluoromethane	ND	69	70	1.4	71	67	5.8	70 - 130	30	l,m
Ethylbenzene	ND	111	111	0.0	107	100	6.8	70 - 130	30	
Hexachlorobutadiene	ND	117	114	2.6	99	89	10.6	70 - 130	30	
Isopropylbenzene	ND	112	109	2.7	119	105	12.5	70 - 130	30	
m&p-Xylene	ND	110	112	1.8	109	101	7.6	70 - 130	30	
Methyl ethyl ketone	ND	82	101	20.8	<40	41	NC	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	107	111	3.7	95	90	5.4	70 - 130	30	
Methylene chloride	ND	85	101	17.2	90	85	5.7	70 - 130	30	
Naphthalene	ND	121	128	5.6	97	88	9.7	70 - 130	30	
n-Butylbenzene	ND	111	106	4.6	106	93	13.1	70 - 130	30	
n-Propylbenzene	ND	106	101	4.8	116	103	11.9	70 - 130	30	
o-Xylene	ND	109	111	1.8	104	96	8.0	70 - 130	30	
p-Isopropyltoluene	ND	119	116	2.6	117	105	10.8	70 - 130	30	
sec-Butylbenzene	ND	107	105	1.9	111	99	11.4	70 - 130	30	
Styrene	ND	108	113	4.5	101	96	5.1	70 - 130	30	
tert-Butylbenzene	ND	114	110	3.6	118	105	11.7	70 - 130	30	
Tetrachloroethene	ND	116	115	0.9	118	106	10.7	70 - 130	30	
Tetrahydrofuran (THF)	ND	72	102	34.5	59	82	32.6	70 - 130	30	m,r
Toluene	ND	112	113	0.9	105	97	7.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	129	91	34.5	102	77	27.9	70 - 130	30	r
trans-1,3-Dichloropropene	ND	121	129	6.4	108	104	3.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	116	128	9.8	102	102	0.0	70 - 130	30	
Trichlorofluoromethane	ND	112	118	5.2	92	91	1.1	70 - 130	30	
Trichlorotrifluoroethane	ND	100	99	1.0	98	90	8.5	70 - 130	30	
Vinyl chloride	ND	85	93	9.0	89	78	13.2	70 - 130	30	
% 1,2-dichlorobenzene-d4	104	99	102	3.0	99	99	0.0	70 - 130	30	
% Bromofluorobenzene	97	101	104	2.9	97	100	3.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Dibromofluoromethane	106	87	106	19.7	95	107	11.9	70 - 130	30
% Toluene-d8	97	101	100	1.0	101	99	2.0	70 - 130	30

QA/QC Batch 193670, QC Sample No: BB39468 (BB39467, BB39468, BB39469, BB39470, BB39471, BB39475)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	114	108	5.4	106	105	0.9	70 - 130	30
1,1,1-Trichloroethane	ND	109	89	20.2	104	85	20.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	104	103	1.0	105	110	4.7	70 - 130	30
1,1,2-Trichloroethane	ND	112	110	1.8	106	103	2.9	70 - 130	30
1,1-Dichloroethane	ND	119	98	19.4	99	95	4.1	70 - 130	30
1,1-Dichloroethene	ND	103	96	7.0	100	100	0.0	70 - 130	30
1,1-Dichloropropene	ND	108	103	4.7	102	100	2.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	124	122	1.6	93	95	2.1	70 - 130	30
1,2,3-Trichloropropane	ND	104	102	1.9	85	106	22.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	124	123	0.8	99	100	1.0	70 - 130	30
1,2,4-Trimethylbenzene	ND	109	108	0.9	103	111	7.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	110	106	3.7	101	102	1.0	70 - 130	30
1,2-Dichlorobenzene	ND	109	104	4.7	99	102	3.0	70 - 130	30
1,2-Dichloroethane	ND	106	100	5.8	99	97	2.0	70 - 130	30
1,2-Dichloropropane	ND	108	102	5.7	103	101	2.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	109	108	0.9	102	109	6.6	70 - 130	30
1,3-Dichlorobenzene	ND	111	108	2.7	101	104	2.9	70 - 130	30
1,3-Dichloropropane	ND	108	104	3.8	99	100	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	109	106	2.8	101	103	2.0	70 - 130	30
2,2-Dichloropropane	ND	118	99	17.5	113	95	17.3	70 - 130	30
2-Chlorotoluene	ND	106	104	1.9	101	109	7.6	70 - 130	30
2-Hexanone	ND	114	108	5.4	103	103	0.0	70 - 130	30
2-Isopropyltoluene	ND	108	104	3.8	99	108	8.7	70 - 130	30
4-Chlorotoluene	ND	106	103	2.9	101	104	2.9	70 - 130	30
4-Methyl-2-pentanone	ND	117	110	6.2	108	106	1.9	70 - 130	30
Acetone	ND	106	105	0.9	98	94	4.2	70 - 130	30
Acrylonitrile	ND	117	85	31.7	96	86	11.0	70 - 130	30
Benzene	ND	105	102	2.9	99	100	1.0	70 - 130	30
Bromobenzene	ND	109	106	2.8	100	104	3.9	70 - 130	30
Bromochloromethane	ND	122	92	28.0	114	89	24.6	70 - 130	30
Bromodichloromethane	ND	115	107	7.2	107	105	1.9	70 - 130	30
Bromoform	ND	114	104	9.2	106	101	4.8	70 - 130	30
Bromomethane	ND	95	88	7.7	88	90	2.2	70 - 130	30
Carbon Disulfide	ND	99	96	3.1	96	92	4.3	70 - 130	30
Carbon tetrachloride	ND	105	84	22.2	105	83	23.4	70 - 130	30
Chlorobenzene	ND	106	101	4.8	101	98	3.0	70 - 130	30
Chloroethane	ND	107	97	9.8	100	98	2.0	70 - 130	30
Chloroform	ND	116	94	21.0	111	88	23.1	70 - 130	30
Chloromethane	ND	97	91	6.4	89	88	1.1	70 - 130	30
cis-1,2-Dichloroethene	ND	123	95	25.7	108	89	19.3	70 - 130	30
cis-1,3-Dichloropropene	ND	116	110	5.3	107	108	0.9	70 - 130	30
Dibromochloromethane	ND	115	107	7.2	108	108	0.0	70 - 130	30
Dibromoethane	ND	113	106	6.4	102	101	1.0	70 - 130	30
Dibromomethane	ND	107	99	7.8	98	95	3.1	70 - 130	30
Dichlorodifluoromethane	ND	81	75	7.7	81	77	5.1	70 - 130	30
Ethylbenzene	ND	106	101	4.8	100	98	2.0	70 - 130	30
Hexachlorobutadiene	ND	113	112	0.9	81	94	14.9	70 - 130	30
Isopropylbenzene	ND	106	104	1.9	102	110	7.5	70 - 130	30

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
m&p-Xylene	ND	109	105	3.7	103	100	3.0	70 - 130	30
Methyl ethyl ketone	ND	98	99	1.0	101	96	5.1	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	115	110	4.4	105	108	2.8	70 - 130	30
Methylene chloride	ND	83	77	7.5	78	75	3.9	70 - 130	30
Naphthalene	ND	121	115	5.1	97	97	0.0	70 - 130	30
n-Butylbenzene	ND	116	113	2.6	96	104	8.0	70 - 130	30
n-Propylbenzene	ND	103	102	1.0	103	108	4.7	70 - 130	30
o-Xylene	ND	112	106	5.5	105	103	1.9	70 - 130	30
p-Isopropyltoluene	ND	115	111	3.5	100	109	8.6	70 - 130	30
sec-Butylbenzene	ND	105	102	2.9	97	105	7.9	70 - 130	30
Styrene	ND	109	106	2.8	103	98	5.0	70 - 130	30
tert-Butylbenzene	ND	105	104	1.0	100	109	8.6	70 - 130	30
Tetrachloroethene	ND	107	105	1.9	103	104	1.0	70 - 130	30
Tetrahydrofuran (THF)	ND	100	75	28.6	99	76	26.3	70 - 130	30
Toluene	ND	108	103	4.7	102	100	2.0	70 - 130	30
trans-1,2-Dichloroethene	ND	105	105	0.0	102	100	2.0	70 - 130	30
trans-1,3-Dichloropropene	ND	119	112	6.1	108	104	3.8	70 - 130	30
trans-1,4-dichloro-2-butene	ND	114	109	4.5	106	111	4.6	70 - 130	30
Trichloroethene	ND	107	102	4.8	92	118	24.8	70 - 130	30
Trichlorofluoromethane	ND	120	111	7.8	97	93	4.2	70 - 130	30
Trichlorotrifluoroethane	ND	105	99	5.9	102	99	3.0	70 - 130	30
Vinyl chloride	ND	100	93	7.3	94	88	6.6	70 - 130	30
% 1,2-dichlorobenzene-d4	100	109	104	4.7	100	104	3.9	70 - 130	30
% Bromofluorobenzene	95	104	99	4.9	99	95	4.1	70 - 130	30
% Dibromofluoromethane	81	102	83	20.5	103	79	26.4	70 - 130	30
% Toluene-d8	96	99	99	0.0	100	100	0.0	70 - 130	30

QA/QC Batch 193616, QC Sample No: BB39468 (BB39466, BB39467, BB39468)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	84	84	0.0	91	90	1.1	30 - 130	30	
1,2,4-Trichlorobenzene	ND	77	78	1.3	85	86	1.2	30 - 130	30	
1,2-Dichlorobenzene	ND	76	76	0.0	83	85	2.4	30 - 130	30	
1,3-Dichlorobenzene	ND	73	73	0.0	79	81	2.5	30 - 130	30	
1,4-Dichlorobenzene	ND	75	75	0.0	81	83	2.4	30 - 130	30	
2,4,5-Trichlorophenol	ND	94	94	0.0	100	99	1.0	30 - 130	30	
2,4,6-Trichlorophenol	ND	100	100	0.0	103	105	1.9	30 - 130	30	
2,4-Dichlorophenol	ND	93	93	0.0	99	99	0.0	30 - 130	30	
2,4-Dimethylphenol	ND	46	46	0.0	48	43	11.0	30 - 130	30	
2,4-Dinitrophenol	ND	19	16	17.1	12	34	95.7	30 - 130	30	I,m,r
2,4-Dinitrotoluene	ND	94	95	1.1	96	103	7.0	30 - 130	30	
2,6-Dinitrotoluene	ND	94	94	0.0	101	104	2.9	30 - 130	30	
2-Chloronaphthalene	ND	86	86	0.0	93	96	3.2	30 - 130	30	
2-Chlorophenol	ND	79	80	1.3	84	86	2.4	30 - 130	30	
2-Methylnaphthalene	ND	88	88	0.0	95	96	1.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	76	75	1.3	79	77	2.6	30 - 130	30	
2-Nitroaniline	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	I,m
2-Nitrophenol	ND	83	83	0.0	90	90	0.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	81	81	0.0	85	83	2.4	30 - 130	30	
3,3'-Dichlorobenzidine	ND	139	143	2.8	137	139	1.4	30 - 130	30	I,m
3-Nitroaniline	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	I,m
4,6-Dinitro-2-methylphenol	ND	66	63	4.7	77	96	22.0	30 - 130	30	
4-Bromophenyl phenyl ether	ND	92	92	0.0	108	103	4.7	30 - 130	30	
4-Chloro-3-methylphenol	ND	95	94	1.1	98	99	1.0	30 - 130	30	

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chloroaniline	ND	67	68	1.5	63	67	6.2	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	92	93	1.1	100	101	1.0	30 - 130	30	
4-Nitroaniline	ND	95	95	0.0	96	104	8.0	30 - 130	30	
4-Nitrophenol	ND	99	99	0.0	83	95	13.5	30 - 130	30	
Acenaphthene	ND	88	88	0.0	97	98	1.0	30 - 130	30	
Acenaphthylene	ND	85	85	0.0	92	94	2.2	30 - 130	30	
Acetophenone	ND	80	79	1.3	85	87	2.3	30 - 130	30	
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC	30 - 130	30	
Anthracene	ND	91	91	0.0	100	102	2.0	30 - 130	30	
Azobenzene	ND	87	86	1.2	90	95	5.4	30 - 130	30	
Benz(a)anthracene	ND	91	91	0.0	103	101	2.0	30 - 130	30	
Benzidine	ND	55	57	3.6	24	18	28.6	30 - 130	30	m
Benzo(a)pyrene	ND	91	89	2.2	103	101	2.0	30 - 130	30	
Benzo(b)fluoranthene	ND	94	94	0.0	110	107	2.8	30 - 130	30	
Benzo(ghi)perylene	ND	92	90	2.2	95	99	4.1	30 - 130	30	
Benzo(k)fluoranthene	ND	97	95	2.1	107	107	0.0	30 - 130	30	
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC	30 - 130	30	
Benzyl butyl phthalate	ND	91	92	1.1	119	103	14.4	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	82	82	0.0	89	89	0.0	30 - 130	30	
Bis(2-chloroethyl)ether	ND	78	77	1.3	83	84	1.2	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	78	79	1.3	85	87	2.3	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	96	96	0.0	123	108	13.0	30 - 130	30	
Carbazole	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	l,m
Chrysene	ND	92	91	1.1	105	105	0.0	30 - 130	30	
Dibenz(a,h)anthracene	ND	99	98	1.0	98	106	7.8	30 - 130	30	
Dibenzofuran	ND	88	88	0.0	93	97	4.2	30 - 130	30	
Diethyl phthalate	ND	93	92	1.1	101	102	1.0	30 - 130	30	
Dimethylphthalate	ND	90	90	0.0	98	99	1.0	30 - 130	30	
Di-n-butylphthalate	ND	93	91	2.2	108	104	3.8	30 - 130	30	
Di-n-octylphthalate	ND	96	96	0.0	123	108	13.0	30 - 130	30	
Fluoranthene	ND	96	95	1.0	106	107	0.9	30 - 130	30	
Fluorene	ND	96	97	1.0	102	106	3.8	30 - 130	30	
Hexachlorobenzene	ND	94	93	1.1	110	105	4.7	30 - 130	30	
Hexachlorobutadiene	ND	82	82	0.0	93	90	3.3	30 - 130	30	
Hexachlorocyclopentadiene	ND	120	122	1.7	112	117	4.4	30 - 130	30	
Hexachloroethane	ND	76	76	0.0	83	84	1.2	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	97	96	1.0	99	104	4.9	30 - 130	30	
Isophorone	ND	66	66	0.0	73	71	2.8	30 - 130	30	
Naphthalene	ND	83	83	0.0	90	92	2.2	30 - 130	30	
Nitrobenzene	ND	82	82	0.0	85	89	4.6	30 - 130	30	
N-Nitrosodimethylamine	ND	77	76	1.3	80	80	0.0	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	87	87	0.0	92	90	2.2	30 - 130	30	
N-Nitrosodiphenylamine	ND	100	100	0.0	103	106	2.9	30 - 130	30	
Pentachloronitrobenzene	ND	97	96	1.0	114	108	5.4	30 - 130	30	
Pentachlorophenol	ND	107	106	0.9	127	132	3.9	30 - 130	30	m
Phenanthrene	ND	96	95	1.0	115	108	6.3	30 - 130	30	
Phenol	ND	88	87	1.1	92	93	1.1	30 - 130	30	
Pyrene	ND	97	96	1.0	105	112	6.5	30 - 130	30	
Pyridine	ND	64	64	0.0	63	53	17.2	30 - 130	30	
% 2,4,6-Tribromophenol	98	112	110	1.8	120	122	1.7	15 - 130	30	m
% 2-Fluorobiphenyl	77	81	81	0.0	88	91	3.4	30 - 130	30	
% 2-Fluorophenol	79	83	83	0.0	88	92	4.4	15 - 130	30	
% Nitrobenzene-d5	81	79	79	0.0	82	87	5.9	30 - 130	30	

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Phenol-d5	76	83	83	0.0	85	89	4.6	15 - 130	30
% Terphenyl-d14	79	80	79	1.3	77	89	14.5	30 - 130	30

QA/QC Batch 193629, QC Sample No: BB39470 (BB39467, BB39468, BB39469, BB39470, BB39471, BB39475)

Pesticides - Soil

4,4' -DDD	ND	74	79	6.5	85	93	9.0	40 - 140	30
4,4' -DDE	ND	76	80	5.1	79	83	4.9	40 - 140	30
4,4' -DDT	ND	72	80	10.5	80	84	4.9	40 - 140	30
a-BHC	ND	76	80	5.1	77	82	6.3	40 - 140	30
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
Aldrin	ND	73	78	6.6	75	79	5.2	40 - 140	30
b-BHC	ND	74	79	6.5	77	82	6.3	40 - 140	30
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
d-BHC	ND	73	77	5.3	76	81	6.4	40 - 140	30
Dieldrin	ND	72	76	5.4	76	80	5.1	40 - 140	30
Endosulfan I	ND	69	73	5.6	73	75	2.7	40 - 140	30
Endosulfan II	ND	65	62	4.7	76	80	5.1	40 - 140	30
Endosulfan sulfate	ND	71	71	0.0	75	79	5.2	40 - 140	30
Endrin	ND	58	62	6.7	72	74	2.7	40 - 140	30
Endrin aldehyde	ND	84	77	8.7	96	102	6.1	40 - 140	30
Endrin ketone	ND	81	83	2.4	82	85	3.6	40 - 140	30
g-BHC	ND	75	79	5.2	82	83	1.2	40 - 140	30
Heptachlor	ND	78	82	5.0	79	82	3.7	40 - 140	30
Heptachlor epoxide	ND	70	74	5.6	71	77	8.1	40 - 140	30
Methoxychlor	ND	77	82	6.3	90	89	1.1	40 - 140	30
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
% DCBP	75	78	80	2.5	75	81	7.7	30 - 150	30
% TCMX	74	81	83	2.4	80	84	4.9	30 - 150	30

QA/QC Batch 193630, QC Sample No: BB39470 (BB39466, BB39467, BB39468, BB39469, BB39470, BB39471, BB39475)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	61	82	29.4	106	108	1.9	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	65	84	25.5	101	107	5.8	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	64	81	23.4	90	85	5.7	30 - 150	30
% TCMX (Surrogate Rec)	85	60	76	23.5	80	73	9.2	30 - 150	30

QA/QC Batch 193896, QC Sample No: BB39472 (BB39472)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	86	89	3.4	88	89	1.1	70 - 130	30
1,1,1-Trichloroethane	ND	79	89	11.9	91	89	2.2	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	112	109	2.7	114	113	0.9	70 - 130	30
1,1,2-Trichloroethane	ND	91	90	1.1	94	92	2.2	70 - 130	30
1,1-Dichloroethane	ND	90	97	7.5	99	97	2.0	70 - 130	30
1,1-Dichloroethene	ND	85	94	10.1	99	99	0.0	70 - 130	30
1,1-Dichloropropene	ND	81	90	10.5	88	91	3.4	70 - 130	30
1,2,3-Trichlorobenzene	ND	102	105	2.9	92	98	6.3	70 - 130	30
1,2,3-Trichloropropane	ND	102	100	2.0	105	105	0.0	70 - 130	30

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,4-Trichlorobenzene	ND	92	97	5.3	89	93	4.4	70 - 130	30	
1,2,4-Trimethylbenzene	ND	90	96	6.5	90	92	2.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	103	92	11.3	90	86	4.5	70 - 130	30	
1,2-Dichlorobenzene	ND	94	97	3.1	99	98	1.0	70 - 130	30	
1,2-Dichloroethane	ND	104	102	1.9	110	108	1.8	70 - 130	30	
1,2-Dichloropropane	ND	103	106	2.9	106	104	1.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	88	94	6.6	88	88	0.0	70 - 130	30	
1,3-Dichlorobenzene	ND	88	93	5.5	91	93	2.2	70 - 130	30	
1,3-Dichloropropane	ND	103	102	1.0	102	102	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	94	95	1.1	95	97	2.1	70 - 130	30	
2,2-Dichloropropane	ND	<40	69	NC	<40	<40	NC	70 - 130	30	I,m
2-Chlorotoluene	ND	88	93	5.5	91	92	1.1	70 - 130	30	
2-Hexanone	ND	103	100	3.0	85	90	5.7	70 - 130	30	
2-Isopropyltoluene	ND	89	95	6.5	92	93	1.1	70 - 130	30	
4-Chlorotoluene	ND	87	92	5.6	94	95	1.1	70 - 130	30	
4-Methyl-2-pentanone	ND	96	98	2.1	94	98	4.2	70 - 130	30	
Acetone	ND	136	132	3.0	139	138	0.7	70 - 130	30	I,m
Acrylonitrile	ND	120	112	6.9	118	118	0.0	70 - 130	30	
Benzene	ND	89	94	5.5	95	94	1.1	70 - 130	30	
Bromobenzene	ND	91	93	2.2	92	93	1.1	70 - 130	30	
Bromochloromethane	ND	92	94	2.2	100	95	5.1	70 - 130	30	
Bromodichloromethane	ND	87	91	4.5	93	92	1.1	70 - 130	30	
Bromoform	ND	92	94	2.2	92	94	2.2	70 - 130	30	
Bromomethane	ND	87	103	16.8	102	103	1.0	70 - 130	30	
Carbon Disulfide	ND	84	98	15.4	98	96	2.1	70 - 130	30	
Carbon tetrachloride	ND	70	83	17.0	76	80	5.1	70 - 130	30	
Chlorobenzene	ND	92	95	3.2	98	98	0.0	70 - 130	30	
Chloroethane	ND	86	97	12.0	103	98	5.0	70 - 130	30	
Chloroform	ND	90	91	1.1	96	94	2.1	70 - 130	30	
Chloromethane	ND	73	88	18.6	96	87	9.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	87	92	5.6	91	92	1.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	69	80	14.8	67	70	4.4	70 - 130	30	I,m
Dibromochloromethane	ND	93	95	2.1	90	93	3.3	70 - 130	30	
Dibromoethane	ND	85	85	0.0	89	89	0.0	70 - 130	30	
Dibromomethane	ND	105	104	1.0	108	108	0.0	70 - 130	30	
Dichlorodifluoromethane	ND	51	75	38.1	90	70	25.0	70 - 130	30	I,r
Ethylbenzene	ND	90	95	5.4	93	94	1.1	70 - 130	30	
Hexachlorobutadiene	ND	74	82	10.3	74	79	6.5	70 - 130	30	
Isopropylbenzene	ND	81	90	10.5	88	88	0.0	70 - 130	30	
m&p-Xylene	ND	93	97	4.2	95	98	3.1	70 - 130	30	
Methyl ethyl ketone	ND	106	96	9.9	113	102	10.2	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	54	77	35.1	46	58	23.1	70 - 130	30	I,m,r
Methylene chloride	ND	76	78	2.6	82	81	1.2	70 - 130	30	
Naphthalene	ND	92	100	8.3	65	92	34.4	70 - 130	30	m,r
n-Butylbenzene	ND	91	106	15.2	89	95	6.5	70 - 130	30	
n-Propylbenzene	ND	80	87	8.4	90	90	0.0	70 - 130	30	
o-Xylene	ND	96	103	7.0	101	102	1.0	70 - 130	30	
p-Isopropyltoluene	ND	90	100	10.5	88	91	3.4	70 - 130	30	
sec-Butylbenzene	ND	87	94	7.7	91	94	3.2	70 - 130	30	
Styrene	ND	103	107	3.8	106	106	0.0	70 - 130	30	
tert-Butylbenzene	ND	81	89	9.4	87	87	0.0	70 - 130	30	
Tetrachloroethene	ND	74	83	11.5	77	80	3.8	70 - 130	30	
Tetrahydrofuran (THF)	ND	110	100	9.5	111	104	6.5	70 - 130	30	

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Toluene	ND	77	82	6.3	83	82	1.2	70 - 130	30	
trans-1,2-Dichloroethene	ND	83	91	9.2	93	92	1.1	70 - 130	30	
trans-1,3-Dichloropropene	ND	69	82	17.2	68	72	5.7	70 - 130	30	l,m m
trans-1,4-dichloro-2-butene	ND	79	105	28.3	68	76	11.1	70 - 130	30	
Trichloroethene	ND	82	89	8.2	89	90	1.1	70 - 130	30	
Trichlorofluoromethane	ND	95	114	18.2	101	98	3.0	70 - 130	30	
Trichlorotrifluoroethane	ND	78	91	15.4	88	88	0.0	70 - 130	30	
Vinyl chloride	ND	72	89	21.1	93	87	6.7	70 - 130	30	
% 1,2-dichlorobenzene-d4	103	99	102	3.0	102	100	2.0	70 - 130	30	
% Bromofluorobenzene	89	108	105	2.8	103	105	1.9	70 - 130	30	
% Dibromofluoromethane	84	87	87	0.0	88	89	1.1	70 - 130	30	
% Toluene-d8	86	85	86	1.2	85	85	0.0	70 - 130	30	

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 193626, QC Sample No: BB39475 (BB39469, BB39470, BB39471, BB39475)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	87	88	1.1	94	99	5.2	30 - 130	30	
1,2,4-Trichlorobenzene	ND	81	81	0.0	88	89	1.1	30 - 130	30	
1,2-Dichlorobenzene	ND	78	78	0.0	86	85	1.2	30 - 130	30	
1,3-Dichlorobenzene	ND	75	75	0.0	82	82	0.0	30 - 130	30	
1,4-Dichlorobenzene	ND	77	77	0.0	84	84	0.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	92	92	0.0	103	104	1.0	30 - 130	30	
2,4,6-Trichlorophenol	ND	95	95	0.0	107	108	0.9	30 - 130	30	
2,4-Dichlorophenol	ND	95	95	0.0	102	103	1.0	30 - 130	30	
2,4-Dimethylphenol	ND	46	46	0.0	39	39	0.0	30 - 130	30	
2,4-Dinitrophenol	ND	<5	<5	NC	28	42	40.0	30 - 130	30	l,m,r
2,4-Dinitrotoluene	ND	95	95	0.0	104	104	0.0	30 - 130	30	
2,6-Dinitrotoluene	ND	95	95	0.0	106	105	0.9	30 - 130	30	
2-Chloronaphthalene	ND	87	87	0.0	98	96	2.1	30 - 130	30	
2-Chlorophenol	ND	81	81	0.0	87	87	0.0	30 - 130	30	
2-Methylnaphthalene	ND	90	90	0.0	98	99	1.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	76	76	0.0	75	75	0.0	30 - 130	30	
2-Nitroaniline	ND	>150	>150	NC	NC	NC	NC	30 - 130	30	l
2-Nitrophenol	ND	80	80	0.0	93	94	1.1	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	82	82	0.0	81	82	1.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	>150	>150	NC	132	148	11.4	30 - 130	30	l,m l
3-Nitroaniline	ND	>150	>150	NC	NC	NC	NC	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	30	31	3.3	89	103	14.6	30 - 130	30	
4-Bromophenyl phenyl ether	ND	98	98	0.0	108	107	0.9	30 - 130	30	
4-Chloro-3-methylphenol	ND	96	96	0.0	100	103	3.0	30 - 130	30	
4-Chloroaniline	ND	69	70	1.4	65	62	4.7	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	96	98	2.1	105	111	5.6	30 - 130	30	
4-Nitroaniline	ND	95	95	0.0	103	105	1.9	30 - 130	30	
4-Nitrophenol	ND	95	96	1.0	91	107	16.2	30 - 130	30	
Acenaphthene	ND	88	88	0.0	100	102	2.0	30 - 130	30	
Acenaphthylene	ND	85	85	0.0	95	94	1.1	30 - 130	30	
Acetophenone	ND	81	81	0.0	88	90	2.2	30 - 130	30	
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC	30 - 130	30	
Anthracene	ND	93	93	0.0	102	101	1.0	30 - 130	30	
Azobenzene	ND	86	86	0.0	96	94	2.1	30 - 130	30	
Benz(a)anthracene	ND	92	92	0.0	103	104	1.0	30 - 130	30	
Benzidine	ND	83	84	1.2	11	13	16.7	30 - 130	30	m

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benzo(a)pyrene	ND	92	92	0.0	102	102	0.0	30 - 130	30	
Benzo(b)fluoranthene	ND	96	94	2.1	106	117	9.9	30 - 130	30	
Benzo(ghi)perylene	ND	94	91	3.2	99	96	3.1	30 - 130	30	
Benzo(k)fluoranthene	ND	98	100	2.0	110	104	5.6	30 - 130	30	
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC	30 - 130	30	
Benzyl butyl phthalate	ND	93	93	0.0	112	101	10.3	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	83	83	0.0	92	90	2.2	30 - 130	30	
Bis(2-chloroethyl)ether	ND	79	79	0.0	87	86	1.2	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	80	79	1.3	89	86	3.4	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	99	100	1.0	118	110	7.0	30 - 130	30	
Carbazole	ND	>150	>150	NC	NC	NC	NC	30 - 130	30	I
Chrysene	ND	93	94	1.1	104	97	7.0	30 - 130	30	
Dibenz(a,h)anthracene	ND	106	105	0.9	106	115	8.1	30 - 130	30	
Dibenzofuran	ND	89	90	1.1	98	99	1.0	30 - 130	30	
Diethyl phthalate	ND	94	93	1.1	104	102	1.9	30 - 130	30	
Dimethylphthalate	ND	92	91	1.1	102	99	3.0	30 - 130	30	
Di-n-butylphthalate	ND	95	93	2.1	108	100	7.7	30 - 130	30	
Di-n-octylphthalate	ND	99	100	1.0	118	110	7.0	30 - 130	30	
Fluoranthene	ND	99	98	1.0	105	107	1.9	30 - 130	30	
Fluorene	ND	98	99	1.0	107	110	2.8	30 - 130	30	
Hexachlorobenzene	ND	96	94	2.1	110	102	7.5	30 - 130	30	
Hexachlorobutadiene	ND	86	87	1.2	95	96	1.0	30 - 130	30	
Hexachlorocyclopentadiene	ND	130	132	1.5	132	NC	NC	30 - 130	30	I,m
Hexachloroethane	ND	78	77	1.3	85	84	1.2	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	102	100	2.0	104	108	3.8	30 - 130	30	
Isophorone	ND	67	67	0.0	74	72	2.7	30 - 130	30	
Naphthalene	ND	85	85	0.0	93	93	0.0	30 - 130	30	
Nitrobenzene	ND	83	83	0.0	90	90	0.0	30 - 130	30	
N-Nitrosodimethylamine	ND	80	84	4.9	82	88	7.1	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	88	88	0.0	94	100	6.2	30 - 130	30	
N-Nitrosodiphenylamine	ND	102	102	0.0	101	103	2.0	30 - 130	30	
Pentachloronitrobenzene	ND	99	97	2.0	113	107	5.5	30 - 130	30	
Pentachlorophenol	ND	78	79	1.3	125	142	12.7	30 - 130	30	m
Phenanthrene	ND	98	98	0.0	108	107	0.9	30 - 130	30	
Phenol	ND	89	90	1.1	93	96	3.2	30 - 130	30	
Pyrene	ND	100	98	2.0	106	109	2.8	30 - 130	30	
Pyridine	ND	65	68	4.5	51	52	1.9	30 - 130	30	
% 2,4,6-Tribromophenol	86	120	116	3.4	123	114	7.6	15 - 130	30	m
% 2-Fluorobiphenyl	76	92	91	1.1	93	92	1.1	30 - 130	30	
% 2-Fluorophenol	77	95	95	0.0	91	93	2.2	15 - 130	30	
% Nitrobenzene-d5	79	88	88	0.0	87	87	0.0	30 - 130	30	
% Phenol-d5	75	92	92	0.0	89	91	2.2	15 - 130	30	
% Terphenyl-d14	79	95	92	3.2	85	93	9.0	30 - 130	30	

QA/QC Batch 193863, QC Sample No: BB39860 (BB39466 (1000X))

Volatiles - Soil

Trichloroethene	ND	135	112	18.6	107	106	0.9	70 - 130	30	I
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I = This parameter is outside laboratory lcs/lcsd specified recovery limits.

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

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

QA/QC Data

SDG I.D.: GBB39466

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

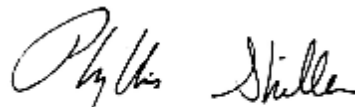
LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria



Phyllis Shiller, Laboratory Director

February 09, 2012

