PHASE II SUBSURFACE INVESTIGATION REPORT
NYCOER ENVIRONMENTAL REVIEW PROGRAM
CEQR No. 08DCP056K
DECEMBER 28, 2011

462 Kent Avenue
Brooklyn, New York 11211

EBC Project No: WFR1101

Block 2134, Lot 1

Prepared for: **Water Front Realty**
470 Kent Avenue
Brooklyn, NY 11211

Submitted to:

NYC Mayor's Office of Environmental Remediation
253 Broadway, 14th Floor
New York, NY 10007

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road. Ridge, NY 11961 Ph: 631.504.6000 Fax: 631.924.2870

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1.0 INTRODUCTION

Environmental Business Consultants (EBC) has prepared the following Subsurface Investigation Report for the subject property located at 462 Kent Avenue, in Brooklyn, New York 11211. The work was performed at the request of the New York City Office of Environmental Remediation (NYCOER) as part of the environmental review process required for properties which have been assigned an E-designation or Restrictive Declaration during rezoning.

A Restrictive Declaration was assigned to the subject site by the City Planning Commission following review of an application requesting a zoning map amendment to change an M3-1 zoning district to R7-3 and R7-3/C2-4 districts. The Restrictive Declaration (CEQR No. 08DCP056K) requires identification and remediation of any hazardous materials found in connection with the development of the project site. The Restrictive Declaration also states that the applicant would not undertake grading, excavation, foundation, alteration, building or other permits for the site subject to a detailed environmental review and release by the NYCOER.

Results from this investigation will help determine what actions may be required, if any, to prevent exposure to contaminants from the change in use planned for the upper floors of the existing building.

1.1 Site Location and Description

The address of the subject site is 462 Kent Avenue, Brooklyn, New York 11211, but the site spans from 462 Kent Avenue to 490 Kent Avenue and 11 Division to 19 Division Avenue. The subject site is a corner lot, located on the northwest corner of the intersection of Kent Avenue and Division Avenue. The subject site is identified as Block 2134, Lot 1 on the Borough of Brooklyn Tax Map and is located in the City of New York and Borough of Brooklyn (Kings County) as shown in **Figure 1**. The irregular shaped lot consists of approximately 551.35 feet of frontage on Kent Avenue and 148.5 feet of frontage on Division Avenue for a total of 94,500 square feet (2.17 acres). The site is developed with a three-story brick building with a full basement. At the time of the inspection, the first floor of the subject site building was utilized by Certified Lumber and Home Center. A small sales store/office was located on the first floor, which could be accessed from Kent Avenue. Although the basement was empty, several pallets of building material were moved in or out during the site inspection. Most building materials were stored in the adjacent building to the west. The upper floors (2nd and 3rd) were vacant.

The elevation of the property is approximately 15 feet above the National Geodetic Vertical Datum (NGVD). The topography in the immediate area of the property generally slopes up towards the east. The depth to groundwater beneath the site, as determined from field measurements, is approximately 6 feet below grade. Based on regional groundwater contour maps, groundwater flow is expected to be west toward the East River.

1.2 Redevelopment Plan

Redevelopment plans for the property consists of the renovation of the second and third floors into studio apartments. The first floor use will remain as commercial space. The property requires rezoning to mixed commercial and residential use.

2.0 SITE BACKGROUND

2.1 PREVIOUS REPORTS

2.1.1 Phase I Environmental Site Assessment (Middleton Environmental, Inc., December 2002)

A Phase I Environmental Site Assessment (ESA) was completed by Middleton Environmental, Inc, in December of 2002 for the site. The Phase I report indicated that the properties have historically used as a sugar refinery, warehouse, bottling facility, and lumber yard

Middleton Environmental, Inc. noted a sealed fill port on the south side of the building, but they could not determine if the port led to an underground storage tank. After review of available Sanborn Fire Insurance maps, New York City Fire Department (NYCFD) storage tank files, and New York State Department of Environmental Conservation (NYSDEC) storage tank databases Middleton Environmental found no indication of any registered storage tanks on the site (underground or above ground). Middleton Environmental recommended a geophysical survey be performed at the site to determine if a potential fill port observed during the site investigation was associated with an underground storage tank.

2.2.2 Phase I & Phase II Environmental Site Assessment (AKRF, Inc., January 2004 and October 2005)

In January of 2004, AKRF, Inc. (AKRF) conducted a Phase I subsurface investigation at the site . The Phase I report encompassed Block 2134, Lots 1 and 150. AKRF noted the historical use of the property as a manufactured gas plant (Brooklyn Union Gas, peoples Works) occupied the subject site from 1880 through at least 1887. The other noted uses of the site include a stave yard, a molasses storage yard, a sugar refinery, a storage warehouse, and the F.M. Schaefer Brewing Company. AKRF recommended a Phase II environmental site assessment be performed prior to redevelopment of the site to determine the presence and extent of any on-site contamination.

The Phase II Environmental Site Assessment was completed by October of 2005. The work consisted of the installation of twelve soil borings for the collection and analysis of twenty five soil samples. Five of the soil borings were completed as groundwater monitoring wells and sampled.

Two soil samples were collected from each soil boring and analyzed for VOCs (8260), PAHs (8270), RCRA metals, and PCBs/Pesticides. The first soil sample from each boring was collected from approximately 0-2 feet below grade, and the second soil sample was collected from the soil groundwater interface (varied from 8 to 10 feet below grade). VOCs were detected in three of the soil borings (SB-5 (6-8), SB-11 (8-9), and SB-12 (8-9)) above their TAGM guidelines. The VOCs were benzene, toluene, ethyl benzene, and xylene (BTEX), which are typically associated with petroleum contamination. Nineteen of the soil samples were detected with concentrations of SVOCs above their TAGM guidelines. Most were attributed to the fill at the subject site (coal ash or coal slag), but SB-11 (8-9) had higher levels and a slight sheen in the sample was noted. The concentration of metals in the soil ranged and most were below TAGM RSCOs or background levels. One pesticide (heptachlor epoxide) was detected at a concentration above its TAGM guideline.

Ground water samples were collected from each monitoring well and tested for VOCs (8260), SVOCs (8270), PCBs, pesticides, and TAL metals (filtered and unfiltered). ARKF results showed that VOCs in four of the five groundwater samples were above their respective Class GA standards. BTEX and Naphthalene were detected above their Class GA standards in MW-11 and MW-12, which would indicate gasoline and/or contamination from a manufactured gas plant. ARKF field personnel also noted a petroleum odor while performing the SB/MW-12.Groundwater analytical results for ARKF showed MW-1, MW-11, and MW-12 had SVOCs above their respective Class GA standards. The results from MW-1 were attributed to fill material, while both MW-11 and MW-12 were attributed to petroleum contamination. The results of the metals analysis showed similar results to the soil with a range of concentrations attributed to the fill of the subject site. Heptachlor epoxide was detected in two of the monitoring wells (MW-1 and MW-11) above its Class GA standard.

2.2.3 Phase I Environmental Site Assessment (Environmental Business Consultants, September 2011)

A Phase I Environmental Site Assessment (ESA) was completed by Environmental Business Consultants (EBC), in September of 2011 for the site. The Phase I report indicated that the property was utilized as the People's Gas Light Co. for storage in the late 1800's, but by 1904 the MGP operations ceased, and the subject site lot was vacant. Since then the subject property was used as a molasses storage yard, sugar refinery, warehouse, bottling facility, sportswear apparel distributors, outlets, and now a lumber yard.

During the site inspection in 2011 EBC noted a 500-gallon diesel aboveground storage tank (AST) within the truck loading area between the subject site and the adjacent two-story building located on Lot 150. Heavily oil stained concrete was observed around the tank and the reach of the tank's dispenser hose. Approximately six 55-gallon drums of petroleum products were stored on the west side of the building. The petroleum based products (hydraulic oil, waste oil, lube oil, motor oil, etc.) were used for repair and maintenance of the fork lifts. EBC also noted a sump pit with a sump pump at the base of the ramp into the subject site building's basement. A layer of black material was observed on the surface of the water contained within the sump pit.

EBC recommended the following:

- *Conduct a geophysical survey (ground penetrating radar survey) covering the entire south parking lot area to investigate the possible presence of an underground storage tank 1) connected to the sealed fill port noted within the Phase I Environmental Site Assessment Report prepared by Middleton Environmental, Inc. in 2002, and/or 2) associated with the possible former use of the subject site as a gasoline oil selling station.*

- *Complete and submit a Freedom of Information Act document request to the New York State Department of Environmental Conservation in December 2011 to obtain a copy of the Site Characterization Report (SCR) due to be completed in November 2011. The SCR will contain the findings of the subsurface investigation performed on behalf of KeySpan to identify onsite soil and groundwater contamination that may have resulted from the historic use of the subject site by the People's Manufactured Gas Plant. Perform soil borings through the oil stained areas of the concrete slab around the 55-gallon drum storage area and 500 gallon diesel*

aboveground storage tank to determine if subsurface soil and/or groundwater contamination has occurred due to poor housekeeping and maintenance. Clean concrete surfaces and implement spill containment and management plan.

- *Perform soil borings through the oil stained areas of the concrete slab around the 55-gallon drum storage area and 500 gallon diesel aboveground storage tank to determine if subsurface soil and/or groundwater contamination has occurred due to poor housekeeping and maintenance. Clean concrete surfaces and implement spill containment and management plan.*

- *Determine if the suspected petroleum material within the sump pit is petroleum (laboratory analysis); Determine the source of the petroleum; Determine if the sump pit contains a solid bottom or exposed soil; Determine the discharge location of sump pump installed within the pit; Ensure petroleum will not impact sump pit again; Remove and properly dispose of petroleum contained within the sump pit if present.*

2.2.4 Phase II Subsurface Investigation Work Plan (Environmental Business Consultants, November of 2011)

A Phase II Subsurface Investigation Work Plan was completed by Environmental Business Consultants (EBC), in November of 2011 for the site. EBC recommended a total of up to 8 soil, 4 groundwater, 4 sub-slab soil gas, and 2 indoor air samples to be submitted to a New York State Department of Health ELAP-certified laboratory for analysis. The work plan was approved by OER in December 2011.

3.0 SUBSURFACE INVESTIGATION

3.1 Soil Sampling

A total of four soil boring locations (B1 through B4) were selected to supplement the soil borings performed by ARKF in October of 2005. Each of the four soil boring locations was chosen to gain representative soil and groundwater quality information across the site (**Figure 2**).

For each of the four soil borings, soil samples were collected continuously from grade to a final depth of 12 feet below existing grade using a four-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. Soils recovered from the borings were field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination.

One soil sample was retained from each of these borings from the interval 0 to 2 foot below grade. A second soil sample was retained from the 2 foot interval immediately above the groundwater table. Boring logs are provided in **Appendix A**.

All samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to Phoenix Environmental Laboratories, Inc. of 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All 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.

3.1.1 Soil Results

In general, subsurface soils at the property consisted of a sandy to sandy clay urban fill layer which extended to at least the termination depth of 12 feet. Soil sample results are summarized and compared to the NYSDEC Part 375.6 Track 1 Unrestricted Use Soil Cleanup Objectives (UUSCO in **Tables 1** through **4**, and a copy of the laboratory analytical report is included in **Appendix B**.

VOCs
No VOCs were detected at a concentration above their corresponding NYSDEC Part 375.6 UUSCO within any of the soil samples submitted for laboratory analysis.

SVOCs
The following SVOCs were detected at a concentration above their corresponding NYSDEC Part 375.6 UUSCO within one or more of the soil samples submitted for laboratory analysis: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenzo(a,h)anthracene, and Indeno(1,2,3-cd)pyrene. The concentration and types of SVOCs detected are typical for urban fill, which is present throughout Brooklyn.

Metals
The following metals were detected at a concentration above their corresponding NYSDEC Part 375.6 UUSCO within one or more of the soil samples submitted for laboratory analysis: copper, lead, mercury, selenium, and zinc.

Three of the eight soil samples had concentrations that exceeded lead UUSCO of 63 ppm. The exceedances were found in B3(0-2') (138 ppm), B3(4-6') (103 ppm), and B4(0-2') (124 ppm). Copper and selenium were found in the B3(6-8') soil sample (50.9 ppm and 4.5 ppm), which were only slightly above their corresponding UUSCOs of 50 ppm and 3.9 ppm, respectively. Mercury was detected in soil samples B1(0-2') (0.21 ppm) and B3(4-6') (0.31 ppm), which is above its corresponding UUSCO of 0.18 ppm. Zinc was detected in the B4(0-2') soil sample at a concentration of 225 ppm, which is above its corresponding UUSCO of 109 ppm.

Pesticides / PCBs
No pesticides or PCBs were detected within any of the soil samples submitted for analysis.

3.2 Groundwater Sampling

A groundwater sample was collected from each soil borings location B1, B2, B3, and B4 (**Figure 2**).

Each of the groundwater samples were collected by installing a temporary well, set to intersect the water table (approximately 6 ft below grade). Groundwater samples were collected through dedicated polyethylene tubing, using a low-flow peristaltic pump.

3.2.1 Groundwater Sample Results

Groundwater sample results were compared to the water quality standards specified in NYSDEC Groundwater Quality Standards (GQSs). Analytical data for the groundwater samples are summarized in **Tables 5** through **8**, and a copy of the laboratory analytical report is included in **Appendix B.**

VOCs
Three of the four groundwater samples showed VOCs at concentrations exceeding their corresponding NYSDEC GQS. Groundwater samples B1 and B4 showed an exceedance in tetrachloroethylene with concentrations of 24 ppb and 14 ppb, respectively (NYSDEC GQS of 5ppb). Trichloroethylene was also detected in both B1 and B4, but only B4 (15 ppb) had a concentration that exceeded its GQS of 5 ppb. In groundwater sample B2 Isopropylbenzene (71 ppb), 1,2,4-Trimethylbenzene (1,200 ppb), 1,3,5-Trimethylebenzene (350 ppb), BTEX, n-butylbenzene (29 ppb), and n-propylbenzene (280 ppb) were detected at concentrations greater than their corresponding GQS.

SVOCs
No SVOCs were detected at concentrations above their corresponding NYSDEC GQS for any of the four groundwater samples submitted for analysis.

Pesticides / PCBs
No Pesticides or PCBs were detected at a concentration above their corresponding NYSDEC GQS within the four groundwater samples submitted for analysis.

Metals
All of the groundwater samples submitted for analysis contained iron, manganese, sodium, and lead at a concentration exceeding their respective NYSDEC GQS.

- Iron (NYSDEC GQS 500 ppb): B1-(89,700 ppb), B2-(134,000 ppb), B3-(28,000 ppb), and B4-(68,000 ppb).
- Manganese (NYSDEC GQS 300 ppb): B1-(2,120 ppb), B2-(2,310 ppb), B3-(1,650 ppb), and (B4-3,270 ppb).
- Lead (NYSDEC GQS 25 ppb): B1-(463 ppb), B2-(173 ppb), B3-(31 ppb), and B4-(114 ppb).

Groundwater samples B1 and B2 also detected selenium (20 ppb and 27 ppb, respectively) at a concentration exceeding the NYSDEC GQS of 10 ppb. Chromium was detected at a concentration above its corresponding NYSDEC GQS (50 ppb) in groundwater samples B1 (126 ppb), B2 (107 ppb), and B4 (74 ppb). In groundwater sample B2 cadmium was detected at a concentration (6 ppb) slightly above its respective NYSDEC GQS (5 ppb).

3.3 Soil Gas Sampling

To evaluate VOCs in soil gas beneath the two small lots, sub-slab soil gas samples were collected from four vapor implants (SS1, SS2, SS3, and SS4) shown in **Figure 2**. The vapor sampling locations were selected to be representative of conditions across the subject property.

The sub-slab points was installed by drilling a ½ inch hole through the building slab with a handheld drill, and then inserting a ¼ inch polyethylene to 6 inches below the base of the slab. The tubing was sealed at the surface with hydrated granular bentonite and a 12" x 12" (approx.) plastic sheet.

3.3.1 Sample Collection

Soil gas sampling was conducted on December 7th, 2011. 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 ft by 1 ft square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) which was included in the laboratory analysis.

Following enrichment of the air space around the sampling location with the helium tracer, 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 8-hour flow regulator, was attached to the surface tube of each of the four vapor implants. Sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (**Appendix B**). Samples were submitted to Phoenix Environmental Laboratories Inc, and analyzed by USEPA Method TO-15 for VOCs and Helium.

3.3.2 Soil Gas Results

The results of the soil gas sampling as shown in **Table 9** were fairly uniform in parameters detected and concentration across the site. Concentrations were generally low and generally consistent with background levels. Methylene chloride was reported in sub-slab soil gas samples at concentrations of 14.5 to 102 ug/m^3.

3.4 Indoor Air Sampling

To evaluate VOCs inside the building, two indoor ambient air samples (Indoor 1 and Indoor 2) and one outdoor ambient air sample (Outdoor) were collected on December 7th, 2011. The sample collection location of each sampling points is shown on **Figure 2**.

3.4.1 Pre-Sample Investigation

A pre-sampling inspection was performed within the building's basement in accordance with NYSDOH Indoor Air Sampling and Analysis Guidance (NYSDOH, February 1, 2005). A copy of the completed Indoor Air Quality Questionnaire and Building Inventory form is attached in **Appendix C**. Potential sources of chemicals of concern observed within the building were recorded on the product inventory form.

At the time of the sampling, a portion of the basement finished with plywood walls was used as a storage area for materials, equipment and chemicals by a cabinet maker. Approximately 200 containers of different sizes and products were stored on five pallets within the cabinet makers storage area. Chemical products stored in the area included numerous 1 gallon cans of paint, primer, polyurethane, wood stripper, wood stain, paint remover, varnish remover, and paint thinner and several 5 gallon containers of wood waterproofing, paint & varnish remover, masonry paint & graffiti remover and shellac. Relatively low PID readings were recorded from 5 gallon pails of paint & varnish remover, and a strong odor was observed.

3.4.2 Sample Collection

A 6-liter Summa® canister, fitted with an 8-hour flow regulator was placed at each of the locations shown on **Figure 2**. An inverted bucket or stool was used to raise the canister off of the floor and into the breathing zone. 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 8 hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

Samples were submitted to Phoenix Environmental Laboratories Inc, and analyzed by USEPA Method TO-15 for VOCs.

3.4.3 Indoor Air Results

The results of the indoor and outdoor ambient air sampling as shown in **Table 9** were fairly uniform in parameters detected and concentration across the site. Concentrations were generally low and generally consistent with background levels. Methylene chloride, which was also reported in sub-slab soil gas samples, was reported in both *Indoor 1* (114 µg/m^3) and *Indoor 2* (141 µg/m^3) at concentrations above the NYSDOH air guidance value of 60 µg/m^3 as presented in Table 3.1 of *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYSDOH, October 2006). Methylene chloride was only detected at a concentration of 1.5 µg/m^3 within the ambient air sample collected from outside the building.

Methylene chloride was listed as the main chemical ingredient for two 5 gallon pails of Rock Miracle Paint & Varnish Remover stored within the cabinet makers storage area. As previously noted, a strong odor and low PID readings were noted from these large pails. The relatively low concentrations of methylene chloride detected within the two indoor air samples is likely associated with the storage of this chemical in the basement.

4.0 CONCLUSIONS

Subsurface soils at the site consist of urban fill (brick, wood, and stone in a sand and sandy clay matrix) to at least the completion depth of approximately 12 feet. As noted in the analytical results of soil samples collected at the site, slightly elevated concentrations of several SVOCs, metals and pesticides were reported within soil samples collected from the urban fill layer. Under the E-designation program, the presence and concentration of these compounds will require specific management, handling and proper off-site disposal of material excavated under a future redevelopment scenario. There are no plans to excavate or disturb any soil under the proposed renovation of floors 2 and 3.

Groundwater occurs at a depth of approximately 6 feet below grade. As noted in the analytical results of groundwater samples collected at the site, several VOCs including PCE, TCE, BTEX, and other petroleum based compounds were at levels that exceeded their corresponding NYSDEC Groundwater Quality Standards. The two wells B1 and B3 showed chlorinated solvents (PCE and TCE) with no evidence of petroleum contamination. Well B2 showed BTEX and other petroleum based compounds, but with no concentration of any chlorinated solvents.

Although an elevated concentration of trichloroethylene was detected within two of the groundwater samples, trichloroethylene did not exceed NYSDOH guidance levels within any of the sub-slab samples collected from the site. The concentrations of petroleum VOCs reported in the soil gas samples were consistent with background levels and do not represent a potential vapor intrusion concern.

As discussed in the Phase I ESA prepared by EBC, the property is identified as the Former Peoples Manufactured Gas Plant. The Site is currently being investigated by National Grid under a Consent Order (#A2-0552-0606) with the NYSDEC. The consent order requires National Grid to investigate and where necessary, remediate former gas manufacturing and storage sites including the Peoples MGP site. According to the DEC Fact Sheet on the site, the principal contaminant targeted under the investigation is coal tar which “contains a variety of environmental contaminants including polycyclic aromatic hydrocarbons (PAHs) and benzene, toluene, ethylbenzene, and xylene (BTEX).”

The findings of this investigation as well as those of previous investigations (AKRF 2005) confirm the presence of BTEX in groundwater which may be related to the former MGP. The NYSDEC project manager for the Site (Elizabeth Lukowski) was contacted and notified of these findings. Ms. Lukowski indicated that the National Grid investigation had similar findings and that they would be managed under the MGP project.

Methylene chloride was detected within both of the indoor ambient air samples above the NYSDOH air guidance value of 60 µg/m^3. A concentration of 114 µg/m^3 was detected within Indoor 1 and a concentration of 141 µg/m^3 was detected within Indoor 2. Lower concentrations were reported in the four sub-slab soil gas samples (14.5 to 102 µg/m^3), indicating some exchange of air between the indoor and sub-slab condition. However the source is clearly from products used and stored within the basement and not from an unknown source beneath the slab.

Although the NYSDOH includes a guidance level for methylene chloride in indoor air, it is not included in the matrices used to evaluate potential actions from subslab vapor intrusion. Clearly in this case the use of a matrix would not apply since the source is located within the indoor condition itself.

The elevated indoor air concentration of methylene chloride is likely associated with the bulk storage of *Rock Miracle* Paint & Varnish Remover within the cabinet makers storage area. EBC noted a strong odor from the 5 gallon metal pails of paint & varnish remover and recorded several low PID readings (0.9 to 5.0 ppmv) from around the lids of the pails during the pre-sampling investigation.

EBC's recommendation is to remove all of these materials when the basement area is converted to a parking garage, thereby eliminating the source of elevated concentrations.

TABLES

TABLE 1
462 Kent Avenue, 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(0-2') µg/Kg	B1(4-6') µg/Kg	B2(0-2') µg/Kg	B2(6-8') µg/Kg	B3(0-2') µg/Kg	B3(4-6') µg/Kg	B4(0-2') µg/Kg	B4(4-6') µg/Kg
1,1,1,2-Tetrachlorothane			ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	100,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane			ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane			ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	270	26,000	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	330		ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane			ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene			ND	ND	ND	ND	**5.6**	ND	ND	ND
1,2-Dibromo-3-chloropropane			ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	20	3,100	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene			ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene			ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone (Methyl Butyl Ketone)			ND	ND	ND	ND	ND	ND	ND	ND
2-Isopropyltoluene			ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene			ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone		100,000	ND	ND	ND	ND	ND	ND	ND	ND
Acetone			ND	ND	ND	ND	ND	ND	**97**	ND
Acrylonitrile			ND	ND	ND	ND	ND	ND	ND	ND
Benzene	60	4,800	ND	**7.1**	ND	ND	ND	ND	ND	ND
Bromobenzene			ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane			ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane			ND	ND	ND	ND	ND	ND	ND	ND
Bromoform			ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane			ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide			ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	760	2,400	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100		ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane			ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	370	49,000	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene		100,000	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		49,000	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND	ND	ND	ND	ND
Dibromoethane			ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane			ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane			ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	41,000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene			ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylenes	260		ND	ND	ND	ND	**6.5**	ND	ND	ND
Methyl Ethyl Ketone (2-Butanone)		100,000	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-butyl ether (MTBE)			ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	50	100,000	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene			ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene			ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene			ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	260		ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene			ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene			ND	ND	ND	ND	ND	ND	ND	ND
Styrene			ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene			ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene		19,000	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran (THF)			ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	100,000	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes			ND	ND	ND	ND	**6.5**	ND	ND	ND
trans-1,2-Dichloroethene		100,000	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND
trabs-1,4-dichloro-2-butene			ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	470	21,000	ND	ND	ND	ND	ND	ND	**7.9**	ND
Trichlorofluoromethane			ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane			ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	20	900	ND	ND	ND	ND	ND	ND	ND	ND
Total BTEX Concentration			**0.0**	**7.1**	**0.0**	**0.0**	**6.5**	**0.0**	**0.0**	**0.0**
Total VOCs Concentration			**0.0**	**7.1**	**0.0**	**0.0**	**18.6**	**0.0**	**104.9**	**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
462 Kent Avenue, 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(0-2') µg/Kg	B1(4-6') µg/Kg	B2(0-2') µg/Kg	B2(6-8') µg/Kg	B3(0-2') µg/Kg	B3(4-6') µg/Kg	B4(0-2') µg/Kg	B4(4-6') µg/Kg
1,2-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene			ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene			ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene			ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene			ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine			ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether			ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline			ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether			ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	100,000	100,000	ND	**310**	ND	ND	ND	ND	ND	ND
Anthracene		100,000	ND	**1,900**	ND	ND	ND	**550**	ND	**270**
Azobenzene			ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1,000	1,000	**300**	**3,900**	**390**	**540**	ND	**1,500**	ND	**600**
Benzidine			ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	1,000	1,000	**300**	**3,700**	**440**	**490**	ND	**1,300**	ND	**520**
Benzo(b)fluoranthene	1,000	1,000	**460**	**4,400**	**550**	**660**	ND	**1,600**	ND	**670**
Benzo(g,h,i)perylene	100,000	100,000	ND	**1,600**	ND	ND	ND	**750**	ND	**350**
Benzo(k)fluoranthene	800	3,900	ND	**1,600**	ND	**280**	ND	**630**	ND	**270**
Benzoic Acid			ND	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol			ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate			ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane			ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether			ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether			ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate			ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	1,000	3,900	**270**	**3,500**	**390**	**510**	ND	**1,400**	ND	**590**
Dibenzo(a,h)anthracene	330	330	ND	410	ND	ND	ND	ND	ND	ND
Dibenzofuran			ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate			ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate			ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate			ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate			ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	100,000	**530**	**10,000**	**720**	**1,200**	ND	**3,400**	ND	**1,600**
Fluorene	30,000	100,000	ND	**290**	ND	ND	ND	ND	ND	ND
Hexachlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene			ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane			ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	500	500	ND	**1,500**	ND	ND	ND	**670**	ND	**290**
Isophorone			ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	100,000	ND	**1,500**	ND	ND	ND	ND	ND	ND
Nitrobenzene			ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine			ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine			ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine			ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100,000	100,000	ND	**4,400**	**320**	**740**	ND	**2,500**	ND	**1,400**
Pyrene	100,000	100,000	**530**	**9,300**	**590**	**990**	ND	**2,700**	ND	**1,300**

Notes:

* - NYSDEC Technical and Administative 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 3
462 Kent Avenue, 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(0-2') µg/Kg	B1(4-6') µg/Kg	B2(0-2') µg/Kg	B2(6-8') µg/Kg	B3(0-2') µg/Kg	B3(4-6') µg/Kg	B4(0-2') µg/Kg	B4(4-6') µg/Kg
PCB-1016	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1262	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1268	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDD	3.3	13,000	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDE	3.3	8,900	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDT	3.3	7,900	ND	ND	ND	ND	ND	ND	ND	ND
a-BHC	20	480	ND	ND	ND	ND	ND	ND	ND	ND
Alachlor			ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	5	97	ND	ND	ND	ND	ND	ND	ND	ND
b-BHC	36	360	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	94	4,200	ND	ND	ND	ND	ND	ND	ND	ND
d-BHC	40	100,000	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	5	200	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	14	11,000	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde			ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone			ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC			ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	42	2,100	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide			ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor			ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene			ND	ND	ND	ND	ND	ND	ND	ND

Notes:

* - NYSDEC Technical and Administative 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 RSCO Guidance Value

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

TABLE 4
462 Kent Avenue, 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(0-2') mg/Kg	B2(0-5') mg/Kg	B2(0-2') mg/Kg	B2(6-8') mg/Kg	B3(0-2') mg/Kg	B3(4-6') mg/Kg	B4(0-2') mg/Kg	B4(4-6') mg/Kg
Silver	2	180	<0.39	<0.36	<0.36	<0.4	<0.37	<0.39	<0.36	<0.37
Aluminum			17,200	9,400	9,080	12,500	9,090	9,010	6,850	3,830
Arsenic	13	16	1.26	2.5	2.12	0.82	1.04	2.93	3.57	<0.74
Barium	350	400	49.5	51.5	53.4	68.1	80.1	104	106	19.4
Beryllium	7.2	72	0.48	0.4	0.44	0.49	0.52	0.54	0.38	<0.29
Calcium			1,250	5,870	4,410	3,810	3,710	23,500	8,790	841
Cadmium	2.5 c	4.3	1.45	1.06	1.24	1.69	1.17	0.88	1.49	0.46
Cobalt			7.21	6.92	7.17	10.2	8.37	7.64	6.21	4.73
Chromium	30 c		24.9	18	19.4	24.7	21.8	26.3	12.6	10.2
Copper	50	270	19.7	30.1	24.1	50.9	30.6	25.2	28.5	10.1
Iron			35,500	21,500	25,800	37,600	24,300	19,000	16,800	6,350
Mercury	0.18 c	0.81	0.21	<0.09	<0.09	<0.07	0.12	0.31	0.17	<0.1
Potassium			1,140	1,090	926	1,100	1,110	1,200	1,160	624
Magnesium			1,450	2,880	2340	2,730	2,390	3,020	2,900	1,420
Manganese	1600 c	2,000	414	425	523	626	533	352	300	223
Sodium			75.5	215	113	137	194	369	115	154
Nickel	30	310	12.5	14	14.6	17.2	17.2	16.6	14.1	9.68
Lead	63 c	400	24.3	175	59.3	29.9	138	103	124	8.4
Antimony			<3.9	<3.6	<3.6	<4	<3.7	<3.9	<3.6	<3.7
Selenium	3.9c	180	3.7	2.6	3.9	4.5	2.7	2.7	1.8	<1.5
Thallium			<3.5	<3.3	<3.3	<3.6	<3.3	<3.5	<3.2	<3.3
Vanadium			36	29.9	27.8	37.6	34.3	30.9	22.8	14.6
Zinc	109 c	10,000	39.6	65.2	84.7	76.6	47.2	35.8	225	20.8

Notes:

* - NYSDEC Technical and Administative 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 RSCO Guidance Value

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

TABLE 5
462 Kent Avenue, Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	B1 µg/L	B2 µg/L	B3 µg/L	B4 µg/L
1,1,1,2-Tetrachlorothane	5	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	ND
1,1-Dichloropropene		ND	ND	ND	ND
1,2,3-Trichlorobenzene		ND	ND	ND	ND
1,2,3-Trichloropropane		ND	ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	**1,200**	ND	ND
1,2-Dibromo-3-chloropropane		ND	ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND
1,2-Dichloropropane	0.94	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	**350**	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND
1,3-Dichloropropane		ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND
2,2-Dichloropropane		ND	ND	ND	ND
2-Chlorotoluene		ND	ND	ND	ND
2-Hexanone (Methyl Butyl Ketone)		ND	ND	ND	ND
2-Isopropyltoluene		ND	ND	ND	ND
4-Chlorotoluene		ND	ND	ND	ND
4-Methyl-2-Pentanone		ND	ND	ND	ND
Acetone		ND	ND	ND	ND
Acrylonitrile		ND	ND	ND	ND
Benzene	1	ND	**2,700**	ND	ND
Bromobenzene		ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND
Bromoform		ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND
Carbon Disulfide		ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND
Chlorobenzene		ND	ND	ND	ND
Chloroethane		ND	ND	ND	ND
Chloroform	7	**1**	ND	ND	**1.5**
Chloromethane		ND	ND	ND	ND
cis-1,2-Dichloroethene	5	**1.9**	ND	ND	**1**
cis-1,3-Dichloropropene		ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	ND
Dibromoethane		ND	ND	ND	ND
Dibromomethane		ND	ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND	ND
Ethylbenzene	5	ND	**1,200**	ND	ND
Hexachlorobutadiene		ND	ND	ND	ND
Isopropylbenzene	5	ND	**71**	ND	ND
m&p-Xylenes	5	ND	**3,900**	ND	ND
Methyl Ethyl Ketone (2-Butanone)		ND	ND	ND	ND
Methyl t-butyl ether (MTBE)		ND	ND	ND	ND
Methylene chloride		ND	ND	**6.8**	ND
Naphthalene		ND	**540**	ND	ND
n-Butylbenzene	5	ND	**29**	ND	ND
n-Propylbenzene	5	ND	**280**	ND	ND
o-Xylene	5	ND	**100**	ND	ND
p-Isopropyltoluene		ND	ND	ND	ND
sec-Butylbenzene		ND	ND	ND	ND
Styrene		ND	ND	ND	ND
tert-Butylbenzene		ND	ND	ND	ND
Tetrachloroethene	5	**24**	ND	ND	**14**
Tetrahydrofuran (THF)		ND	ND	ND	ND
Toluene	5	ND	**190**	ND	ND
Total Xylenes	10	ND	**4,000**	ND	ND
trans-1,2-Dichloroethene		ND	ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND	ND
trans-1,4-dichloro-2-butene		ND	ND	ND	ND
Trichloroethene	5	**4.4**	ND	ND	**15**
Trichlorofluoromethane		ND	ND	ND	ND
Trichlorotrifluoroethane		ND	ND	ND	ND
Vinyl Chloride		ND	ND	ND	ND

Notes:
ND - Not detected

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 6
462 Kent Avenue, Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	B1 µg/L	B2 µg/L	B3 µg/L	B4 µg/L
1,2-Dichlorobenzene	3	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND
2,4-Dinitrotoluene	5	ND	ND	ND	ND
2,6-Dinitrotoluene	5	ND	ND	ND	ND
2-Chloronaphthalene	0.11	ND	ND	ND	ND
2-Methylnaphthalene		ND	**620**	ND	ND
2-Nitroaniline	0.94	ND	ND	ND	ND
3,3'-Dichlorobenzidine	5	ND	ND	ND	ND
3-Nitroaniline	5	ND	ND	ND	ND
4-Bromophenyl phenyl ether		ND	ND	ND	ND
4-Chloroaniline		ND	ND	ND	ND
4-Chlorophenyl phenyl ether		ND	ND	ND	ND
4-Nitroaniline	5	ND	ND	ND	ND
Acenaphthene		ND	**72**	ND	ND
Acenaphthylene	5	**0.42**	ND	**0.03**	**0.18**
Anthracene		ND	**110**	ND	ND
Azobenzene		ND	ND	ND	ND
Benzo(a)anthracene		**3**	**78**	**0.05**	**6.2**
Benzidine	5	ND	ND	ND	ND
Benzo(a)pyrene		**3.4**	**51**	**0.03**	**7.1**
Benzo(b)fluoranthene		**4**	**63**	**0.04**	**8.5**
Benzo(g,h,i)perylene		ND	ND	ND	ND
Benzo(k)fluoranthene		**1.4**	ND	ND	2.9
Benzoic Acid		ND	ND	ND	ND
Benzyl Alcohol		ND	ND	ND	ND
Butyl benzyl phthalate		ND	ND	ND	ND
Bis(2-chloroethoxy)methane		ND	ND	ND	ND
Bis(2-chloroethyl)ether	1	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether		ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	ND	ND	ND
Chrysene		**2.6**	**53**	**0.03**	**5.4**
Dibenzo(a,h)anthracene		**0.3**	ND	ND	**0.75**
Dibenzofuran		ND	**94**	ND	ND
Diethylphthalate		ND	ND	ND	ND
Dimethylphthalate		ND	ND	ND	ND
Di-n-butylphthalate		ND	ND	ND	ND
Di-n-octylphthalate		ND	ND	ND	ND
Fluoranthene		**7.2**	**270**	ND	**11**
Fluorene		ND	**110**	ND	ND
Hexachlorobenzene	0.04	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND
Hexachlorocyclopentadiene	5	ND	ND	ND	ND
Hexachloroethane	5	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene		**1.2**	ND	**0.02**	**2.8**
Isophorone		ND	ND	ND	ND
Naphthalene		ND	**1,300**	ND	ND
Nitrobenzene	0.4	ND	ND	ND	ND
N-Nitrosodimethylamine		ND	ND	ND	ND
N-Nitrosodi-n-propylamine		ND	ND	ND	ND
N-Nitrosodiphenylamine		ND	ND	ND	ND
Phenanthrene		**4.6**	**440**	**0.11**	**11**
Pyrene		**6.7**	**210**	ND	**8.6**

Notes:
ND - Not detected
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7
462 Kent Avenue, Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards µg/L	B1 µg/L	B2 µg/L	B3 µg/L	B4 µg/L
PCB-1016	**0.09**	ND	ND	ND	ND
PCB-1221	**0.09**	ND	ND	ND	ND
PCB-1232	**0.09**	ND	ND	ND	ND
PCB-1242	**0.09**	ND	ND	ND	ND
PCB-1248	**0.09**	ND	ND	ND	ND
PCB-1254	**0.09**	ND	ND	ND	ND
PCB-1260	**0.09**	ND	ND	ND	ND
PCB-1262	**0.09**	ND	ND	ND	ND
PCB-1268	**0.09**	ND	ND	ND	ND
4,4-DDD	**0.3**	ND	ND	ND	ND
4,4-DDE	**0.2**	ND	ND	ND	ND
4,4-DDT	**0.11**	ND	ND	ND	ND
a-BHC	**0.94**	ND	ND	ND	ND
Alachlor		ND	ND	ND	ND
Aldrin		ND	ND	ND	ND
b-BHC	**0.04**	ND	ND	ND	ND
Chlordane	**0.05**	ND	ND	ND	ND
d-BHC	**0.04**	ND	ND	ND	ND
Dieldrin	**0.004**	ND	ND	ND	ND
Endosulfan I		ND	ND	ND	ND
Endosulfan II		ND	ND	ND	ND
Endosulfan Sulfate		ND	ND	ND	ND
Endrin		ND	ND	ND	ND
Endrin aldehyde	**5**	ND	ND	ND	ND
Endrin ketone		ND	ND	ND	ND
gamma-BHC	**0.05**	ND	ND	ND	ND
Heptachlor	**0.04**	ND	ND	ND	ND
Heptachlor epoxide	**0.03**	ND	ND	ND	ND
Methoxychlor	**35**	ND	ND	ND	ND
Toxaphene		ND	ND	ND	ND

Notes:
ND - Non-detect
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 8
462 Kent Avenue, Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards µg/L	B1 µg/L	B2 µg/L	B3 µg/L	B4 µg/L
Silver	50	<1	<1	<1	<1
Aluminum	NS	50,500	52,000	6,420	43,800
Arsenic	25	<4	<40	<4	<40
Barium	1000	391	324	92	302
Beryllium	3	2	2	<1	2
Calcium	NS	85,100	53,900	79,400	47,700
Cadmium	5	4	6	1	3
Cobalt	NS	39	41	5	40
Chromium	50	126	107	14	74
Copper	200	181	115	11	115
Iron	500	89,700	134,000	28,000	65,000
Mercury	0.7	0.4	0.3	<0.2	<0.2
Potassium	NS	19,000	29,500	47,700	21,500
Magnesium	35000	27,600	28,100	21,200	20,700
Manganese	300	2,120	2,310	1,650	3,270
Sodium	2000	309,000	81,400	59,800	267,000
Nickel	100	76	63	10	86
Lead	25	463	173	31	114
Antimony	3	<5	<50	<5	<5
Selenium	10	20	27	<10	<10
Thallium	0.5	<2	<2	<2	<2
Vanadium	NS	133	159	19	98
Zinc	2000	351	178	28	209

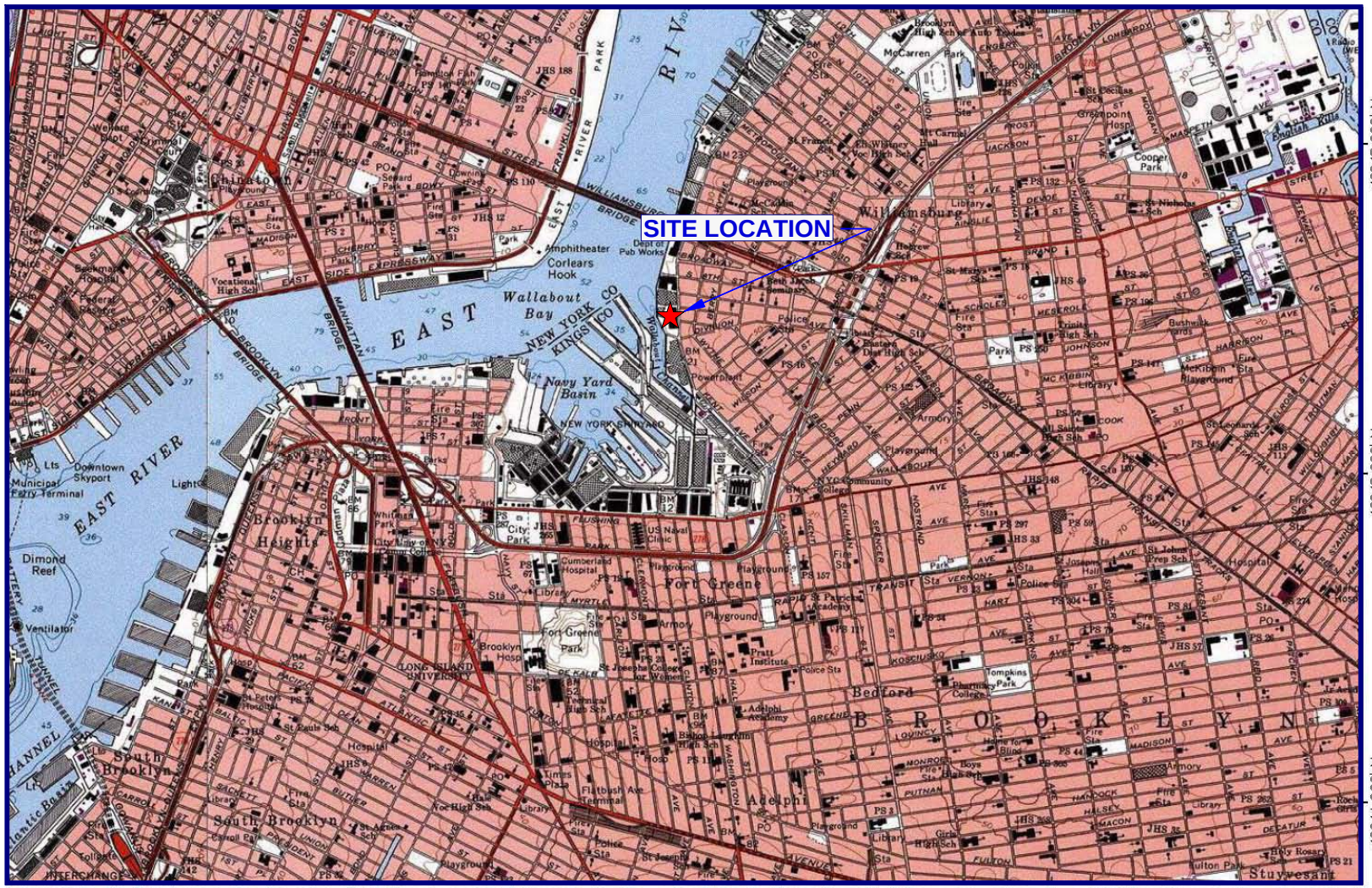
Notes:
ND - ND
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 9
462 Kent Avenue, Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Subslab Levels (µg/m^3) [a]	NYSDOH Indoor Air Guidance Value (µg/m^3) [a]	NYSDOH Indoor Air (µg/m^3) [b]	NYSDOH Outdoor Air (µg/m^3) [b]	SS-1 (µg/m^3)	SS-2 (µg/m^3)	SS-3 (µg/m^3)	SS-4 (µg/m^3)	Indoor 1 (µg/m^3)	Indoor 2 (µg/m^3)	Outdoor (µg/m^3)
Helium					ND	ND	ND	ND	-	-	-
1,1,1,2-Tetrachloroethane					ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	100	100	<0.25 - 1.1	<0.25 - 0.3	**0.22**	**0.35**	**0.57**	**0.37**	**0.57**	**1.62**	ND
1,1,2,2-Tetrachloroethane			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene			0.7 - 4.3	<0.25 - 0.8	**0.69**	**0.79**	**0.7**	**0.75**	**1.08**	**1.1**	ND
1,2-Dibromoethane			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorotetrafluoroethane			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene			0.3 - 1.7	<0.25 - 0.3	ND	**0.25**	**0.52**	**0.21**	**0.27**	**0.31**	ND
1,3-Butadiene					ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene			<0.25 - 0.5	<0.25	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane					ND	ND	ND	ND	ND	ND	ND
2-Hexanone					ND	ND	ND	ND	ND	ND	ND
4-Ethyltoluene					ND	**0.41**	ND	ND	**0.27**	**0.29**	ND
4-Isopropyltoluene					ND	**0.18**	ND	ND	ND	ND	ND
4-Methyl-2-pentanone					**1.75**	**1.71**	**1.89**	**1.66**	ND	ND	ND
Acetone			9.9 - 52	3.4 - 14	**19**	**13.2**	**12.9**	**10.8**	**48.2**	**20.1**	**4.15**
Acrylonitrile					ND	ND	ND	ND	ND	ND	ND
Benzene			1.1 - 5.9	0.6 - 2.2	**1.19**	**1.41**	**1.12**	**1.19**	**1.58**	**1.31**	ND
Benzyl Chloride					ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane					ND	ND	ND	ND	ND	ND	ND
Bromoform					ND	ND	ND	ND	ND	ND	ND
Bromomethane			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide					ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	50	50	<0.25 - 0.6	<0.25 - 0.6	**0.09**	**0.09**	**0.1**	**0.09**	**0.08**	**0.09**	**0.08**
Chlorobenzene			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
Chloroethane			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
Chloroform			<0.25 - 0.5	<0.25	ND	ND	ND	**0.22**	ND	**0.24**	ND
Chloromethane			<0.25 - 1.8	<0.25 - 1.8	ND	ND	ND	ND	**0.59**	**0.58**	0.6
cis-1,2-Dichloroethene			<0.25	<0.25	ND	ND	ND	ND	ND	**0.33**	ND
cis-1,3-Dichloropropene			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
Cyclohexane			<0.25 - 2.6	<0.25 - 0.4	**0.76**	**0.87**	**0.61**	**0.68**	**0.95**	**0.53**	ND
Dibromochloromethane					ND	ND	ND	ND	ND	ND	ND
Dichlorodifluromethane			<0.25 - 4.1	<0.25 - 4.2	**0.46**	**0.38**	**0.71**	**0.41**	**0.46**	**0.48**	**0.46**
Ethanol			27 - 540	3.3 - 16	**94.4**	**110**	**92.9**	**93.7**	**37.6**	**21.2**	**7.79**
Ethyl Acetate				NA	**0.37**	**0.35**	**0.4**	**0.32**	ND	ND	ND
Ethylbenzene			0.4 - 2.8	<0.25 - 0.5	**1.27**	**0.82**	**0.53**	**0.6**	**1.95**	**0.87**	ND
Heptane					**0.65**	**0.58**	**0.34**	**0.39**	**0.81**	**0.44**	ND
Hexachlorobutadiene			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
Hexane					**1.74**	**1.61**	**1.48**	**1.24**	**3.06**	**2.03**	**0.48**
Isopropylalcohol					**2.65**	ND	ND	ND	ND	ND	ND
Isopropylbenzene			<0.25 - 0.4	<0.25	ND	ND	ND	ND	ND	ND	ND
Xylene (m&p)			0.5 - 4.6	<0.25 - 0.5	**3.67**	**2.15**	**1.5**	**1.52**	**5.42**	**2.6**	**0.45**
Methyl Ethyl Ketone			1.4 - 7.3	0.8 - 2.6	**5.55**	**4.7**	**5.85**	**4.01**	**1.46**	ND	ND
MTBE			<0.25 - 5.6		ND	ND	ND	ND	ND	ND	ND
Methylene Chloride		60	0.3 - 6.6	<0.25 - 0.7	**54**	**77.8**	**14.5**	**102**	**114**	**141**	**1.5**
n-Butylbenzene			<0.25 - 0.5	<0.25 - 0.9	ND	**0.19**	ND	ND	ND	ND	ND
Xylene (o)			0.4 - 3.1	<0.25 - 0.7	**0.88**	**0.68**	**0.48**	**0.49**	**1.55**	**0.91**	ND
Propylene					ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene			<0.25 - 0.6	<0.25	ND	ND	ND	ND	ND	ND	ND
Styrene			<0.25 - 0.6	<0.25	**0.29**	**0.4**	ND	**0.41**	ND	ND	ND
Tetrachloroethylene	100	100	<0.25 - 1.1	<0.25 - 0.3	**0.28**	**1.42**	**1.58**	**0.22**	**0.54**	**0.51**	**0.25**
Tetrahydrofuran			<0.25	<0.25	**14.8**	**14.8**	**16.2**	**11.7**	ND	ND	ND
Toluene			3.5 - 25	0.6 - 2.4	**6.86**	**6.98**	**6.2**	**5.87**	**8.64**	**7.62**	**1.05**
trans-1,2-Dichloroethene					ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	50	5	<0.25	<0.25	**0.11**	**0.1**	**0.16**	**0.09**	**0.08**	**0.14**	ND
Trichlorofluoromethane			1.1 - 5.4	<0.25 - 2.2	**0.26**	**0.28**	**2.09**	**0.46**	**0.34**	**0.47**	**0.21**
Trichlorotrifluoroethane					ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride			<0.25	<0.25	ND	ND	ND	ND	ND	ND	ND
*Total PVOCs**					31.4	30.77	29.14	24.4	20.76	15.01	1.5
*Total BTEX***					13.87	12.04	9.83	9.67	19.14	13.31	1.5
*Total VOCs****					157.94	164.70	148.83	137.40	115.50	63.77	15.52

Notes:
NA No guidance value or standard available
(a) NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006.
(b) NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health. Appendix C.1 NYSDOH 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes. 25th to 75th Percentile.
(c) USEPA Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance), Table 2c, Risk=1 ;$^{-6}$. November 2002.
* Petroleum Volatile Organic Compounds
** Chlorinated Volatile Organic Compounds
** * Volatile Organic Compounds (excluding acetone)
Yellow Shaded - Value detected above NYSDOH Air Guidance Value vapor/Indoor Air Matrix 1 or 2

FIGURES

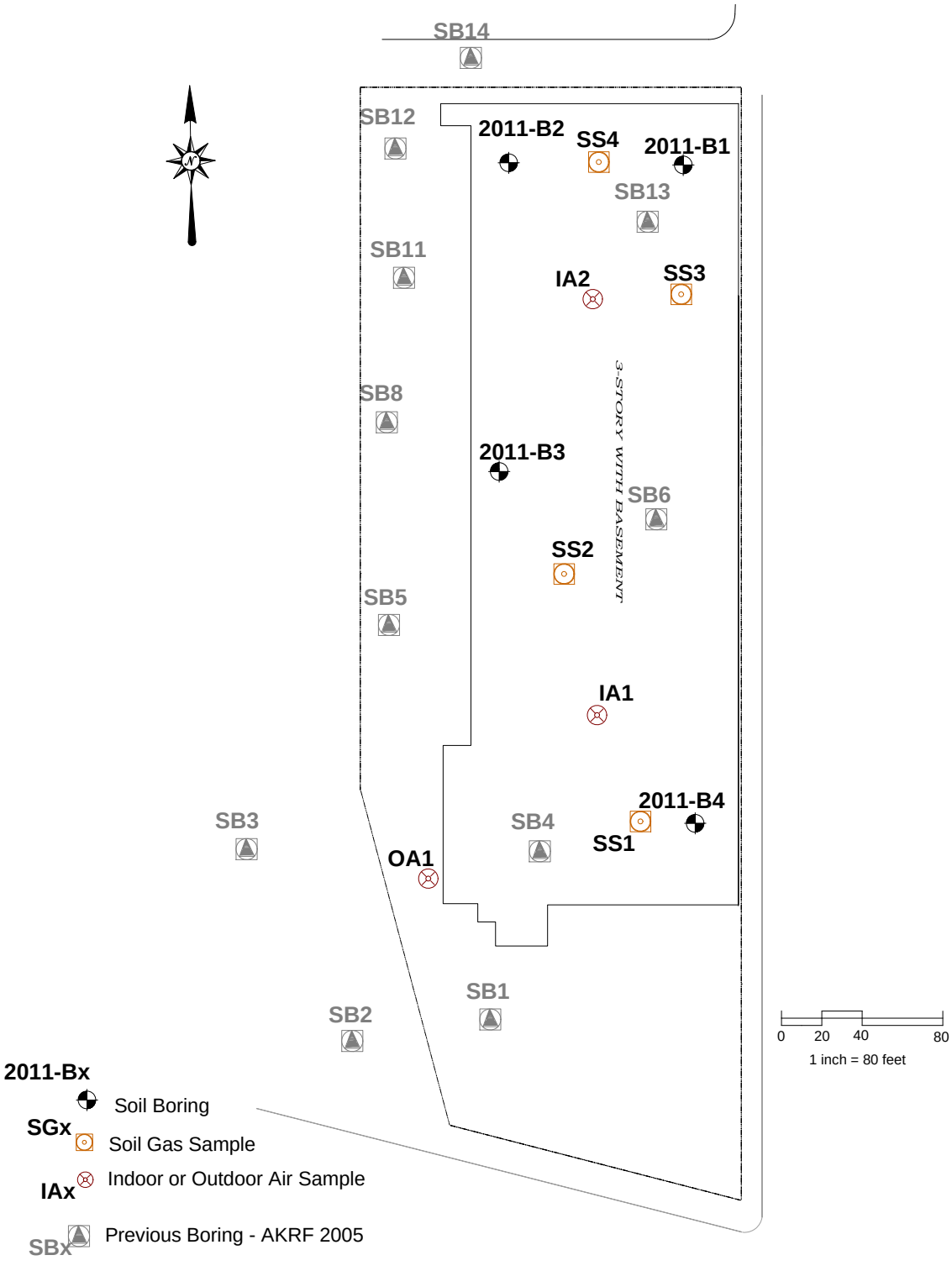


USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
1808 MIDDLE COUNTRY ROAD. RIDGE. NY 11961
Phone 631.504.6000
Fax 631.924.2780

462 KENT AVENUE, BROOKLYN, NY

FIGURE 1 SITE LOCATION MAP



EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

464 Kent Avenue, Brooklyn, NY

FIGURE 2 Sampling Locations

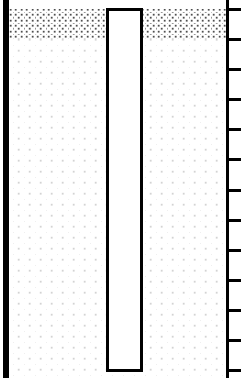
APPENDIX A
SOIL BORING LOGS

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Northeast corner of building (interior parking garage).		Depth to Water (ft. from grade.) Date / DTW	Site Elevation Datum
Site Name: WFR1101	Address: 462 Kent Avenue, Brooklyn, NY		Ground Elevation
		Groundwater depth ~6 ft	
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54		Well Specifications
Date Started: 12/5/2011	Date Completed: 12/5/2011		None
Completion Depth: 12 feet	Field Techician D. Mosca		

B1 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	36			2" - Concrete. 34" - Fill material consisting of wood, stones, and brick in a silty sand matrix. **Soil Sample retained B1(0-2').*
	4 to 8	36			36" - Fill material of bricks, wood, and stones in a silty sand matrix. Wet at around 7.5 to 8 feet. **Soil Sample retained B1(4-6').*
	8 to 12	36			36" - Wet fill material in a sandy clay matrix. 24" - Sandy gravel.
					**GW sample collected (B1)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Northwest corner of building (interior parking garage).		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: WFR1101	Address: 462 Kent Avenue, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth: ~6 ft	
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54		Well Specifications
Date Started: 12/5/2011	Date Completed: 12/5/2011		None
Completion Depth: 12 feet	Field Techician D. Mosca		

B2 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	26			2" - Concrete. 12" - Black and brown fill material ina sandy matrix. 12" - Fill material in a sandy clay matrix. **Soil Sample retained B2(0-2').*
	to 8	40			20" - Moist sandy clay fill material. No odor. 20" - Moist sandy clay soil stained grey to black. Petroleum odor. **Soil Sample retained B2(6-8').*
	to 12	20			20" - Wet sandy clay soil stained grey to black. Petroleum odor.
					**GW sample collected (B2)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Western side of building (interior parking garage). AST area.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: WFR1101	Address: 462 Kent Avenue, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54	~6 ft	Well Specifications
Date Started: 12/5/2011	Date Completed: 12/5/2011		None
Completion Depth: 12 feet	Field Techician D. Mosca		

B3 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	36			4" - Concrete. 4" - Sandy black fill. 28" - Brown and black fill material in a sandy clay matrix. **Soil Sample retained B3(0-2').*
	4 to 8	34			36" - Fill material with bricks and some coal ash in silty clay matrix. No odor. **Soil Sample retained B3(4-6').*
	8 to 12	30			6" - Cave in of sandy black fill. 28" - Wet black and grey sandy clay fill material. Coal-like odor.
					**GW sample collected (B3)*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Southeast corner of building (interior parking garage).			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: WFR1101	Address: 462 Kent Avenue, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54		~6 ft	Well Specifications
Date Started: 12/5/2011	Date Completed: 12/5/2011			None
Completion Depth: 12 feet	Field Techician D. Mosca			

B4 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	24			24" - Sandy fill material consisting of concrete, coal ash, and brick. **Soil Sample retained B4 (0-2').*
	4 to 8	20			20" - Moist fill material. No odor. **Soil Sample retained B4(4-6').*
	8 to 12	33			33" - Wet fill material. No odor.
					**GW sample collected (B4)*

APPENDIX B
LABORATORY REPORTS

PHOENIX
Environmental Laboratories, Inc.

Thursday, December 15, 2011

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

Project ID: 462 KENT AVE BROOKLYN NY
Sample ID#s: BB07952 - BB07964

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,

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07952

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B1 0-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	12/07/11		EK	6010/200.7
Aluminum	17200	58	mg/Kg	12/08/11		LK	6010/200.7
Arsenic	1.26	0.78	mg/Kg	12/07/11		EK	6010/200.7
Barium	49.5	0.39	mg/Kg	12/07/11		LK	6010/200.7
Beryllium	0.48	0.31	mg/Kg	12/07/11		EK	6010/200.7
Calcium	1250	5.8	mg/Kg	12/07/11		LK	6010/200.7
Cadmium	1.45	0.39	mg/Kg	12/07/11		EK	6010/200.7
Cobalt	7.21	0.39	mg/Kg	12/07/11		EK	6010/200.7
Chromium	24.9	0.39	mg/Kg	12/07/11		EK	6010/200.7
Copper	19.7	0.39	mg/kg	12/07/11		LK	6010/200.7
Iron	35500	58	mg/Kg	12/08/11		LK	6010/200.7
Mercury	0.21	0.08	mg/Kg	12/07/11		RS	SW-7471
Potassium	1140	58	mg/Kg	12/08/11		LK	6010/200.7
Magnesium	1450	5.8	mg/Kg	12/07/11		LK	6010/200.7
Manganese	414	3.9	mg/Kg	12/08/11		LK	6010/200.7
Sodium	75.5	5.8	mg/Kg	12/07/11		EK	6010/200.7
Nickel	12.5	0.39	mg/Kg	12/07/11		EK	6010/200.7
Lead	24.3	0.39	mg/Kg	12/07/11		EK	6010/200.7
Antimony	< 3.9	3.9	mg/Kg	12/07/11		EK	6010/200.7
Selenium	3.7	1.6	mg/Kg	12/07/11		EK	6010/200.7
Thallium	< 3.5	3.5	mg/Kg	12/07/11		EK	6010/200.7
Total Metals Digest	Completed			12/06/11		AG	SW846 - 3050
Vanadium	36.0	0.39	mg/Kg	12/07/11		EK	6010/200.7
Zinc	39.6	3.9	mg/Kg	12/08/11		LK	6010/200.7
Percent Solid	87		%	12/06/11		JL	E160.3
Soil Extraction for PCB	Completed			12/06/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/06/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/06/11		BS/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/07/11		D/D	SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1221	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1232	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1242	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1248	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1254	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1260	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1262	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1268	ND	380	ug/Kg	12/07/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	82		%	12/07/11		MH	30 - 150 %
% TCMX	73		%	12/07/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	36	ug/Kg	12/07/11		MR	SW8081
4,4' -DDE	ND	36	ug/Kg	12/07/11		MR	SW8081
4,4' -DDT	ND	36	ug/Kg	12/07/11		MR	SW8081
a-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Alachlor	ND	18	ug/Kg	12/07/11		MR	SW8081
Aldrin	ND	5.7	ug/Kg	12/07/11		MR	SW8081
b-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Chlordane	ND	57	ug/Kg	12/07/11		MR	SW8081
d-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Dieldrin	ND	5.7	ug/Kg	12/07/11		MR	SW8081
Endosulfan I	ND	18	ug/Kg	12/07/11		MR	SW8081
Endosulfan II	ND	36	ug/Kg	12/07/11		MR	SW8081
Endosulfan sulfate	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin aldehyde	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin ketone	ND	36	ug/Kg	12/07/11		MR	SW8081
g-BHC	ND	5.7	ug/Kg	12/07/11		MR	SW8081
Heptachlor	ND	11	ug/Kg	12/07/11		MR	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/07/11		MR	SW8081
Methoxychlor	ND	180	ug/Kg	12/07/11		MR	SW8081
Toxaphene	ND	180	ug/Kg	12/07/11		MR	SW8081
QA/QC Surrogates							
% DCBP	78		%	12/07/11		MR	40 - 140 %
% TCMX	79		%	12/07/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2,3-Trichloropropane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
2-Hexanone	ND	29	ug/Kg	12/10/11		R/J	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	12/10/11		R/J	SW8260
Acetone	ND	70	ug/Kg	12/10/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/10/11		R/J	SW8260
Benzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Bromobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Bromochloromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Bromoform	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Bromomethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Chlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Chloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Chloroform	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Chloromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Dibromochloromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Dibromoethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Dibromomethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Ethylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
m&p-Xylene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	12/10/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/10/11		R/J	SW8260
Methylene chloride	ND	17	ug/Kg	12/10/11		R/J	SW8260
Naphthalene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
o-Xylene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Styrene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/10/11		R/J	SW8260
Toluene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Total Xylenes	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/10/11		R/J	SW8260
Trichloroethene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Vinyl chloride	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	12/10/11		R/J	70 - 130 %
% Bromofluorobenzene	88		%	12/10/11		R/J	70 - 130 %
% Dibromofluoromethane	105		%	12/10/11		R/J	70 - 130 %
% Toluene-d8	99		%	12/10/11		R/J	70 - 130 %
Semivolatiles							
1,2-Dichlorobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
1,3-Dichlorobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
1,4-Dichlorobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
2,4-Dinitrotoluene	ND	270	ug/Kg	12/07/11		DD	SW8270
2,6-Dinitrotoluene	ND	270	ug/Kg	12/07/11		DD	SW8270
2-Chloronaphthalene	ND	270	ug/Kg	12/07/11		DD	SW8270
2-Methylnaphthalene	ND	270	ug/Kg	12/07/11		DD	SW8270
2-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	12/07/11		DD	SW8270
3-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	270	ug/Kg	12/07/11		DD	SW8270
4-Chloroaniline	ND	270	ug/Kg	12/07/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	12/07/11		DD	SW8270
4-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
Acenaphthene	ND	270	ug/Kg	12/07/11		DD	SW8270
Acenaphthylene	ND	270	ug/Kg	12/07/11		DD	SW8270
Anthracene	ND	270	ug/Kg	12/07/11		DD	SW8270
Azobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
Benz(a)anthracene	300	270	ug/Kg	12/07/11		DD	SW8270
Benzidine	ND	1500	ug/Kg	12/07/11		DD	SW8270
Benzo(a)pyrene	300	270	ug/Kg	12/07/11		DD	SW8270
Benzo(b)fluoranthene	460	270	ug/Kg	12/07/11		DD	SW8270
Benzo(ghi)perylene	ND	270	ug/Kg	12/07/11		DD	SW8270
Benzo(k)fluoranthene	ND	270	ug/Kg	12/07/11		DD	SW8270
Benzoic acid	ND	380	ug/Kg	12/07/11		DD	SW8270
Benzyl alcohol	ND	270	ug/Kg	12/07/11		DD	SW8270
Benzyl butyl phthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	12/07/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	270	ug/Kg	12/07/11		DD	SW8270

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B1 0-2

Phoenix I.D.: BB07952

Parameter	Result	RL	Units	Date	Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	12/07/11		DD	SW8270
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Chrysene	270	270	ug/Kg	12/07/11		DD	SW8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	12/07/11		DD	SW8270
Dibenzofuran	ND	270	ug/Kg	12/07/11		DD	SW8270
Diethyl phthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Dimethylphthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Di-n-butylphthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Di-n-octylphthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Fluoranthene	530	270	ug/Kg	12/07/11		DD	SW8270
Fluorene	ND	270	ug/Kg	12/07/11		DD	SW8270
Hexachlorobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
Hexachlorobutadiene	ND	270	ug/Kg	12/07/11		DD	SW8270
Hexachlorocyclopentadiene	ND	270	ug/Kg	12/07/11		DD	SW8270
Hexachloroethane	ND	270	ug/Kg	12/07/11		DD	SW8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	12/07/11		DD	SW8270
Isophorone	ND	270	ug/Kg	12/07/11		DD	SW8270
Naphthalene	ND	270	ug/Kg	12/07/11		DD	SW8270
Nitrobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodimethylamine	ND	270	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodiphenylamine	ND	270	ug/Kg	12/07/11		DD	SW8270
Phenanthrene	ND	270	ug/Kg	12/07/11		DD	SW8270
Pyrene	530	270	ug/Kg	12/07/11		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	84		%	12/07/11		DD	30 - 130 %
% Nitrobenzene-d5	81		%	12/07/11		DD	30 - 130 %
% Terphenyl-d14	96		%	12/07/11		DD	30 - 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

Phyllis Shiller, Laboratory Director
December 16, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07953

Project ID: 462 KENT AVE BROOKLYN NY

Client ID: B1 4-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	12/07/11		EK	6010/200.7
Aluminum	9400	55	mg/Kg	12/08/11		LK	6010/200.7
Arsenic	2.50	0.73	mg/Kg	12/07/11		EK	6010/200.7
Barium	51.5	0.36	mg/Kg	12/07/11		LK	6010/200.7
Beryllium	0.40	0.29	mg/Kg	12/07/11		EK	6010/200.7
Calcium	5870	5.5	mg/Kg	12/07/11		LK	6010/200.7
Cadmium	1.06	0.36	mg/Kg	12/07/11		EK	6010/200.7
Cobalt	6.92	0.36	mg/Kg	12/07/11		EK	6010/200.7
Chromium	18.0	0.36	mg/Kg	12/07/11		EK	6010/200.7
Copper	30.1	0.36	mg/kg	12/07/11		LK	6010/200.7
Iron	21500	55	mg/Kg	12/08/11		LK	6010/200.7
Mercury	< 0.09	0.09	mg/Kg	12/07/11		RS	SW-7471
Potassium	1090	55	mg/Kg	12/08/11		LK	6010/200.7
Magnesium	2880	5.5	mg/Kg	12/07/11		LK	6010/200.7
Manganese	425	3.6	mg/Kg	12/08/11		LK	6010/200.7
Sodium	215	5.5	mg/Kg	12/07/11		EK	6010/200.7
Nickel	14.0	0.36	mg/Kg	12/07/11		EK	6010/200.7
Lead	175	0.36	mg/Kg	12/07/11		EK	6010/200.7
Antimony	< 3.6	3.6	mg/Kg	12/07/11		EK	6010/200.7
Selenium	2.6	1.5	mg/Kg	12/07/11		EK	6010/200.7
Thallium	< 3.3	3.3	mg/Kg	12/07/11		EK	6010/200.7
Total Metals Digest	Completed			12/06/11		AG	SW846 - 3050
Vanadium	29.9	0.36	mg/Kg	12/07/11		EK	6010/200.7
Zinc	65.2	0.36	mg/Kg	12/07/11		LK	6010/200.7
Percent Solid	88		%	12/06/11		JL	E160.3
Soil Extraction for PCB	Completed			12/06/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/06/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/06/11		BS/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/07/11		D/D	SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1221	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1232	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1242	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1248	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1254	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1260	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1262	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1268	ND	370	ug/Kg	12/07/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	78		%	12/07/11		MH	30 - 150 %
% TCMX	70		%	12/07/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	35	ug/Kg	12/09/11		MR	SW8081
4,4' -DDE	ND	35	ug/Kg	12/09/11		MR	SW8081
4,4' -DDT	ND	35	ug/Kg	12/09/11		MR	SW8081
a-BHC	ND	18	ug/Kg	12/09/11		MR	SW8081
Alachlor	ND	18	ug/Kg	12/09/11		MR	SW8081
Aldrin	ND	5.5	ug/Kg	12/09/11		MR	SW8081
b-BHC	ND	18	ug/Kg	12/09/11		MR	SW8081
Chlordane	ND	55	ug/Kg	12/09/11		MR	SW8081
d-BHC	ND	18	ug/Kg	12/09/11		MR	SW8081
Dieldrin	ND	5.5	ug/Kg	12/09/11		MR	SW8081
Endosulfan I	ND	18	ug/Kg	12/09/11		MR	SW8081
Endosulfan II	ND	35	ug/Kg	12/09/11		MR	SW8081
Endosulfan sulfate	ND	35	ug/Kg	12/09/11		MR	SW8081
Endrin	ND	35	ug/Kg	12/09/11		MR	SW8081
Endrin aldehyde	ND	35	ug/Kg	12/09/11		MR	SW8081
Endrin ketone	ND	35	ug/Kg	12/09/11		MR	SW8081
g-BHC	ND	5.5	ug/Kg	12/09/11		MR	SW8081
Heptachlor	ND	11	ug/Kg	12/09/11		MR	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/09/11		MR	SW8081
Methoxychlor	ND	180	ug/Kg	12/09/11		MR	SW8081
Toxaphene	ND	180	ug/Kg	12/09/11		MR	SW8081
QA/QC Surrogates							
% DCBP	81		%	12/09/11		MR	40 - 140 %
% TCMX	79		%	12/09/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,1,1-Trichloroethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,2,3-Trichloropropane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
2-Hexanone	ND	28	ug/Kg	12/09/11		H/J	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	12/09/11		H/J	SW8260
Acetone	ND	28	ug/Kg	12/09/11		H/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/09/11		H/J	SW8260
Benzene	7.1	5.7	ug/Kg	12/09/11		H/J	SW8260
Bromobenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Bromochloromethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Bromoform	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Bromomethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Chlorobenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Chloroethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Chloroform	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Chloromethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Dibromochloromethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Dibromoethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Dibromomethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Ethylbenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
m&p-Xylene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	12/09/11		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/09/11		H/J	SW8260
Methylene chloride	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Naphthalene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
o-Xylene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Styrene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/09/11		H/J	SW8260
Toluene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Total Xylenes	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/09/11		H/J	SW8260
Trichloroethene	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
Vinyl chloride	ND	5.7	ug/Kg	12/09/11		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	12/09/11		H/J	70 - 130 %
% Bromofluorobenzene	91		%	12/09/11		H/J	70 - 130 %
% Dibromofluoromethane	108		%	12/09/11		H/J	70 - 130 %
% Toluene-d8	101		%	12/09/11		H/J	70 - 130 %
Semivolatiles							
1,2-Dichlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
1,3-Dichlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
1,4-Dichlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
2,4-Dinitrotoluene	ND	260	ug/Kg	12/07/11		DD	SW8270
2,6-Dinitrotoluene	ND	260	ug/Kg	12/07/11		DD	SW8270
2-Chloronaphthalene	ND	260	ug/Kg	12/07/11		DD	SW8270
2-Methylnaphthalene	ND	260	ug/Kg	12/07/11		DD	SW8270
2-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	12/07/11		DD	SW8270
3-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	260	ug/Kg	12/07/11		DD	SW8270
4-Chloroaniline	ND	260	ug/Kg	12/07/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	12/07/11		DD	SW8270
4-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
Acenaphthene	ND	260	ug/Kg	12/07/11		DD	SW8270
Acenaphthylene	310	260	ug/Kg	12/07/11		DD	SW8270
Anthracene	1900	260	ug/Kg	12/07/11		DD	SW8270
Azobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
Benz(a)anthracene	3900	260	ug/Kg	12/07/11		DD	SW8270
Benzidine	ND	1500	ug/Kg	12/07/11		DD	SW8270
Benzo(a)pyrene	3700	260	ug/Kg	12/07/11		DD	SW8270
Benzo(b)fluoranthene	4400	260	ug/Kg	12/07/11		DD	SW8270
Benzo(ghi)perylene	1600	260	ug/Kg	12/07/11		DD	SW8270
Benzo(k)fluoranthene	1600	260	ug/Kg	12/07/11		DD	SW8270
Benzoic acid	ND	370	ug/Kg	12/07/11		DD	SW8270
Benzyl alcohol	ND	260	ug/Kg	12/07/11		DD	SW8270
Benzyl butyl phthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	12/07/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	260	ug/Kg	12/07/11		DD	SW8270

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B1 4-6

Phoenix I.D.: BB07953

Parameter	Result	RL	Units	Date	Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	12/07/11		DD	SW8270
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Chrysene	3500	260	ug/Kg	12/07/11		DD	SW8270
Dibenz(a,h)anthracene	410	260	ug/Kg	12/07/11		DD	SW8270
Dibenzofuran	ND	260	ug/Kg	12/07/11		DD	SW8270
Diethyl phthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Dimethylphthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Di-n-butylphthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Di-n-octylphthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Fluoranthene	10000	260	ug/Kg	12/07/11		DD	SW8270
Fluorene	290	260	ug/Kg	12/07/11		DD	SW8270
Hexachlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
Hexachlorobutadiene	ND	260	ug/Kg	12/07/11		DD	SW8270
Hexachlorocyclopentadiene	ND	260	ug/Kg	12/07/11		DD	SW8270
Hexachloroethane	ND	260	ug/Kg	12/07/11		DD	SW8270
Indeno(1,2,3-cd)pyrene	1500	260	ug/Kg	12/07/11		DD	SW8270
Isophorone	ND	260	ug/Kg	12/07/11		DD	SW8270
Naphthalene	1500	260	ug/Kg	12/07/11		DD	SW8270
Nitrobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodimethylamine	ND	260	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodiphenylamine	ND	260	ug/Kg	12/07/11		DD	SW8270
Phenanthrene	4400	260	ug/Kg	12/07/11		DD	SW8270
Pyrene	9300	260	ug/Kg	12/07/11		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	86		%	12/07/11		DD	30 - 130 %
% Nitrobenzene-d5	84		%	12/07/11		DD	30 - 130 %
% Terphenyl-d14	90		%	12/07/11		DD	30 - 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

Phyllis Shiller, Laboratory Director
December 16, 2011

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07954

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B2 0-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	12/07/11		EK	6010/200.7
Aluminum	9080	55	mg/Kg	12/09/11		LK	6010/200.7
Arsenic	2.12	0.73	mg/Kg	12/07/11		EK	6010/200.7
Barium	53.4	0.36	mg/Kg	12/07/11		EK	6010/200.7
Beryllium	0.44	0.29	mg/Kg	12/07/11		EK	6010/200.7
Calcium	4410	55	mg/Kg	12/09/11		LK	6010/200.7
Cadmium	1.24	0.36	mg/Kg	12/07/11		EK	6010/200.7
Cobalt	7.17	0.36	mg/Kg	12/07/11		EK	6010/200.7
Chromium	19.4	0.36	mg/Kg	12/07/11		EK	6010/200.7
Copper	24.1	0.36	mg/kg	12/07/11		EK	6010/200.7
Iron	25800	55	mg/Kg	12/09/11		LK	6010/200.7
Mercury	< 0.09	0.09	mg/Kg	12/07/11		RS	SW-7471
Potassium	926	55	mg/Kg	12/09/11		LK	6010/200.7
Magnesium	2340	55	mg/Kg	12/09/11		LK	6010/200.7
Manganese	523	3.6	mg/Kg	12/09/11		LK	6010/200.7
Sodium	113	5.5	mg/Kg	12/07/11		EK	6010/200.7
Nickel	14.6	0.36	mg/Kg	12/07/11		EK	6010/200.7
Lead	59.3	0.36	mg/Kg	12/07/11		EK	6010/200.7
Antimony	< 3.6	3.6	mg/Kg	12/07/11		EK	6010/200.7
Selenium	3.9	1.5	mg/Kg	12/07/11		EK	6010/200.7
Thallium	< 3.3	3.3	mg/Kg	12/07/11		EK	6010/200.7
Total Metals Digest	Completed			12/06/11		AG	SW846 - 3050
Vanadium	27.8	0.36	mg/Kg	12/07/11		EK	6010/200.7
Zinc	84.7	0.36	mg/Kg	12/07/11		EK	6010/200.7
Percent Solid	89		%	12/06/11		JL	E160.3
Soil Extraction for PCB	Completed			12/06/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/06/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/06/11		BS/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/07/11		D/D	SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	12/07/11		MH	SW 8082
PCB-1221	ND	360	ug/Kg	12/07/11		MH	SW 8082
PCB-1232	ND	360	ug/Kg	12/07/11		MH	SW 8082
PCB-1242	ND	360	ug/Kg	12/07/11		MH	SW 8082
PCB-1248	ND	360	ug/Kg	12/07/11		MH	SW 8082
PCB-1254	ND	360	ug/Kg	12/07/11		MH	SW 8082
PCB-1260	ND	360	ug/Kg	12/07/11		MH	SW 8082
PCB-1262	ND	360	ug/Kg	12/07/11		MH	SW 8082
PCB-1268	ND	360	ug/Kg	12/07/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	71		%	12/07/11		MH	30 - 150 %
% TCMX	63		%	12/07/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	35	ug/Kg	12/07/11		MR	SW8081
4,4' -DDE	ND	35	ug/Kg	12/07/11		MR	SW8081
4,4' -DDT	ND	35	ug/Kg	12/07/11		MR	SW8081
a-BHC	ND	17	ug/Kg	12/07/11		MR	SW8081
Alachlor	ND	17	ug/Kg	12/07/11		MR	SW8081
Aldrin	ND	5.5	ug/Kg	12/07/11		MR	SW8081
b-BHC	ND	17	ug/Kg	12/07/11		MR	SW8081
Chlordane	ND	55	ug/Kg	12/07/11		MR	SW8081
d-BHC	ND	17	ug/Kg	12/07/11		MR	SW8081
Dieldrin	ND	5.5	ug/Kg	12/07/11		MR	SW8081
Endosulfan I	ND	17	ug/Kg	12/07/11		MR	SW8081
Endosulfan II	ND	35	ug/Kg	12/07/11		MR	SW8081
Endosulfan sulfate	ND	35	ug/Kg	12/07/11		MR	SW8081
Endrin	ND	35	ug/Kg	12/07/11		MR	SW8081
Endrin aldehyde	ND	35	ug/Kg	12/07/11		MR	SW8081
Endrin ketone	ND	35	ug/Kg	12/07/11		MR	SW8081
g-BHC	ND	5.5	ug/Kg	12/07/11		MR	SW8081
Heptachlor	ND	11	ug/Kg	12/07/11		MR	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/07/11		MR	SW8081
Methoxychlor	ND	170	ug/Kg	12/07/11		MR	SW8081
Toxaphene	ND	170	ug/Kg	12/07/11		MR	SW8081
QA/QC Surrogates							
% DCBP	65		%	12/07/11		MR	40 - 140 %
% TCMX	66		%	12/07/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
2-Hexanone	ND	28	ug/Kg	12/09/11		H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	12/09/11		H/J	SW8260
Acetone	ND	28	ug/Kg	12/09/11		H/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/09/11		H/J	SW8260
Benzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Bromoform	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Chloroform	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	12/09/11		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/09/11		H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Naphthalene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
o-Xylene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Styrene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/09/11		H/J	SW8260
Toluene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/09/11		H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	111		%	12/09/11		H/J	70 - 130 %
% Bromofluorobenzene	83		%	12/09/11		H/J	70 - 130 %
% Dibromofluoromethane	102		%	12/09/11		H/J	70 - 130 %
% Toluene-d8	97		%	12/09/11		H/J	70 - 130 %
Semivolatiles							
1,2-Dichlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
1,3-Dichlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
1,4-Dichlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
2,4-Dinitrotoluene	ND	260	ug/Kg	12/07/11		DD	SW8270
2,6-Dinitrotoluene	ND	260	ug/Kg	12/07/11		DD	SW8270
2-Chloronaphthalene	ND	260	ug/Kg	12/07/11		DD	SW8270
2-Methylnaphthalene	ND	260	ug/Kg	12/07/11		DD	SW8270
2-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	12/07/11		DD	SW8270
3-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	260	ug/Kg	12/07/11		DD	SW8270
4-Chloroaniline	ND	260	ug/Kg	12/07/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	12/07/11		DD	SW8270
4-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
Acenaphthene	ND	260	ug/Kg	12/07/11		DD	SW8270
Acenaphthylene	ND	260	ug/Kg	12/07/11		DD	SW8270
Anthracene	ND	260	ug/Kg	12/07/11		DD	SW8270
Azobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
Benz(a)anthracene	390	260	ug/Kg	12/07/11		DD	SW8270
Benzidine	ND	1500	ug/Kg	12/07/11		DD	SW8270
Benzo(a)pyrene	440	260	ug/Kg	12/07/11		DD	SW8270
Benzo(b)fluoranthene	550	260	ug/Kg	12/07/11		DD	SW8270
Benzo(ghi)perylene	ND	260	ug/Kg	12/07/11		DD	SW8270
Benzo(k)fluoranthene	ND	260	ug/Kg	12/07/11		DD	SW8270
Benzoic acid	ND	370	ug/Kg	12/07/11		DD	SW8270
Benzyl alcohol	ND	260	ug/Kg	12/07/11		DD	SW8270
Benzyl butyl phthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	12/07/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	260	ug/Kg	12/07/11		DD	SW8270

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B2 0-2

Phoenix I.D.: BB07954

Parameter	Result	RL	Units	Date	Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	12/07/11		DD	SW8270
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Chrysene	390	260	ug/Kg	12/07/11		DD	SW8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	12/07/11		DD	SW8270
Dibenzofuran	ND	260	ug/Kg	12/07/11		DD	SW8270
Diethyl phthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Dimethylphthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Di-n-butylphthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Di-n-octylphthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Fluoranthene	720	260	ug/Kg	12/07/11		DD	SW8270
Fluorene	ND	260	ug/Kg	12/07/11		DD	SW8270
Hexachlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
Hexachlorobutadiene	ND	260	ug/Kg	12/07/11		DD	SW8270
Hexachlorocyclopentadiene	ND	260	ug/Kg	12/07/11		DD	SW8270
Hexachloroethane	ND	260	ug/Kg	12/07/11		DD	SW8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	12/07/11		DD	SW8270
Isophorone	ND	260	ug/Kg	12/07/11		DD	SW8270
Naphthalene	ND	260	ug/Kg	12/07/11		DD	SW8270
Nitrobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodimethylamine	ND	260	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodiphenylamine	ND	260	ug/Kg	12/07/11		DD	SW8270
Phenanthrene	320	260	ug/Kg	12/07/11		DD	SW8270
Pyrene	590	260	ug/Kg	12/07/11		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	87		%	12/07/11		DD	30 - 130 %
% Nitrobenzene-d5	85		%	12/07/11		DD	30 - 130 %
% Terphenyl-d14	92		%	12/07/11		DD	30 - 130 %

Comments:

* The surrogate failed method criteria due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No further action was necessary.

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

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

Phyllis Shiller, Laboratory Director
December 16, 2011

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07955

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B2 6-8

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	12/07/11		EK	6010/200.7
Aluminum	12500	60	mg/Kg	12/09/11		LK	6010/200.7
Arsenic	0.82	0.81	mg/Kg	12/07/11		EK	6010/200.7
Barium	68.1	0.40	mg/Kg	12/07/11		EK	6010/200.7
Beryllium	0.49	0.32	mg/Kg	12/07/11		EK	6010/200.7
Calcium	3810	60	mg/Kg	12/09/11		LK	6010/200.7
Cadmium	1.69	0.40	mg/Kg	12/07/11		EK	6010/200.7
Cobalt	10.2	0.40	mg/Kg	12/07/11		EK	6010/200.7
Chromium	24.7	0.40	mg/Kg	12/07/11		EK	6010/200.7
Copper	50.9	0.40	mg/kg	12/07/11		EK	6010/200.7
Iron	37600	60	mg/Kg	12/09/11		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	12/07/11		RS	SW-7471
Potassium	1100	60	mg/Kg	12/09/11		LK	6010/200.7
Magnesium	2730	60	mg/Kg	12/09/11		LK	6010/200.7
Manganese	626	4.0	mg/Kg	12/09/11		LK	6010/200.7
Sodium	137	6.0	mg/Kg	12/07/11		EK	6010/200.7
Nickel	17.2	0.40	mg/Kg	12/07/11		EK	6010/200.7
Lead	29.9	0.40	mg/Kg	12/07/11		EK	6010/200.7
Antimony	< 4.0	4.0	mg/Kg	12/07/11		EK	6010/200.7
Selenium	4.5	1.6	mg/Kg	12/07/11		EK	6010/200.7
Thallium	< 3.6	3.6	mg/Kg	12/07/11		EK	6010/200.7
Total Metals Digest	Completed			12/06/11		AG	SW846 - 3050
Vanadium	37.6	0.40	mg/Kg	12/07/11		EK	6010/200.7
Zinc	76.6	0.40	mg/Kg	12/07/11		EK	6010/200.7
Percent Solid	85		%	12/06/11		JL	E160.3
Soil Extraction for PCB	Completed			12/06/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/06/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/06/11		BS/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/07/11		D/D	SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1221	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1232	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1242	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1248	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1254	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1260	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1262	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1268	ND	380	ug/Kg	12/07/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	76		%	12/07/11		MH	30 - 150 %
% TCMX	62		%	12/07/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	36	ug/Kg	12/07/11		MR	SW8081
4,4' -DDE	ND	36	ug/Kg	12/07/11		MR	SW8081
4,4' -DDT	ND	36	ug/Kg	12/07/11		MR	SW8081
a-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Alachlor	ND	18	ug/Kg	12/07/11		MR	SW8081
Aldrin	ND	5.7	ug/Kg	12/07/11		MR	SW8081
b-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Chlordane	ND	57	ug/Kg	12/07/11		MR	SW8081
d-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Dieldrin	ND	5.7	ug/Kg	12/07/11		MR	SW8081
Endosulfan I	ND	18	ug/Kg	12/07/11		MR	SW8081
Endosulfan II	ND	36	ug/Kg	12/07/11		MR	SW8081
Endosulfan sulfate	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin aldehyde	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin ketone	ND	36	ug/Kg	12/07/11		MR	SW8081
g-BHC	ND	5.7	ug/Kg	12/07/11		MR	SW8081
Heptachlor	ND	11	ug/Kg	12/07/11		MR	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/07/11		MR	SW8081
Methoxychlor	ND	180	ug/Kg	12/07/11		MR	SW8081
Toxaphene	ND	180	ug/Kg	12/07/11		MR	SW8081
QA/QC Surrogates							
% DCBP	70		%	12/07/11		MR	40 - 140 %
% TCMX	66		%	12/07/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1,1-Trichloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1,2-Trichloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloroethene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloropropene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2,3-Trichloropropane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichloropropane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,3-Dichlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,3-Dichloropropane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,4-Dichlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
2,2-Dichloropropane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
2-Chlorotoluene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
2-Hexanone	ND	29	ug/Kg	12/09/11		H/J	SW8260
2-Isopropyltoluene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
4-Chlorotoluene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	12/09/11		H/J	SW8260
Acetone	ND	29	ug/Kg	12/09/11		H/J	SW8260
Acrylonitrile	ND	12	ug/Kg	12/09/11		H/J	SW8260
Benzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Bromobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Bromochloromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Bromodichloromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Bromoform	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Bromomethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Carbon Disulfide	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Carbon tetrachloride	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Chlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Chloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Chloroform	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Chloromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Dibromochloromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Dibromoethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Dibromomethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Dichlorodifluoromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Ethylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Hexachlorobutadiene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Isopropylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
m&p-Xylene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	12/09/11		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	12/09/11		H/J	SW8260
Methylene chloride	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Naphthalene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
n-Butylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
n-Propylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
o-Xylene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
p-Isopropyltoluene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Styrene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
tert-Butylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Tetrachloroethene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	12/09/11		H/J	SW8260
Toluene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Total Xylenes	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	12/09/11		H/J	SW8260
Trichloroethene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Trichlorofluoromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Trichlorotrifluoroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Vinyl chloride	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	12/09/11		H/J	70 - 130 %
% Bromofluorobenzene	89		%	12/09/11		H/J	70 - 130 %
% Dibromofluoromethane	102		%	12/09/11		H/J	70 - 130 %
% Toluene-d8	100		%	12/09/11		H/J	70 - 130 %
Semivolatiles							
1,2-Dichlorobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
1,3-Dichlorobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
1,4-Dichlorobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
2,4-Dinitrotoluene	ND	270	ug/Kg	12/07/11		DD	SW8270
2,6-Dinitrotoluene	ND	270	ug/Kg	12/07/11		DD	SW8270
2-Chloronaphthalene	ND	270	ug/Kg	12/07/11		DD	SW8270
2-Methylnaphthalene	ND	270	ug/Kg	12/07/11		DD	SW8270
2-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	1600	ug/Kg	12/07/11		DD	SW8270
3-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	270	ug/Kg	12/07/11		DD	SW8270
4-Chloroaniline	ND	270	ug/Kg	12/07/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	12/07/11		DD	SW8270
4-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
Acenaphthene	ND	270	ug/Kg	12/07/11		DD	SW8270
Acenaphthylene	ND	270	ug/Kg	12/07/11		DD	SW8270
Anthracene	ND	270	ug/Kg	12/07/11		DD	SW8270
Azobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
Benz(a)anthracene	ND	270	ug/Kg	12/07/11		DD	SW8270
Benzidine	ND	1600	ug/Kg	12/07/11		DD	SW8270
Benzo(a)pyrene	ND	270	ug/Kg	12/07/11		DD	SW8270
Benzo(b)fluoranthene	ND	270	ug/Kg	12/07/11		DD	SW8270
Benzo(ghi)perylene	ND	270	ug/Kg	12/07/11		DD	SW8270
Benzo(k)fluoranthene	ND	270	ug/Kg	12/07/11		DD	SW8270
Benzoic acid	ND	390	ug/Kg	12/07/11		DD	SW8270
Benzyl alcohol	ND	270	ug/Kg	12/07/11		DD	SW8270
Benzyl butyl phthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	12/07/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	270	ug/Kg	12/07/11		DD	SW8270

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B2 6-8

Phoenix I.D.: BB07955

Parameter	Result	RL	Units	Date	Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	12/07/11		DD	SW8270
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Chrysene	ND	270	ug/Kg	12/07/11		DD	SW8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	12/07/11		DD	SW8270
Dibenzofuran	ND	270	ug/Kg	12/07/11		DD	SW8270
Diethyl phthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Dimethylphthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Di-n-butylphthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Di-n-octylphthalate	ND	270	ug/Kg	12/07/11		DD	SW8270
Fluoranthene	ND	270	ug/Kg	12/07/11		DD	SW8270
Fluorene	ND	270	ug/Kg	12/07/11		DD	SW8270
Hexachlorobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
Hexachlorobutadiene	ND	270	ug/Kg	12/07/11		DD	SW8270
Hexachlorocyclopentadiene	ND	270	ug/Kg	12/07/11		DD	SW8270
Hexachloroethane	ND	270	ug/Kg	12/07/11		DD	SW8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	12/07/11		DD	SW8270
Isophorone	ND	270	ug/Kg	12/07/11		DD	SW8270
Naphthalene	ND	270	ug/Kg	12/07/11		DD	SW8270
Nitrobenzene	ND	270	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodimethylamine	ND	270	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodiphenylamine	ND	270	ug/Kg	12/07/11		DD	SW8270
Phenanthrene	ND	270	ug/Kg	12/07/11		DD	SW8270
Pyrene	ND	270	ug/Kg	12/07/11		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	74		%	12/07/11		DD	30 - 130 %
% Nitrobenzene-d5	75		%	12/07/11		DD	30 - 130 %
% Terphenyl-d14	87		%	12/07/11		DD	30 - 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

Phyllis Shiller, Laboratory Director
December 16, 2011

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07956

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B3 0-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	12/07/11		EK	6010/200.7
Aluminum	9090	55	mg/Kg	12/09/11		LK	6010/200.7
Arsenic	1.04	0.74	mg/Kg	12/07/11		EK	6010/200.7
Barium	80.1	0.37	mg/Kg	12/07/11		EK	6010/200.7
Beryllium	0.52	0.30	mg/Kg	12/07/11		EK	6010/200.7
Calcium	3710	55	mg/Kg	12/09/11		LK	6010/200.7
Cadmium	1.17	0.37	mg/Kg	12/07/11		EK	6010/200.7
Cobalt	8.37	0.37	mg/Kg	12/07/11		EK	6010/200.7
Chromium	21.8	0.37	mg/Kg	12/07/11		EK	6010/200.7
Copper	30.6	0.37	mg/kg	12/07/11		EK	6010/200.7
Iron	24300	55	mg/Kg	12/09/11		LK	6010/200.7
Mercury	0.12	0.08	mg/Kg	12/07/11		RS	SW-7471
Potassium	1110	55	mg/Kg	12/09/11		LK	6010/200.7
Magnesium	2390	55	mg/Kg	12/09/11		LK	6010/200.7
Manganese	533	3.7	mg/Kg	12/09/11		LK	6010/200.7
Sodium	194	5.5	mg/Kg	12/07/11		EK	6010/200.7
Nickel	17.2	0.37	mg/Kg	12/07/11		EK	6010/200.7
Lead	138	0.37	mg/Kg	12/07/11		EK	6010/200.7
Antimony	< 3.7	3.7	mg/Kg	12/07/11		EK	6010/200.7
Selenium	2.7	1.5	mg/Kg	12/07/11		EK	6010/200.7
Thallium	< 3.3	3.3	mg/Kg	12/07/11		EK	6010/200.7
Total Metals Digest	Completed			12/06/11		AG	SW846 - 3050
Vanadium	34.3	0.37	mg/Kg	12/07/11		EK	6010/200.7
Zinc	47.2	0.37	mg/Kg	12/07/11		EK	6010/200.7
Percent Solid	89		%	12/06/11		JL	E160.3
Soil Extraction for PCB	Completed			12/06/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/06/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/06/11		BS/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/07/11		D/D	SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1221	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1232	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1242	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1248	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1254	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1260	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1262	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1268	ND	370	ug/Kg	12/07/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	73		%	12/07/11		MH	30 - 150 %
% TCMX	65		%	12/07/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	36	ug/Kg	12/07/11		MR	SW8081
4,4' -DDE	ND	36	ug/Kg	12/07/11		MR	SW8081
4,4' -DDT	ND	36	ug/Kg	12/07/11		MR	SW8081
a-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Alachlor	ND	18	ug/Kg	12/07/11		MR	SW8081
Aldrin	ND	5.6	ug/Kg	12/07/11		MR	SW8081
b-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Chlordane	ND	56	ug/Kg	12/07/11		MR	SW8081
d-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Dieldrin	ND	5.6	ug/Kg	12/07/11		MR	SW8081
Endosulfan I	ND	18	ug/Kg	12/07/11		MR	SW8081
Endosulfan II	ND	36	ug/Kg	12/07/11		MR	SW8081
Endosulfan sulfate	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin aldehyde	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin ketone	ND	36	ug/Kg	12/07/11		MR	SW8081
g-BHC	ND	5.6	ug/Kg	12/07/11		MR	SW8081
Heptachlor	ND	11	ug/Kg	12/07/11		MR	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/07/11		MR	SW8081
Methoxychlor	ND	180	ug/Kg	12/07/11		MR	SW8081
Toxaphene	ND	180	ug/Kg	12/07/11		MR	SW8081
QA/QC Surrogates							
% DCBP	70		%	12/07/11		MR	40 - 140 %
% TCMX	71		%	12/07/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B3 0-2

Phoenix I.D.: BB07956

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2,4-Trimethylbenzene	5.6	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
2-Hexanone	ND	28	ug/Kg	12/09/11		H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	12/09/11		H/J	SW8260
Acetone	ND	28	ug/Kg	12/09/11		H/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/09/11		H/J	SW8260
Benzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Bromoform	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Chloroform	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
m&p-Xylene	6.5	5.6	ug/Kg	12/09/11		H/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	12/09/11		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/09/11		H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Naphthalene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
o-Xylene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Styrene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/09/11		H/J	SW8260
Toluene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Total Xylenes	6.5	5.6	ug/Kg	12/09/11		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/09/11		H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	12/09/11		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	12/09/11		H/J	70 - 130 %
% Bromofluorobenzene	90		%	12/09/11		H/J	70 - 130 %
% Dibromofluoromethane	102		%	12/09/11		H/J	70 - 130 %
% Toluene-d8	101		%	12/09/11		H/J	70 - 130 %
Semivolatiles							
1,2-Dichlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
1,3-Dichlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
1,4-Dichlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
2,4-Dinitrotoluene	ND	260	ug/Kg	12/07/11		DD	SW8270
2,6-Dinitrotoluene	ND	260	ug/Kg	12/07/11		DD	SW8270
2-Chloronaphthalene	ND	260	ug/Kg	12/07/11		DD	SW8270
2-Methylnaphthalene	ND	260	ug/Kg	12/07/11		DD	SW8270
2-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	12/07/11		DD	SW8270
3-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	260	ug/Kg	12/07/11		DD	SW8270
4-Chloroaniline	ND	260	ug/Kg	12/07/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	12/07/11		DD	SW8270
4-Nitroaniline	ND	1100	ug/Kg	12/07/11		DD	SW8270
Acenaphthene	ND	260	ug/Kg	12/07/11		DD	SW8270
Acenaphthylene	ND	260	ug/Kg	12/07/11		DD	SW8270
Anthracene	ND	260	ug/Kg	12/07/11		DD	SW8270
Azobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
Benz(a)anthracene	540	260	ug/Kg	12/07/11		DD	SW8270
Benzidine	ND	1500	ug/Kg	12/07/11		DD	SW8270
Benzo(a)pyrene	490	260	ug/Kg	12/07/11		DD	SW8270
Benzo(b)fluoranthene	660	260	ug/Kg	12/07/11		DD	SW8270
Benzo(ghi)perylene	ND	260	ug/Kg	12/07/11		DD	SW8270
Benzo(k)fluoranthene	280	260	ug/Kg	12/07/11		DD	SW8270
Benzoic acid	ND	370	ug/Kg	12/07/11		DD	SW8270
Benzyl alcohol	ND	260	ug/Kg	12/07/11		DD	SW8270
Benzyl butyl phthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	12/07/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	260	ug/Kg	12/07/11		DD	SW8270

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B3 0-2

Phoenix I.D.: BB07956

Parameter	Result	RL	Units	Date	Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	12/07/11		DD	SW8270
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Chrysene	510	260	ug/Kg	12/07/11		DD	SW8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	12/07/11		DD	SW8270
Dibenzofuran	ND	260	ug/Kg	12/07/11		DD	SW8270
Diethyl phthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Dimethylphthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Di-n-butylphthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Di-n-octylphthalate	ND	260	ug/Kg	12/07/11		DD	SW8270
Fluoranthene	1200	260	ug/Kg	12/07/11		DD	SW8270
Fluorene	ND	260	ug/Kg	12/07/11		DD	SW8270
Hexachlorobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
Hexachlorobutadiene	ND	260	ug/Kg	12/07/11		DD	SW8270
Hexachlorocyclopentadiene	ND	260	ug/Kg	12/07/11		DD	SW8270
Hexachloroethane	ND	260	ug/Kg	12/07/11		DD	SW8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	12/07/11		DD	SW8270
Isophorone	ND	260	ug/Kg	12/07/11		DD	SW8270
Naphthalene	ND	260	ug/Kg	12/07/11		DD	SW8270
Nitrobenzene	ND	260	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodimethylamine	ND	260	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	12/07/11		DD	SW8270
N-Nitrosodiphenylamine	ND	260	ug/Kg	12/07/11		DD	SW8270
Phenanthrene	740	260	ug/Kg	12/07/11		DD	SW8270
Pyrene	990	260	ug/Kg	12/07/11		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	78		%	12/07/11		DD	30 - 130 %
% Nitrobenzene-d5	79		%	12/07/11		DD	30 - 130 %
% Terphenyl-d14	92		%	12/07/11		DD	30 - 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

Phyllis Shiller, Laboratory Director
December 16, 2011

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07957

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B3 4-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	12/07/11		EK	6010/200.7
Aluminum	9010	58	mg/Kg	12/09/11		LK	6010/200.7
Arsenic	2.93	0.77	mg/Kg	12/07/11		EK	6010/200.7
Barium	104	0.39	mg/Kg	12/07/11		EK	6010/200.7
Beryllium	0.54	0.31	mg/Kg	12/07/11		EK	6010/200.7
Calcium	23500	58	mg/Kg	12/09/11		LK	6010/200.7
Cadmium	0.88	0.39	mg/Kg	12/07/11		EK	6010/200.7
Cobalt	7.64	0.39	mg/Kg	12/07/11		EK	6010/200.7
Chromium	26.3	0.39	mg/Kg	12/07/11		EK	6010/200.7
Copper	25.2	0.39	mg/kg	12/07/11		EK	6010/200.7
Iron	19000	58	mg/Kg	12/09/11		LK	6010/200.7
Mercury	0.31	0.09	mg/Kg	12/07/11		RS	SW-7471
Potassium	1200	58	mg/Kg	12/09/11		LK	6010/200.7
Magnesium	3020	58	mg/Kg	12/09/11		LK	6010/200.7
Manganese	352	3.9	mg/Kg	12/09/11		LK	6010/200.7
Sodium	369	5.8	mg/Kg	12/07/11		EK	6010/200.7
Nickel	16.6	0.39	mg/Kg	12/07/11		EK	6010/200.7
Lead	103	0.39	mg/Kg	12/07/11		EK	6010/200.7
Antimony	< 3.9	3.9	mg/Kg	12/07/11		EK	6010/200.7
Selenium	2.7	1.5	mg/Kg	12/07/11		EK	6010/200.7
Thallium	< 3.5	3.5	mg/Kg	12/07/11		EK	6010/200.7
Total Metals Digest	Completed			12/06/11		AG	SW846 - 3050
Vanadium	30.9	0.39	mg/Kg	12/07/11		EK	6010/200.7
Zinc	35.8	0.39	mg/Kg	12/07/11		EK	6010/200.7
Percent Solid	85		%	12/06/11		JL	E160.3
Soil Extraction for PCB	Completed			12/06/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/06/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/06/11		BS/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/07/11		D/D	SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	390	ug/Kg	12/07/11		MH	SW 8082
PCB-1221	ND	390	ug/Kg	12/07/11		MH	SW 8082
PCB-1232	ND	390	ug/Kg	12/07/11		MH	SW 8082
PCB-1242	ND	390	ug/Kg	12/07/11		MH	SW 8082
PCB-1248	ND	390	ug/Kg	12/07/11		MH	SW 8082
PCB-1254	ND	390	ug/Kg	12/07/11		MH	SW 8082
PCB-1260	ND	390	ug/Kg	12/07/11		MH	SW 8082
PCB-1262	ND	390	ug/Kg	12/07/11		MH	SW 8082
PCB-1268	ND	390	ug/Kg	12/07/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	76		%	12/07/11		MH	30 - 150 %
% TCMX	71		%	12/07/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	37	ug/Kg	12/07/11		MR	SW8081
4,4' -DDE	ND	37	ug/Kg	12/07/11		MR	SW8081
4,4' -DDT	ND	37	ug/Kg	12/07/11		MR	SW8081
a-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Alachlor	ND	18	ug/Kg	12/07/11		MR	SW8081
Aldrin	ND	5.8	ug/Kg	12/07/11		MR	SW8081
b-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Chlordane	ND	58	ug/Kg	12/07/11		MR	SW8081
d-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Dieldrin	ND	5.8	ug/Kg	12/07/11		MR	SW8081
Endosulfan I	ND	18	ug/Kg	12/07/11		MR	SW8081
Endosulfan II	ND	37	ug/Kg	12/07/11		MR	SW8081
Endosulfan sulfate	ND	37	ug/Kg	12/07/11		MR	SW8081
Endrin	ND	37	ug/Kg	12/07/11		MR	SW8081
Endrin aldehyde	ND	37	ug/Kg	12/07/11		MR	SW8081
Endrin ketone	ND	37	ug/Kg	12/07/11		MR	SW8081
g-BHC	ND	5.8	ug/Kg	12/07/11		MR	SW8081
Heptachlor	ND	12	ug/Kg	12/07/11		MR	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/07/11		MR	SW8081
Methoxychlor	ND	180	ug/Kg	12/07/11		MR	SW8081
Toxaphene	ND	180	ug/Kg	12/07/11		MR	SW8081
QA/QC Surrogates							
% DCBP	67		%	12/07/11		MR	40 - 140 %
% TCMX	66		%	12/07/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1,1-Trichloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1,2-Trichloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloroethene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,1-Dichloropropene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2,3-Trichloropropane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,2-Dichloropropane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,3-Dichlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,3-Dichloropropane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
1,4-Dichlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
2,2-Dichloropropane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
2-Chlorotoluene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
2-Hexanone	ND	29	ug/Kg	12/09/11		H/J	SW8260
2-Isopropyltoluene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
4-Chlorotoluene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	12/09/11		H/J	SW8260
Acetone	ND	29	ug/Kg	12/09/11		H/J	SW8260
Acrylonitrile	ND	12	ug/Kg	12/09/11		H/J	SW8260
Benzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Bromobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Bromochloromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Bromodichloromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Bromoform	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Bromomethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Carbon Disulfide	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Carbon tetrachloride	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Chlorobenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Chloroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Chloroform	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Chloromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Dibromochloromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Dibromoethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Dibromomethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Dichlorodifluoromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Ethylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Hexachlorobutadiene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Isopropylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
m&p-Xylene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	12/09/11		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	12/09/11		H/J	SW8260
Methylene chloride	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Naphthalene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
n-Butylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
n-Propylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
o-Xylene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
p-Isopropyltoluene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Styrene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
tert-Butylbenzene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Tetrachloroethene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	12/09/11		H/J	SW8260
Toluene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Total Xylenes	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	12/09/11		H/J	SW8260
Trichloroethene	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Trichlorofluoromethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Trichlorotrifluoroethane	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
Vinyl chloride	ND	5.9	ug/Kg	12/09/11		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	12/09/11		H/J	70 - 130 %
% Bromofluorobenzene	88		%	12/09/11		H/J	70 - 130 %
% Dibromofluoromethane	100		%	12/09/11		H/J	70 - 130 %
% Toluene-d8	99		%	12/09/11		H/J	70 - 130 %
Semivolatiles							
1,2-Dichlorobenzene	ND	270	ug/Kg	12/08/11		DD	SW8270
1,3-Dichlorobenzene	ND	270	ug/Kg	12/08/11		DD	SW8270
1,4-Dichlorobenzene	ND	270	ug/Kg	12/08/11		DD	SW8270
2,4-Dinitrotoluene	ND	270	ug/Kg	12/08/11		DD	SW8270
2,6-Dinitrotoluene	ND	270	ug/Kg	12/08/11		DD	SW8270
2-Chloronaphthalene	ND	270	ug/Kg	12/08/11		DD	SW8270
2-Methylnaphthalene	ND	270	ug/Kg	12/08/11		DD	SW8270
2-Nitroaniline	ND	1100	ug/Kg	12/08/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	12/08/11		DD	SW8270
3-Nitroaniline	ND	1100	ug/Kg	12/08/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	270	ug/Kg	12/08/11		DD	SW8270
4-Chloroaniline	ND	270	ug/Kg	12/08/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	12/08/11		DD	SW8270
4-Nitroaniline	ND	1100	ug/Kg	12/08/11		DD	SW8270
Acenaphthene	ND	270	ug/Kg	12/08/11		DD	SW8270
Acenaphthylene	ND	270	ug/Kg	12/08/11		DD	SW8270
Anthracene	ND	270	ug/Kg	12/08/11		DD	SW8270
Azobenzene	ND	270	ug/Kg	12/08/11		DD	SW8270
Benz(a)anthracene	ND	270	ug/Kg	12/08/11		DD	SW8270
Benzidine	ND	1500	ug/Kg	12/08/11		DD	SW8270
Benzo(a)pyrene	ND	270	ug/Kg	12/08/11		DD	SW8270
Benzo(b)fluoranthene	ND	270	ug/Kg	12/08/11		DD	SW8270
Benzo(ghi)perylene	ND	270	ug/Kg	12/08/11		DD	SW8270
Benzo(k)fluoranthene	ND	270	ug/Kg	12/08/11		DD	SW8270
Benzoic acid	ND	380	ug/Kg	12/08/11		DD	SW8270
Benzyl alcohol	ND	270	ug/Kg	12/08/11		DD	SW8270
Benzyl butyl phthalate	ND	270	ug/Kg	12/08/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	12/08/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	270	ug/Kg	12/08/11		DD	SW8270

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B3 4-6

Phoenix I.D.: BB07957

Parameter	Result	RL	Units	Date	Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	12/08/11		DD	SW8270
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	12/08/11		DD	SW8270
Chrysene	ND	270	ug/Kg	12/08/11		DD	SW8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	12/08/11		DD	SW8270
Dibenzofuran	ND	270	ug/Kg	12/08/11		DD	SW8270
Diethyl phthalate	ND	270	ug/Kg	12/08/11		DD	SW8270
Dimethylphthalate	ND	270	ug/Kg	12/08/11		DD	SW8270
Di-n-butylphthalate	ND	270	ug/Kg	12/08/11		DD	SW8270
Di-n-octylphthalate	ND	270	ug/Kg	12/08/11		DD	SW8270
Fluoranthene	ND	270	ug/Kg	12/08/11		DD	SW8270
Fluorene	ND	270	ug/Kg	12/08/11		DD	SW8270
Hexachlorobenzene	ND	270	ug/Kg	12/08/11		DD	SW8270
Hexachlorobutadiene	ND	270	ug/Kg	12/08/11		DD	SW8270
Hexachlorocyclopentadiene	ND	270	ug/Kg	12/08/11		DD	SW8270
Hexachloroethane	ND	270	ug/Kg	12/08/11		DD	SW8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	12/08/11		DD	SW8270
Isophorone	ND	270	ug/Kg	12/08/11		DD	SW8270
Naphthalene	ND	270	ug/Kg	12/08/11		DD	SW8270
Nitrobenzene	ND	270	ug/Kg	12/08/11		DD	SW8270
N-Nitrosodimethylamine	ND	270	ug/Kg	12/08/11		DD	SW8270
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	12/08/11		DD	SW8270
N-Nitrosodiphenylamine	ND	270	ug/Kg	12/08/11		DD	SW8270
Phenanthrene	ND	270	ug/Kg	12/08/11		DD	SW8270
Pyrene	ND	270	ug/Kg	12/08/11		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	74		%	12/08/11		DD	30 - 130 %
% Nitrobenzene-d5	81		%	12/08/11		DD	30 - 130 %
% Terphenyl-d14	85		%	12/08/11		DD	30 - 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

Phyllis Shiller, Laboratory Director
December 16, 2011

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07958

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B4 0-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	12/07/11		EK	6010/200.7
Aluminum	6850	53	mg/Kg	12/09/11		LK	6010/200.7
Arsenic	3.57	0.71	mg/Kg	12/07/11		EK	6010/200.7
Barium	106	0.36	mg/Kg	12/07/11		EK	6010/200.7
Beryllium	0.38	0.28	mg/Kg	12/07/11		EK	6010/200.7
Calcium	8790	53	mg/Kg	12/09/11		LK	6010/200.7
Cadmium	1.49	0.36	mg/Kg	12/07/11		EK	6010/200.7
Cobalt	6.21	0.36	mg/Kg	12/07/11		EK	6010/200.7
Chromium	12.6	0.36	mg/Kg	12/07/11		EK	6010/200.7
Copper	28.5	0.36	mg/kg	12/07/11		EK	6010/200.7
Iron	16800	53	mg/Kg	12/09/11		LK	6010/200.7
Mercury	0.17	0.09	mg/Kg	12/07/11		RS	SW-7471
Potassium	1160	53	mg/Kg	12/09/11		LK	6010/200.7
Magnesium	2900	53	mg/Kg	12/09/11		LK	6010/200.7
Manganese	300	3.6	mg/Kg	12/09/11		LK	6010/200.7
Sodium	115	5.3	mg/Kg	12/07/11		EK	6010/200.7
Nickel	14.1	0.36	mg/Kg	12/07/11		EK	6010/200.7
Lead	124	0.36	mg/Kg	12/07/11		EK	6010/200.7
Antimony	< 3.6	3.6	mg/Kg	12/07/11		EK	6010/200.7
Selenium	1.8	1.4	mg/Kg	12/07/11		EK	6010/200.7
Thallium	< 3.2	3.2	mg/Kg	12/07/11		EK	6010/200.7
Total Metals Digest	Completed			12/06/11		AG	SW846 - 3050
Vanadium	22.8	0.36	mg/Kg	12/07/11		EK	6010/200.7
Zinc	225	3.6	mg/Kg	12/09/11		LK	6010/200.7
Percent Solid	89		%	12/06/11		JL	E160.3
Soil Extraction for PCB	Completed			12/06/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/06/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/06/11		BS/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/07/11		D/D	SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1221	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1232	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1242	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1248	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1254	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1260	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1262	ND	370	ug/Kg	12/07/11		MH	SW 8082
PCB-1268	ND	370	ug/Kg	12/07/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	68		%	12/07/11		MH	30 - 150 %
% TCMX	62		%	12/07/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	35	ug/Kg	12/07/11		MR	SW8081
4,4' -DDE	ND	35	ug/Kg	12/07/11		MR	SW8081
4,4' -DDT	ND	35	ug/Kg	12/07/11		MR	SW8081
a-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Alachlor	ND	18	ug/Kg	12/07/11		MR	SW8081
Aldrin	ND	5.5	ug/Kg	12/07/11		MR	SW8081
b-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Chlordane	ND	55	ug/Kg	12/07/11		MR	SW8081
d-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Dieldrin	ND	5.5	ug/Kg	12/07/11		MR	SW8081
Endosulfan I	ND	18	ug/Kg	12/07/11		MR	SW8081
Endosulfan II	ND	35	ug/Kg	12/07/11		MR	SW8081
Endosulfan sulfate	ND	35	ug/Kg	12/07/11		MR	SW8081
Endrin	ND	35	ug/Kg	12/07/11		MR	SW8081
Endrin aldehyde	ND	35	ug/Kg	12/07/11		MR	SW8081
Endrin ketone	ND	35	ug/Kg	12/07/11		MR	SW8081
g-BHC	ND	5.5	ug/Kg	12/07/11		MR	SW8081
Heptachlor	ND	11	ug/Kg	12/07/11		MR	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/07/11		MR	SW8081
Methoxychlor	ND	180	ug/Kg	12/07/11		MR	SW8081
Toxaphene	ND	180	ug/Kg	12/07/11		MR	SW8081
QA/QC Surrogates							
% DCBP	62		%	12/07/11		MR	40 - 140 %
% TCMX	64		%	12/07/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	12/10/11		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	12/10/11		R/J	SW8260
Acetone	97	28	ug/Kg	12/10/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/10/11		R/J	SW8260
Benzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	12/10/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/10/11		R/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Naphthalene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Styrene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/10/11		R/J	SW8260
Toluene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/10/11		R/J	SW8260
Trichloroethene	7.9	5.6	ug/Kg	12/10/11		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	12/10/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	12/10/11		R/J	70 - 130 %
% Bromofluorobenzene	95		%	12/10/11		R/J	70 - 130 %
% Dibromofluoromethane	99		%	12/10/11		R/J	70 - 130 %
% Toluene-d8	100		%	12/10/11		R/J	70 - 130 %
Semivolatiles							
1,2-Dichlorobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
1,3-Dichlorobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
1,4-Dichlorobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
2,4-Dinitrotoluene	ND	260	ug/Kg	12/08/11		DD	SW8270
2,6-Dinitrotoluene	ND	260	ug/Kg	12/08/11		DD	SW8270
2-Chloronaphthalene	ND	260	ug/Kg	12/08/11		DD	SW8270
2-Methylnaphthalene	ND	260	ug/Kg	12/08/11		DD	SW8270
2-Nitroaniline	ND	1100	ug/Kg	12/08/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	12/08/11		DD	SW8270
3-Nitroaniline	ND	1100	ug/Kg	12/08/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	260	ug/Kg	12/08/11		DD	SW8270
4-Chloroaniline	ND	260	ug/Kg	12/08/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	12/08/11		DD	SW8270
4-Nitroaniline	ND	1100	ug/Kg	12/08/11		DD	SW8270
Acenaphthene	ND	260	ug/Kg	12/08/11		DD	SW8270
Acenaphthylene	ND	260	ug/Kg	12/08/11		DD	SW8270
Anthracene	550	260	ug/Kg	12/08/11		DD	SW8270
Azobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
Benz(a)anthracene	1500	260	ug/Kg	12/08/11		DD	SW8270
Benzidine	ND	1500	ug/Kg	12/08/11		DD	SW8270
Benzo(a)pyrene	1300	260	ug/Kg	12/08/11		DD	SW8270
Benzo(b)fluoranthene	1600	260	ug/Kg	12/08/11		DD	SW8270
Benzo(ghi)perylene	750	260	ug/Kg	12/08/11		DD	SW8270
Benzo(k)fluoranthene	630	260	ug/Kg	12/08/11		DD	SW8270
Benzoic acid	ND	370	ug/Kg	12/08/11		DD	SW8270
Benzyl alcohol	ND	260	ug/Kg	12/08/11		DD	SW8270
Benzyl butyl phthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	12/08/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	260	ug/Kg	12/08/11		DD	SW8270

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B4 0-2

Phoenix I.D.: BB07958

Parameter	Result	RL	Units	Date	Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	12/08/11		DD	SW8270
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Chrysene	1400	260	ug/Kg	12/08/11		DD	SW8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	12/08/11		DD	SW8270
Dibenzofuran	ND	260	ug/Kg	12/08/11		DD	SW8270
Diethyl phthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Dimethylphthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Di-n-butylphthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Di-n-octylphthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Fluoranthene	3400	260	ug/Kg	12/08/11		DD	SW8270
Fluorene	ND	260	ug/Kg	12/08/11		DD	SW8270
Hexachlorobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
Hexachlorobutadiene	ND	260	ug/Kg	12/08/11		DD	SW8270
Hexachlorocyclopentadiene	ND	260	ug/Kg	12/08/11		DD	SW8270
Hexachloroethane	ND	260	ug/Kg	12/08/11		DD	SW8270
Indeno(1,2,3-cd)pyrene	670	260	ug/Kg	12/08/11		DD	SW8270
Isophorone	ND	260	ug/Kg	12/08/11		DD	SW8270
Naphthalene	ND	260	ug/Kg	12/08/11		DD	SW8270
Nitrobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
N-Nitrosodimethylamine	ND	260	ug/Kg	12/08/11		DD	SW8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	12/08/11		DD	SW8270
N-Nitrosodiphenylamine	ND	260	ug/Kg	12/08/11		DD	SW8270
Phenanthrene	2500	260	ug/Kg	12/08/11		DD	SW8270
Pyrene	2700	260	ug/Kg	12/08/11		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	78		%	12/08/11		DD	30 - 130 %
% Nitrobenzene-d5	81		%	12/08/11		DD	30 - 130 %
% Terphenyl-d14	86		%	12/08/11		DD	30 - 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

Phyllis Shiller, Laboratory Director
December 16, 2011

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07959

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B4 4-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	12/07/11		EK	6010/200.7
Aluminum	3830	55	mg/Kg	12/09/11		LK	6010/200.7
Arsenic	< 0.74	0.74	mg/Kg	12/07/11		EK	6010/200.7
Barium	19.4	0.37	mg/Kg	12/07/11		EK	6010/200.7
Beryllium	< 0.29	0.29	mg/Kg	12/07/11		EK	6010/200.7
Calcium	841	55	mg/Kg	12/09/11		LK	6010/200.7
Cadmium	0.46	0.37	mg/Kg	12/07/11		EK	6010/200.7
Cobalt	4.73	0.37	mg/Kg	12/07/11		EK	6010/200.7
Chromium	10.2	0.37	mg/Kg	12/07/11		EK	6010/200.7
Copper	10.1	0.37	mg/kg	12/07/11		EK	6010/200.7
Iron	6350	5.5	mg/Kg	12/07/11		EK	6010/200.7
Mercury	< 0.10	0.10	mg/Kg	12/07/11		RS	SW-7471
Potassium	624	55	mg/Kg	12/09/11		LK	6010/200.7
Magnesium	1420	55	mg/Kg	12/09/11		LK	6010/200.7
Manganese	223	3.7	mg/Kg	12/09/11		LK	6010/200.7
Sodium	154	5.5	mg/Kg	12/07/11		EK	6010/200.7
Nickel	9.68	0.37	mg/Kg	12/07/11		EK	6010/200.7
Lead	8.40	0.37	mg/Kg	12/07/11		EK	6010/200.7
Antimony	< 3.7	3.7	mg/Kg	12/07/11		EK	6010/200.7
Selenium	< 1.5	1.5	mg/Kg	12/07/11		EK	6010/200.7
Thallium	< 3.3	3.3	mg/Kg	12/07/11		EK	6010/200.7
Total Metals Digest	Completed			12/06/11		AG	SW846 - 3050
Vanadium	14.6	0.37	mg/Kg	12/07/11		EK	6010/200.7
Zinc	20.8	0.37	mg/Kg	12/07/11		EK	6010/200.7
Percent Solid	87		%	12/06/11		JL	E160.3
Soil Extraction for PCB	Completed			12/06/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/06/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/06/11		BS/R	SW3545

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/07/11		D/D	SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1221	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1232	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1242	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1248	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1254	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1260	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1262	ND	380	ug/Kg	12/07/11		MH	SW 8082
PCB-1268	ND	380	ug/Kg	12/07/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	72		%	12/07/11		MH	30 - 150 %
% TCMX	64		%	12/07/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	36	ug/Kg	12/07/11		MR	SW8081
4,4' -DDE	ND	36	ug/Kg	12/07/11		MR	SW8081
4,4' -DDT	ND	36	ug/Kg	12/07/11		MR	SW8081
a-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Alachlor	ND	18	ug/Kg	12/07/11		MR	SW8081
Aldrin	ND	5.7	ug/Kg	12/07/11		MR	SW8081
b-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Chlordane	ND	57	ug/Kg	12/07/11		MR	SW8081
d-BHC	ND	18	ug/Kg	12/07/11		MR	SW8081
Dieldrin	ND	5.7	ug/Kg	12/07/11		MR	SW8081
Endosulfan I	ND	18	ug/Kg	12/07/11		MR	SW8081
Endosulfan II	ND	36	ug/Kg	12/07/11		MR	SW8081
Endosulfan sulfate	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin aldehyde	ND	36	ug/Kg	12/07/11		MR	SW8081
Endrin ketone	ND	36	ug/Kg	12/07/11		MR	SW8081
g-BHC	ND	5.7	ug/Kg	12/07/11		MR	SW8081
Heptachlor	ND	11	ug/Kg	12/07/11		MR	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/07/11		MR	SW8081
Methoxychlor	ND	180	ug/Kg	12/07/11		MR	SW8081
Toxaphene	ND	180	ug/Kg	12/07/11		MR	SW8081
QA/QC Surrogates							
% DCBP	65		%	12/07/11		MR	40 - 140 %
% TCMX	64		%	12/07/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2,3-Trichloropropane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
2-Hexanone	ND	29	ug/Kg	12/10/11		R/J	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	12/10/11		R/J	SW8260
Acetone	ND	29	ug/Kg	12/10/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/10/11		R/J	SW8260
Benzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Bromobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Bromochloromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Bromoform	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Bromomethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Chlorobenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Chloroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Chloroform	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Chloromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Dibromochloromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Dibromoethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Dibromomethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Ethylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
m&p-Xylene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	12/10/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/10/11		R/J	SW8260
Methylene chloride	ND	11	ug/Kg	12/10/11		R/J	SW8260
Naphthalene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
o-Xylene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Styrene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/10/11		R/J	SW8260
Toluene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Total Xylenes	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/10/11		R/J	SW8260
Trichloroethene	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
Vinyl chloride	ND	5.7	ug/Kg	12/10/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	12/10/11		R/J	70 - 130 %
% Bromofluorobenzene	89		%	12/10/11		R/J	70 - 130 %
% Dibromofluoromethane	103		%	12/10/11		R/J	70 - 130 %
% Toluene-d8	100		%	12/10/11		R/J	70 - 130 %
Semivolatiles							
1,2-Dichlorobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
1,3-Dichlorobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
1,4-Dichlorobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
2,4-Dinitrotoluene	ND	260	ug/Kg	12/08/11		DD	SW8270
2,6-Dinitrotoluene	ND	260	ug/Kg	12/08/11		DD	SW8270
2-Chloronaphthalene	ND	260	ug/Kg	12/08/11		DD	SW8270
2-Methylnaphthalene	ND	260	ug/Kg	12/08/11		DD	SW8270
2-Nitroaniline	ND	1100	ug/Kg	12/08/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	12/08/11		DD	SW8270
3-Nitroaniline	ND	1100	ug/Kg	12/08/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	260	ug/Kg	12/08/11		DD	SW8270
4-Chloroaniline	ND	260	ug/Kg	12/08/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	12/08/11		DD	SW8270
4-Nitroaniline	ND	1100	ug/Kg	12/08/11		DD	SW8270
Acenaphthene	ND	260	ug/Kg	12/08/11		DD	SW8270
Acenaphthylene	ND	260	ug/Kg	12/08/11		DD	SW8270
Anthracene	270	260	ug/Kg	12/08/11		DD	SW8270
Azobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
Benz(a)anthracene	600	260	ug/Kg	12/08/11		DD	SW8270
Benzidine	ND	1500	ug/Kg	12/08/11		DD	SW8270
Benzo(a)pyrene	520	260	ug/Kg	12/08/11		DD	SW8270
Benzo(b)fluoranthene	670	260	ug/Kg	12/08/11		DD	SW8270
Benzo(ghi)perylene	350	260	ug/Kg	12/08/11		DD	SW8270
Benzo(k)fluoranthene	270	260	ug/Kg	12/08/11		DD	SW8270
Benzoic acid	ND	380	ug/Kg	12/08/11		DD	SW8270
Benzyl alcohol	ND	260	ug/Kg	12/08/11		DD	SW8270
Benzyl butyl phthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	12/08/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	260	ug/Kg	12/08/11		DD	SW8270

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B4 4-6

Phoenix I.D.: BB07959

Parameter	Result	RL	Units	Date	Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	12/08/11		DD	SW8270
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Chrysene	590	260	ug/Kg	12/08/11		DD	SW8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	12/08/11		DD	SW8270
Dibenzofuran	ND	260	ug/Kg	12/08/11		DD	SW8270
Diethyl phthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Dimethylphthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Di-n-butylphthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Di-n-octylphthalate	ND	260	ug/Kg	12/08/11		DD	SW8270
Fluoranthene	1600	260	ug/Kg	12/08/11		DD	SW8270
Fluorene	ND	260	ug/Kg	12/08/11		DD	SW8270
Hexachlorobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
Hexachlorobutadiene	ND	260	ug/Kg	12/08/11		DD	SW8270
Hexachlorocyclopentadiene	ND	260	ug/Kg	12/08/11		DD	SW8270
Hexachloroethane	ND	260	ug/Kg	12/08/11		DD	SW8270
Indeno(1,2,3-cd)pyrene	290	260	ug/Kg	12/08/11		DD	SW8270
Isophorone	ND	260	ug/Kg	12/08/11		DD	SW8270
Naphthalene	ND	260	ug/Kg	12/08/11		DD	SW8270
Nitrobenzene	ND	260	ug/Kg	12/08/11		DD	SW8270
N-Nitrosodimethylamine	ND	260	ug/Kg	12/08/11		DD	SW8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	12/08/11		DD	SW8270
N-Nitrosodiphenylamine	ND	260	ug/Kg	12/08/11		DD	SW8270
Phenanthrene	1400	260	ug/Kg	12/08/11		DD	SW8270
Pyrene	1300	260	ug/Kg	12/08/11		DD	SW8270
QA/QC Surrogates							
% 2-Fluorobiphenyl	75		%	12/08/11		DD	30 - 130 %
% Nitrobenzene-d5	81		%	12/08/11		DD	30 - 130 %
% Terphenyl-d14	88		%	12/08/11		DD	30 - 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

Phyllis Shiller, Laboratory Director
December 16, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07960

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B1

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	12/11/11		LK	6010/200.7
Aluminum	50.5	0.10	mg/L	12/12/11		EK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	12/11/11		LK	6010/200.7
Barium	0.391	0.002	mg/L	12/11/11		LK	6010/200.7
Beryllium	0.002	0.001	mg/L	12/11/11		LK	6010/200.7
Calcium	85.1	0.010	mg/L	12/11/11		LK	6010/200.7
Cadmium	0.004	0.001	mg/L	12/11/11		LK	6010/200.7
Cobalt	0.039	0.002	mg/L	12/11/11		LK	6010/200.7
Chromium	0.126	0.001	mg/L	12/11/11		LK	6010/200.7
Copper	0.181	0.001	mg/L	12/11/11		LK	6010/200.7
Iron	89.7	0.010	mg/L	12/11/11		LK	6010/200.7
Mercury	0.0004	0.0002	mg/L	12/07/11		RS	7470/E245.1
Potassium	19.0	0.1	mg/L	12/11/11		LK	6010/200.7
Magnesium	27.6	0.01	mg/L	12/11/11		LK	6010/200.7
Manganese	2.12	0.001	mg/L	12/11/11		LK	6010/200.7
Sodium	309	1.0	mg/L	12/12/11		EK	6010/200.7
Nickel	0.076	0.001	mg/L	12/11/11		LK	6010/200.7
Lead	0.463	0.002	mg/L	12/11/11		LK	6010/200.7
Antimony	< 0.005	0.005	mg/L	12/11/11		LK	6010/200.7
Selenium	0.020	0.010	mg/L	12/11/11		LK	6010/200.7
Thallium	< 0.002	0.002	mg/L	12/14/11		RS	SW7010/200.9
Total Metals Digestion	Completed			12/06/11		AG	
Vanadium	0.133	0.002	mg/L	12/11/11		LK	6010/200.7
Zinc	0.351	0.002	mg/L	12/11/11		LK	6010/200.7
Mercury Digestion	Completed			12/07/11			7471/245.1
PCB Extraction	Completed			12/06/11		T/T	SW3510C
Extraction for Pest (2 Liter)	Completed			12/06/11		T/T	SW3510
Semi-Volatile Extraction	Completed			12/06/11		f/K	SW3520

Parameter	Result	RL	Units	Date	Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	0.10	ug/L	12/07/11		MH	608/ 8082
PCB-1221	ND	0.10	ug/L	12/07/11		MH	608/ 8082
PCB-1232	ND	0.10	ug/L	12/07/11		MH	608/ 8082
PCB-1242	ND	0.10	ug/L	12/07/11		MH	608/ 8082
PCB-1248	ND	0.10	ug/L	12/07/11		MH	608/ 8082
PCB-1254	ND	0.10	ug/L	12/07/11		MH	608/ 8082
PCB-1260	ND	0.10	ug/L	12/07/11		MH	608/ 8082
PCB-1262	ND	0.10	ug/L	12/07/11		MH	608/ 8082
PCB-1268	ND	0.10	ug/L	12/07/11		MH	608/ 8082
QA/QC Surrogates							
% DCBP	79		%	12/07/11		MH	30 - 150 %
% TCMX	83		%	12/07/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	0.02	ug/L	12/09/11		MR	SW8081
4,4' -DDE	ND	0.02	ug/L	12/09/11		MR	SW8081
4,4' -DDT	ND	0.02	ug/L	12/09/11		MR	SW8081
a-BHC	ND	0.05	ug/L	12/09/11		MR	SW8081
Alachlor	ND	0.1	ug/L	12/09/11		MR	SW8081
Aldrin	ND	0.01	ug/L	12/09/11		MR	SW8081
b-BHC	ND	0.05	ug/L	12/09/11		MR	SW8081
Chlordane	ND	0.1	ug/L	12/09/11		MR	SW8081
d-BHC	ND	0.05	ug/L	12/09/11		MR	SW8081
Dieldrin	ND	0.01	ug/L	12/09/11		MR	SW8081
Endosulfan I	ND	0.1	ug/L	12/09/11		MR	SW8081
Endosulfan II	ND	0.1	ug/L	12/09/11		MR	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	12/09/11		MR	SW8081
Endrin	ND	0.1	ug/L	12/09/11		MR	SW8081
Endrin Aldehyde	ND	0.1	ug/L	12/09/11		MR	SW8081
Endrin ketone	ND	0.1	ug/L	12/09/11		MR	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	12/09/11		MR	SW8081
Heptachlor	ND	0.02	ug/L	12/09/11		MR	SW8081
Heptachlor epoxide	ND	0.02	ug/L	12/09/11		MR	SW8081
Methoxychlor	ND	0.1	ug/L	12/09/11		MR	SW8081
Toxaphene	ND	1.5	ug/L	12/09/11		MR	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	75		%	12/09/11		MR	40 - 140 %
%TCMX (Surrogate Rec)	73		%	12/09/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/07/11		R/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
2-Hexanone	ND	5.0	ug/L	12/07/11		R/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/07/11		R/T	SW8260
Acetone	ND	25	ug/L	12/07/11		R/T	SW8260
Acrylonitrile	ND	5.0	ug/L	12/07/11		R/T	SW8260
Benzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromochloromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/07/11		R/T	SW8260
Bromoform	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromomethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/07/11		R/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/07/11		R/T	SW8260
Chlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Chloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Chloroform	1.0	1.0	ug/L	12/07/11		R/T	SW8260
Chloromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
cis-1,2-Dichloroethene	1.9	1.0	ug/L	12/07/11		R/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/07/11		R/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/07/11		R/T	SW8260
Dibromoethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Dibromomethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Ethylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/07/11		R/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
m&p-Xylene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/07/11		R/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/07/11		R/T	SW8260
Methylene chloride	ND	1.0	ug/L	12/07/11		R/T	SW8260
Naphthalene	ND	1.0	ug/L	12/07/11		R/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
o-Xylene	ND	1.0	ug/L	12/07/11		R/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference	
Styrene	ND	1.0	ug/L	12/07/11		R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260	
Tetrachloroethene	24	1.0	ug/L	12/07/11		R/T	SW8260	
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/07/11		R/T	SW8260	
Toluene	ND	1.0	ug/L	12/07/11		R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	12/07/11		R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/07/11		R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/07/11		R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/07/11		R/T	SW8260	
Trichloroethene	4.4	1.0	ug/L	12/07/11		R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	12/07/11		R/T	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	12/07/11		R/T	70 - 130 %	
% Bromofluorobenzene	90		%	12/07/11		R/T	70 - 130 %	
% Dibromofluoromethane	95		%	12/07/11		R/T	70 - 130 %	
% Toluene-d8	97		%	12/07/11		R/T	70 - 130 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,2-Dichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,2-Diphenylhydrazine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,3-Dichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,4-Dichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2,4-Dinitrotoluene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2,6-Dinitrotoluene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2-Chloronaphthalene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2-Methylnaphthalene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2-Nitroaniline	ND	50	ug/L	12/08/11		DD	SW8270/E625	
3,3'-Dichlorobenzidine	ND	20	ug/L	12/08/11		DD	SW8270/E625	
3-Nitroaniline	ND	50	ug/L	12/08/11		DD	SW8270/E625	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
4-Chloroaniline	ND	20	ug/L	12/08/11		DD	SW8270/E625	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
4-Nitroaniline	ND	50	ug/L	12/08/11		DD	SW8270/E625	
Acenaphthene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Anthracene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Benzidine	ND	20	ug/L	12/08/11		DD	SW8270/E625	
Benzo(ghi)perylene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Benzoic acid	ND	50	ug/L	12/08/11		DD	SW8270/E625	
Benzyl Alcohol	ND	20	ug/L	12/08/11		DD	SW8270/E625	1
Benzyl butyl phthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-chloroethyl)ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-ethylhexyl)phthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Dibenz(a,h)anthracene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Dibenzofuran	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Diethyl phthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	

Parameter	Result	RL	Units	Date	Time	By	Reference
Dimethylphthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Di-n-butylphthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Di-n-octylphthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Fluoranthene	7.2	5.0	ug/L	12/08/11		DD	SW8270/E625
Fluorene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Hexachlorobutadiene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Hexachlorocyclopentadiene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Hexachloroethane	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Isophorone	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Naphthalene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Nitrobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodimethylamine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodiphenylamine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Pyrene	6.7	5.0	ug/L	12/08/11		DD	SW8270/E625
QA/QC Surrogates							
% 2-Fluorobiphenyl	38		%	12/08/11		DD	30 - 130 %
% Nitrobenzene-d5	43		%	12/08/11		DD	30 - 130 %
% Terphenyl-d14	66		%	12/08/11		DD	30 - 130 %
Semivolatiles							
Acenaphthylene	0.42	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benz(a)anthracene	3	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benzo(a)pyrene	3.4	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benzo(b)fluoranthene	4	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benzo(k)fluoranthene	1.4	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Chrysene	2.6	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Dibenz(a,h)anthracene	0.3	0.010	ug/L	12/07/11		DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	1.2	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Phenanthrene	4.6	0.050	ug/L	12/07/11		DD	SW8270 (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	38		%	12/07/11		DD	30 - 130 %
% Nitrobenzene-d5	43		%	12/07/11		DD	30 - 130 %
% Terphenyl-d14	66		%	12/07/11		DD	30 - 130 %

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

Comments:

* For Pesticides, due to matrix interference from non target compounds 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

Phyllis Shiller, Laboratory Director
December 16, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07961

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	12/11/11		LK	6010/200.7
Aluminum	52.0	0.10	mg/L	12/12/11		EK	6010/200.7
Arsenic	< 0.040	0.040	mg/L	12/12/11		EK	6010/200.7
Barium	0.324	0.002	mg/L	12/11/11		LK	6010/200.7
Beryllium	0.002	0.001	mg/L	12/11/11		LK	6010/200.7
Calcium	53.9	0.010	mg/L	12/11/11		LK	6010/200.7
Cadmium	0.006	0.001	mg/L	12/11/11		LK	6010/200.7
Cobalt	0.041	0.002	mg/L	12/11/11		LK	6010/200.7
Chromium	0.107	0.001	mg/L	12/11/11		LK	6010/200.7
Copper	0.115	0.001	mg/L	12/11/11		LK	6010/200.7
Iron	134	0.010	mg/L	12/11/11		LK	6010/200.7
Mercury	0.0003	0.0002	mg/L	12/07/11		RS	7470/E245.1
Potassium	29.5	0.1	mg/L	12/11/11		LK	6010/200.7
Magnesium	28.1	0.01	mg/L	12/11/11		LK	6010/200.7
Manganese	2.31	0.001	mg/L	12/11/11		LK	6010/200.7
Sodium	81.4	1.0	mg/L	12/12/11		EK	6010/200.7
Nickel	0.063	0.001	mg/L	12/11/11		LK	6010/200.7
Lead	0.173	0.002	mg/L	12/11/11		LK	6010/200.7
Antimony	< 0.050	0.050	mg/L	12/12/11		EK	6010/200.7
Selenium	0.027	0.010	mg/L	12/11/11		LK	6010/200.7
Thallium	< 0.002	0.002	mg/L	12/14/11		RS	SW7010/200.9
Total Metals Digestion	Completed			12/06/11		AG	
Vanadium	0.159	0.002	mg/L	12/11/11		LK	6010/200.7
Zinc	0.178	0.002	mg/L	12/11/11		LK	6010/200.7
Mercury Digestion	Completed			12/07/11			7471/245.1
PCB Extraction	Completed			12/06/11		T/T	SW3510C
Extraction for Pest (2 Liter)	Completed			12/06/11		T/T	SW3510
Semi-Volatile Extraction	Completed			12/06/11		F/K	SW3520

Parameter	Result	RL	Units	Date	Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	0.11	ug/L	12/09/11		MH	608/ 8082
PCB-1221	ND	0.11	ug/L	12/09/11		MH	608/ 8082
PCB-1232	ND	0.11	ug/L	12/09/11		MH	608/ 8082
PCB-1242	ND	0.11	ug/L	12/09/11		MH	608/ 8082
PCB-1248	ND	0.11	ug/L	12/09/11		MH	608/ 8082
PCB-1254	ND	0.11	ug/L	12/09/11		MH	608/ 8082
PCB-1260	ND	0.11	ug/L	12/09/11		MH	608/ 8082
PCB-1262	ND	0.11	ug/L	12/09/11		MH	608/ 8082
PCB-1268	ND	0.11	ug/L	12/09/11		MH	608/ 8082
QA/QC Surrogates							
% DCBP	74		%	12/09/11		MH	30 - 150 %
% TCMX	70		%	12/09/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	0.2	ug/L	12/09/11		MR	SW8081
4,4' -DDE	ND	0.2	ug/L	12/09/11		MR	SW8081
4,4' -DDT	ND	0.2	ug/L	12/09/11		MR	SW8081
a-BHC	ND	0.2	ug/L	12/09/11		MR	SW8081
Alachlor	ND	0.3	ug/L	12/09/11		MR	SW8081
Aldrin	ND	0.09	ug/L	12/09/11		MR	SW8081
b-BHC	ND	0.2	ug/L	12/09/11		MR	SW8081
Chlordane	ND	0.6	ug/L	12/09/11		MR	SW8081
d-BHC	ND	0.2	ug/L	12/09/11		MR	SW8081
Dieldrin	ND	0.01	ug/L	12/09/11		MR	SW8081
Endosulfan I	ND	0.2	ug/L	12/09/11		MR	SW8081
Endosulfan II	ND	0.2	ug/L	12/09/11		MR	SW8081
Endosulfan Sulfate	ND	0.2	ug/L	12/09/11		MR	SW8081
Endrin	ND	0.2	ug/L	12/09/11		MR	SW8081
Endrin Aldehyde	ND	0.2	ug/L	12/09/11		MR	SW8081
Endrin ketone	ND	0.2	ug/L	12/09/11		MR	SW8081
g-BHC (Lindane)	ND	0.09	ug/L	12/09/11		MR	SW8081
Heptachlor	ND	0.2	ug/L	12/09/11		MR	SW8081
Heptachlor epoxide	ND	0.2	ug/L	12/09/11		MR	SW8081
Methoxychlor	ND	0.6	ug/L	12/09/11		MR	SW8081
Toxaphene	ND	15	ug/L	12/09/11		MR	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	diluted out		%	12/09/11		MR	40 - 140 %
%TCMX (Surrogate Rec)	diluted out		%	12/09/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10	ug/L	12/08/11		R/T	SW8260
1,1,1-Trichloroethane	ND	10	ug/L	12/08/11		R/T	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	12/08/11		R/T	SW8260
1,1,2-Trichloroethane	ND	10	ug/L	12/08/11		R/T	SW8260
1,1-Dichloroethane	ND	10	ug/L	12/08/11		R/T	SW8260
1,1-Dichloroethene	ND	10	ug/L	12/08/11		R/T	SW8260
1,1-Dichloropropene	ND	10	ug/L	12/08/11		R/T	SW8260
1,2,3-Trichlorobenzene	ND	10	ug/L	12/08/11		R/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	10	ug/L	12/08/11		R/T	SW8260
1,2,4-Trichlorobenzene	ND	10	ug/L	12/08/11		R/T	SW8260
1,2,4-Trimethylbenzene	1200	200	ug/L	12/08/11		R/T	SW8260
1,2-Dibromo-3-chloropropane	ND	10	ug/L	12/08/11		R/T	SW8260
1,2-Dichlorobenzene	ND	10	ug/L	12/08/11		R/T	SW8260
1,2-Dichloroethane	ND	10	ug/L	12/08/11		R/T	SW8260
1,2-Dichloropropane	ND	10	ug/L	12/08/11		R/T	SW8260
1,3,5-Trimethylbenzene	350	200	ug/L	12/08/11		R/T	SW8260
1,3-Dichlorobenzene	ND	10	ug/L	12/08/11		R/T	SW8260
1,3-Dichloropropane	ND	10	ug/L	12/08/11		R/T	SW8260
1,4-Dichlorobenzene	ND	10	ug/L	12/08/11		R/T	SW8260
2,2-Dichloropropane	ND	10	ug/L	12/08/11		R/T	SW8260
2-Chlorotoluene	ND	10	ug/L	12/08/11		R/T	SW8260
2-Hexanone	ND	50	ug/L	12/08/11		R/T	SW8260
2-Isopropyltoluene	ND	10	ug/L	12/08/11		R/T	SW8260
4-Chlorotoluene	ND	10	ug/L	12/08/11		R/T	SW8260
4-Methyl-2-pentanone	ND	50	ug/L	12/08/11		R/T	SW8260
Acetone	ND	250	ug/L	12/08/11		R/T	SW8260
Acrylonitrile	ND	50	ug/L	12/08/11		R/T	SW8260
Benzene	2700	200	ug/L	12/08/11		R/T	SW8260
Bromobenzene	ND	10	ug/L	12/08/11		R/T	SW8260
Bromochloromethane	ND	10	ug/L	12/08/11		R/T	SW8260
Bromodichloromethane	ND	5.0	ug/L	12/08/11		R/T	SW8260
Bromoform	ND	10	ug/L	12/08/11		R/T	SW8260
Bromomethane	ND	10	ug/L	12/08/11		R/T	SW8260
Carbon Disulfide	ND	50	ug/L	12/08/11		R/T	SW8260
Carbon tetrachloride	ND	10	ug/L	12/08/11		R/T	SW8260
Chlorobenzene	ND	10	ug/L	12/08/11		R/T	SW8260
Chloroethane	ND	10	ug/L	12/08/11		R/T	SW8260
Chloroform	ND	10	ug/L	12/08/11		R/T	SW8260
Chloromethane	ND	10	ug/L	12/08/11		R/T	SW8260
cis-1,2-Dichloroethene	ND	10	ug/L	12/08/11		R/T	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/L	12/08/11		R/T	SW8260
Dibromochloromethane	ND	5.0	ug/L	12/08/11		R/T	SW8260
Dibromoethane	ND	10	ug/L	12/08/11		R/T	SW8260
Dibromomethane	ND	10	ug/L	12/08/11		R/T	SW8260
Dichlorodifluoromethane	ND	10	ug/L	12/08/11		R/T	SW8260
Ethylbenzene	1200	200	ug/L	12/08/11		R/T	SW8260
Hexachlorobutadiene	ND	4.0	ug/L	12/08/11		R/T	SW8260
Isopropylbenzene	71	10	ug/L	12/08/11		R/T	SW8260
m&p-Xylene	3900	200	ug/L	12/08/11		R/T	SW8260
Methyl ethyl ketone	ND	50	ug/L	12/08/11		R/T	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	12/08/11		R/T	SW8260
Methylene chloride	ND	10	ug/L	12/08/11		R/T	SW8260
Naphthalene	540	200	ug/L	12/08/11		R/T	SW8260
n-Butylbenzene	29	10	ug/L	12/08/11		R/T	SW8260
n-Propylbenzene	280	10	ug/L	12/08/11		R/T	SW8260
o-Xylene	100	10	ug/L	12/08/11		R/T	SW8260
p-Isopropyltoluene	ND	10	ug/L	12/08/11		R/T	SW8260
sec-Butylbenzene	ND	10	ug/L	12/08/11		R/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	10	ug/L	12/08/11		R/T	SW8260
tert-Butylbenzene	ND	10	ug/L	12/08/11		R/T	SW8260
Tetrachloroethene	ND	10	ug/L	12/08/11		R/T	SW8260
Tetrahydrofuran (THF)	ND	50	ug/L	12/08/11		R/T	SW8260
Toluene	190	10	ug/L	12/08/11		R/T	SW8260
Total Xylenes	4000	10	ug/L	12/08/11		R/T	SW8260
trans-1,2-Dichloroethene	ND	10	ug/L	12/08/11		R/T	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/L	12/08/11		R/T	SW8260
trans-1,4-dichloro-2-butene	ND	50	ug/L	12/08/11		R/T	SW8260
Trichloroethene	ND	10	ug/L	12/08/11		R/T	SW8260
Trichlorofluoromethane	ND	10	ug/L	12/08/11		R/T	SW8260
Trichlorotrifluoroethane	ND	10	ug/L	12/08/11		R/T	SW8260
Vinyl chloride	ND	10	ug/L	12/08/11		R/T	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	12/08/11		R/T	70 - 130 %
% Bromofluorobenzene	108		%	12/08/11		R/T	70 - 130 %
% Dibromofluoromethane	90		%	12/08/11		R/T	70 - 130 %
% Toluene-d8	103		%	12/08/11		R/T	70 - 130 %
Semivolatiles							
1,2,4-Trichlorobenzene	ND	50	ug/L	12/08/11		DD	SW8270/E625
1,2-Dichlorobenzene	ND	50	ug/L	12/08/11		DD	SW8270/E625
1,2-Diphenylhydrazine	ND	50	ug/L	12/08/11		DD	SW8270/E625
1,3-Dichlorobenzene	ND	50	ug/L	12/08/11		DD	SW8270/E625
1,4-Dichlorobenzene	ND	50	ug/L	12/08/11		DD	SW8270/E625
2,4-Dinitrotoluene	ND	50	ug/L	12/08/11		DD	SW8270/E625
2,6-Dinitrotoluene	ND	50	ug/L	12/08/11		DD	SW8270/E625
2-Chloronaphthalene	ND	50	ug/L	12/08/11		DD	SW8270/E625
2-Methylnaphthalene	620	50	ug/L	12/08/11		DD	SW8270/E625
2-Nitroaniline	ND	500	ug/L	12/08/11		DD	SW8270/E625
3,3'-Dichlorobenzidine	ND	200	ug/L	12/08/11		DD	SW8270/E625
3-Nitroaniline	ND	500	ug/L	12/08/11		DD	SW8270/E625
4-Bromophenyl phenyl ether	ND	50	ug/L	12/08/11		DD	SW8270/E625
4-Chloroaniline	ND	200	ug/L	12/08/11		DD	SW8270/E625
4-Chlorophenyl phenyl ether	ND	50	ug/L	12/08/11		DD	SW8270/E625
4-Nitroaniline	ND	500	ug/L	12/08/11		DD	SW8270/E625
Acenaphthene	72	50	ug/L	12/08/11		DD	SW8270/E625
Acenaphthylene	ND	50	ug/L	12/08/11		DD	SW8270/E625
Anthracene	110	50	ug/L	12/08/11		DD	SW8270/E625
Benz(a)anthracene	78	50	ug/L	12/08/11		DD	SW8270/E625
Benzidine	ND	200	ug/L	12/08/11		DD	SW8270/E625
Benzo(a)pyrene	51	50	ug/L	12/08/11		DD	SW8270/E625
Benzo(b)fluoranthene	63	50	ug/L	12/08/11		DD	SW8270/E625
Benzo(ghi)perylene	ND	50	ug/L	12/08/11		DD	SW8270/E625
Benzo(k)fluoranthene	ND	50	ug/L	12/08/11		DD	SW8270/E625
Benzoic acid	ND	500	ug/L	12/08/11		DD	SW8270/E625
Benzyl Alcohol	ND	50	ug/L	12/08/11		DD	SW8270/E625
Benzyl butyl phthalate	ND	50	ug/L	12/08/11		DD	SW8270/E625
Bis(2-chloroethoxy)methane	ND	50	ug/L	12/08/11		DD	SW8270/E625
Bis(2-chloroethyl)ether	ND	50	ug/L	12/08/11		DD	SW8270/E625

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B2

Phoenix I.D.: BB07961

Parameter	Result	RL	Units	Date	Time	By	Reference
Bis(2-chloroisopropyl)ether	ND	50	ug/L	12/08/11		DD	SW8270/E625
Bis(2-ethylhexyl)phthalate	ND	50	ug/L	12/08/11		DD	SW8270/E625
Chrysene	53	50	ug/L	12/08/11		DD	SW8270/E625
Dibenz(a,h)anthracene	ND	50	ug/L	12/08/11		DD	SW8270/E625
Dibenzofuran	94	50	ug/L	12/08/11		DD	SW8270/E625
Diethyl phthalate	ND	50	ug/L	12/08/11		DD	SW8270/E625
Dimethylphthalate	ND	50	ug/L	12/08/11		DD	SW8270/E625
Di-n-butylphthalate	ND	50	ug/L	12/08/11		DD	SW8270/E625
Di-n-octylphthalate	ND	50	ug/L	12/08/11		DD	SW8270/E625
Fluoranthene	270	50	ug/L	12/08/11		DD	SW8270/E625
Fluorene	110	50	ug/L	12/08/11		DD	SW8270/E625
Hexachlorobenzene	ND	50	ug/L	12/08/11		DD	SW8270/E625
Hexachlorobutadiene	ND	50	ug/L	12/08/11		DD	SW8270/E625
Hexachlorocyclopentadiene	ND	50	ug/L	12/08/11		DD	SW8270/E625
Hexachloroethane	ND	50	ug/L	12/08/11		DD	SW8270/E625
Indeno(1,2,3-cd)pyrene	ND	50	ug/L	12/08/11		DD	SW8270/E625
Isophorone	ND	50	ug/L	12/08/11		DD	SW8270/E625
Naphthalene	1300	50	ug/L	12/08/11		DD	SW8270/E625
Nitrobenzene	ND	50	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodimethylamine	ND	50	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodi-n-propylamine	ND	50	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodiphenylamine	ND	50	ug/L	12/08/11		DD	SW8270/E625
Phenanthrene	440	50	ug/L	12/08/11		DD	SW8270/E625
Pyrene	210	50	ug/L	12/08/11		DD	SW8270/E625
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	12/08/11		DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out		%	12/08/11		DD	30 - 130 %
% Terphenyl-d14	*Diluted Out		%	12/08/11		DD	30 - 130 %

Comments:

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

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

* For Pesticides, due to matrix interference from non target compounds 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

Phyllis Shiller, Laboratory Director
December 16, 2011

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07962

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B3

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	12/11/11		LK	6010/200.7
Aluminum	6.42	0.010	mg/L	12/11/11		LK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	12/11/11		LK	6010/200.7
Barium	0.092	0.002	mg/L	12/11/11		LK	6010/200.7
Beryllium	< 0.001	0.001	mg/L	12/11/11		LK	6010/200.7
Calcium	79.4	0.010	mg/L	12/11/11		LK	6010/200.7
Cadmium	0.001	0.001	mg/L	12/11/11		LK	6010/200.7
Cobalt	0.005	0.002	mg/L	12/11/11		LK	6010/200.7
Chromium	0.014	0.001	mg/L	12/11/11		LK	6010/200.7
Copper	0.011	0.001	mg/L	12/11/11		LK	6010/200.7
Iron	28.0	0.010	mg/L	12/11/11		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	12/07/11		RS	7470/E245.1
Potassium	47.7	0.1	mg/L	12/11/11		LK	6010/200.7
Magnesium	21.2	0.01	mg/L	12/11/11		LK	6010/200.7
Manganese	1.65	0.001	mg/L	12/11/11		LK	6010/200.7
Sodium	59.8	0.1	mg/L	12/11/11		LK	6010/200.7
Nickel	0.010	0.001	mg/L	12/11/11		LK	6010/200.7
Lead	0.031	0.002	mg/L	12/11/11		LK	6010/200.7
Antimony	< 0.005	0.005	mg/L	12/11/11		LK	6010/200.7
Selenium	< 0.010	0.010	mg/L	12/11/11		LK	6010/200.7
Thallium	< 0.002	0.002	mg/L	12/14/11		RS	SW7010/200.9
Total Metals Digestion	Completed			12/06/11		AG	
Vanadium	0.019	0.002	mg/L	12/11/11		LK	6010/200.7
Zinc	0.028	0.002	mg/L	12/11/11		LK	6010/200.7
Mercury Digestion	Completed			12/07/11			7471/245.1
PCB Extraction	Completed			12/06/11		T/T	SW3510C
Extraction for Pest (2 Liter)	Completed			12/06/11		T/T	SW3510
Semi-Volatile Extraction	Completed			12/06/11		F/K	SW3520

Parameter	Result	RL	Units	Date	Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	0.12	ug/L	12/09/11		MH	608/ 8082
PCB-1221	ND	0.12	ug/L	12/09/11		MH	608/ 8082
PCB-1232	ND	0.12	ug/L	12/09/11		MH	608/ 8082
PCB-1242	ND	0.12	ug/L	12/09/11		MH	608/ 8082
PCB-1248	ND	0.12	ug/L	12/09/11		MH	608/ 8082
PCB-1254	ND	0.12	ug/L	12/09/11		MH	608/ 8082
PCB-1260	ND	0.12	ug/L	12/09/11		MH	608/ 8082
PCB-1262	ND	0.12	ug/L	12/09/11		MH	608/ 8082
PCB-1268	ND	0.12	ug/L	12/09/11		MH	608/ 8082
QA/QC Surrogates							
% DCBP	95		%	12/09/11		MH	30 - 150 %
% TCMX	62		%	12/09/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	0.01	ug/L	12/09/11		MR	SW8081
4,4' -DDE	ND	0.01	ug/L	12/09/11		MR	SW8081
4,4' -DDT	ND	0.01	ug/L	12/09/11		MR	SW8081
a-BHC	ND	0.05	ug/L	12/09/11		MR	SW8081
Alachlor	ND	0.1	ug/L	12/09/11		MR	SW8081
Aldrin	ND	0.01	ug/L	12/09/11		MR	SW8081
b-BHC	ND	0.05	ug/L	12/09/11		MR	SW8081
Chlordane	ND	0.1	ug/L	12/09/11		MR	SW8081
d-BHC	ND	0.05	ug/L	12/09/11		MR	SW8081
Dieldrin	ND	0.01	ug/L	12/09/11		MR	SW8081
Endosulfan I	ND	0.1	ug/L	12/09/11		MR	SW8081
Endosulfan II	ND	0.1	ug/L	12/09/11		MR	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	12/09/11		MR	SW8081
Endrin	ND	0.1	ug/L	12/09/11		MR	SW8081
Endrin Aldehyde	ND	0.1	ug/L	12/09/11		MR	SW8081
Endrin ketone	ND	0.1	ug/L	12/09/11		MR	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	12/09/11		MR	SW8081
Heptachlor	ND	0.01	ug/L	12/09/11		MR	SW8081
Heptachlor epoxide	ND	0.01	ug/L	12/09/11		MR	SW8081
Methoxychlor	ND	0.2	ug/L	12/09/11		MR	SW8081
Toxaphene	ND	5.0	ug/L	12/09/11		MR	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	76		%	12/09/11		MR	40 - 140 %
%TCMX (Surrogate Rec)	67		%	12/09/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/08/11		R/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/08/11		R/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/08/11		R/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/08/11		R/T	SW8260
2-Hexanone	ND	5.0	ug/L	12/08/11		R/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/08/11		R/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/08/11		R/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/08/11		R/T	SW8260
Acetone	ND	25	ug/L	12/08/11		R/T	SW8260
Acrylonitrile	ND	5.0	ug/L	12/08/11		R/T	SW8260
Benzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
Bromobenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
Bromochloromethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/08/11		R/T	SW8260
Bromoform	ND	1.0	ug/L	12/08/11		R/T	SW8260
Bromomethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/08/11		R/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/08/11		R/T	SW8260
Chlorobenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
Chloroethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
Chloroform	ND	1.0	ug/L	12/08/11		R/T	SW8260
Chloromethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/08/11		R/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/08/11		R/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/08/11		R/T	SW8260
Dibromoethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
Dibromomethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/08/11		R/T	SW8260
Ethylbenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/08/11		R/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
m&p-Xylene	ND	1.0	ug/L	12/08/11		R/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/08/11		R/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/08/11		R/T	SW8260
Methylene chloride	6.8	1.0	ug/L	12/08/11		R/T	SW8260
Naphthalene	ND	1.0	ug/L	12/08/11		R/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260
o-Xylene	ND	1.0	ug/L	12/08/11		R/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/08/11		R/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference	
Styrene	ND	1.0	ug/L	12/08/11		R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	12/08/11		R/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	12/08/11		R/T	SW8260	
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/08/11		R/T	SW8260	
Toluene	ND	1.0	ug/L	12/08/11		R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	12/08/11		R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/08/11		R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/08/11		R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/08/11		R/T	SW8260	
Trichloroethene	ND	1.0	ug/L	12/08/11		R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	12/08/11		R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	12/08/11		R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	12/08/11		R/T	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	12/08/11		R/T	70 - 130 %	
% Bromofluorobenzene	96		%	12/08/11		R/T	70 - 130 %	
% Dibromofluoromethane	94		%	12/08/11		R/T	70 - 130 %	
% Toluene-d8	104		%	12/08/11		R/T	70 - 130 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,2-Dichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,2-Diphenylhydrazine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,3-Dichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,4-Dichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2,4-Dinitrotoluene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2,6-Dinitrotoluene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2-Chloronaphthalene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2-Methylnaphthalene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2-Nitroaniline	ND	50	ug/L	12/08/11		DD	SW8270/E625	
3,3'-Dichlorobenzidine	ND	20	ug/L	12/08/11		DD	SW8270/E625	
3-Nitroaniline	ND	50	ug/L	12/08/11		DD	SW8270/E625	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
4-Chloroaniline	ND	20	ug/L	12/08/11		DD	SW8270/E625	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
4-Nitroaniline	ND	50	ug/L	12/08/11		DD	SW8270/E625	
Acenaphthene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Anthracene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Benzidine	ND	20	ug/L	12/08/11		DD	SW8270/E625	
Benzo(ghi)perylene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Benzoic acid	ND	50	ug/L	12/08/11		DD	SW8270/E625	
Benzyl Alcohol	ND	20	ug/L	12/08/11		DD	SW8270/E625	1
Benzyl butyl phthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-chloroethyl)ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-ethylhexyl)phthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Dibenz(a,h)anthracene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Dibenzofuran	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Diethyl phthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	

Parameter	Result	RL	Units	Date	Time	By	Reference
Dimethylphthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Di-n-butylphthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Di-n-octylphthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Fluoranthene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Fluorene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Hexachlorobutadiene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Hexachlorocyclopentadiene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Hexachloroethane	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Isophorone	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Naphthalene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Nitrobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodimethylamine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodiphenylamine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Pyrene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
QA/QC Surrogates							
% 2-Fluorobiphenyl	41		%	12/08/11		DD	30 - 130 %
% Nitrobenzene-d5	59		%	12/08/11		DD	30 - 130 %
% Terphenyl-d14	76		%	12/08/11		DD	30 - 130 %
Semivolatiles							
Acenaphthylene	0.03	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benz(a)anthracene	0.05	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benzo(a)pyrene	0.03	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.04	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Chrysene	0.03	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	12/07/11		DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.02	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Phenanthrene	0.11	0.050	ug/L	12/07/11		DD	SW8270 (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	41		%	12/07/11		DD	30 - 130 %
% Nitrobenzene-d5	59		%	12/07/11		DD	30 - 130 %
% Terphenyl-d14	76		%	12/07/11		DD	30 - 130 %

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

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

Phyllis Shiller, Laboratory Director
December 16, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/05/11	0:00
Location Code:	EBC | B	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07963

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: B4

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	12/11/11		LK	6010/200.7
Aluminum	43.8	0.10	mg/L	12/12/11		EK	6010/200.7
Arsenic	< 0.040	0.040	mg/L	12/12/11		EK	6010/200.7
Barium	0.302	0.002	mg/L	12/11/11		LK	6010/200.7
Beryllium	0.002	0.001	mg/L	12/11/11		LK	6010/200.7
Calcium	47.7	0.010	mg/L	12/11/11		LK	6010/200.7
Cadmium	0.003	0.001	mg/L	12/11/11		LK	6010/200.7
Cobalt	0.040	0.002	mg/L	12/11/11		LK	6010/200.7
Chromium	0.074	0.001	mg/L	12/11/11		LK	6010/200.7
Copper	0.115	0.001	mg/L	12/11/11		LK	6010/200.7
Iron	65.0	0.010	mg/L	12/11/11		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	12/07/11		RS	7470/E245.1
Potassium	21.5	0.1	mg/L	12/11/11		LK	6010/200.7
Magnesium	20.7	0.01	mg/L	12/11/11		LK	6010/200.7
Manganese	3.27	0.010	mg/L	12/12/11		EK	6010/200.7
Sodium	267	1.0	mg/L	12/12/11		EK	6010/200.7
Nickel	0.086	0.001	mg/L	12/11/11		LK	6010/200.7
Lead	0.114	0.002	mg/L	12/11/11		LK	6010/200.7
Antimony	< 0.005	0.005	mg/L	12/11/11		LK	6010/200.7
Selenium	< 0.010	0.010	mg/L	12/11/11		LK	6010/200.7
Thallium	< 0.002	0.002	mg/L	12/14/11		RS	SW7010/200.9
Total Metals Digestion	Completed			12/06/11		AG	
Vanadium	0.098	0.002	mg/L	12/11/11		LK	6010/200.7
Zinc	0.209	0.002	mg/L	12/11/11		LK	6010/200.7
Mercury Digestion	Completed			12/07/11			7471/245.1
PCB Extraction	Completed			12/06/11		T/T	SW3510C
Extraction for Pest (2 Liter)	Completed			12/06/11		T/T	SW3510
Semi-Volatile Extraction	Completed			12/06/11		F/K	SW3520

Parameter	Result	RL	Units	Date	Time	By	Reference
Polychlorinated Biphenyls							
PCB-1016	ND	0.11	ug/L	12/07/11		MH	608/ 8082
PCB-1221	ND	0.11	ug/L	12/07/11		MH	608/ 8082
PCB-1232	ND	0.11	ug/L	12/07/11		MH	608/ 8082
PCB-1242	ND	0.11	ug/L	12/07/11		MH	608/ 8082
PCB-1248	ND	0.11	ug/L	12/07/11		MH	608/ 8082
PCB-1254	ND	0.11	ug/L	12/07/11		MH	608/ 8082
PCB-1260	ND	0.11	ug/L	12/07/11		MH	608/ 8082
PCB-1262	ND	0.11	ug/L	12/07/11		MH	608/ 8082
PCB-1268	ND	0.11	ug/L	12/07/11		MH	608/ 8082
QA/QC Surrogates							
% DCBP	82		%	12/07/11		MH	30 - 150 %
% TCMX	82		%	12/07/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	0.01	ug/L	12/09/11		MR	SW8081
4,4' -DDE	ND	0.01	ug/L	12/09/11		MR	SW8081
4,4' -DDT	ND	0.01	ug/L	12/09/11		MR	SW8081
a-BHC	ND	0.05	ug/L	12/09/11		MR	SW8081
Alachlor	ND	0.1	ug/L	12/09/11		MR	SW8081
Aldrin	ND	0.01	ug/L	12/09/11		MR	SW8081
b-BHC	ND	0.05	ug/L	12/09/11		MR	SW8081
Chlordane	ND	0.1	ug/L	12/09/11		MR	SW8081
d-BHC	ND	0.05	ug/L	12/09/11		MR	SW8081
Dieldrin	ND	0.01	ug/L	12/09/11		MR	SW8081
Endosulfan I	ND	0.1	ug/L	12/09/11		MR	SW8081
Endosulfan II	ND	0.1	ug/L	12/09/11		MR	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	12/09/11		MR	SW8081
Endrin	ND	0.1	ug/L	12/09/11		MR	SW8081
Endrin Aldehyde	ND	0.1	ug/L	12/09/11		MR	SW8081
Endrin ketone	ND	0.1	ug/L	12/09/11		MR	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	12/09/11		MR	SW8081
Heptachlor	ND	0.01	ug/L	12/09/11		MR	SW8081
Heptachlor epoxide	ND	0.01	ug/L	12/09/11		MR	SW8081
Methoxychlor	ND	0.2	ug/L	12/09/11		MR	SW8081
Toxaphene	ND	5.0	ug/L	12/09/11		MR	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	72		%	12/09/11		MR	40 - 140 %
%TCMX (Surrogate Rec)	71		%	12/09/11		MR	40 - 140 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/07/11		R/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
2-Hexanone	ND	5.0	ug/L	12/07/11		R/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/07/11		R/T	SW8260
Acetone	ND	25	ug/L	12/07/11		R/T	SW8260
Acrylonitrile	ND	5.0	ug/L	12/07/11		R/T	SW8260
Benzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromochloromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/07/11		R/T	SW8260
Bromoform	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromomethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/07/11		R/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/07/11		R/T	SW8260
Chlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Chloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Chloroform	1.5	1.0	ug/L	12/07/11		R/T	SW8260
Chloromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
cis-1,2-Dichloroethene	1.0	1.0	ug/L	12/07/11		R/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/07/11		R/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/07/11		R/T	SW8260
Dibromoethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Dibromomethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Ethylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/07/11		R/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
m&p-Xylene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/07/11		R/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/07/11		R/T	SW8260
Methylene chloride	ND	1.0	ug/L	12/07/11		R/T	SW8260
Naphthalene	ND	1.0	ug/L	12/07/11		R/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
o-Xylene	ND	1.0	ug/L	12/07/11		R/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference	
Styrene	ND	1.0	ug/L	12/07/11		R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260	
Tetrachloroethene	14	1.0	ug/L	12/07/11		R/T	SW8260	
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/07/11		R/T	SW8260	
Toluene	ND	1.0	ug/L	12/07/11		R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	12/07/11		R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/07/11		R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/07/11		R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/07/11		R/T	SW8260	
Trichloroethene	15	1.0	ug/L	12/07/11		R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	12/07/11		R/T	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	12/07/11		R/T	70 - 130 %	
% Bromofluorobenzene	91		%	12/07/11		R/T	70 - 130 %	
% Dibromofluoromethane	98		%	12/07/11		R/T	70 - 130 %	
% Toluene-d8	97		%	12/07/11		R/T	70 - 130 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,2-Dichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,2-Diphenylhydrazine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,3-Dichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
1,4-Dichlorobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2,4-Dinitrotoluene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2,6-Dinitrotoluene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2-Chloronaphthalene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2-Methylnaphthalene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
2-Nitroaniline	ND	50	ug/L	12/08/11		DD	SW8270/E625	
3,3'-Dichlorobenzidine	ND	20	ug/L	12/08/11		DD	SW8270/E625	
3-Nitroaniline	ND	50	ug/L	12/08/11		DD	SW8270/E625	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
4-Chloroaniline	ND	20	ug/L	12/08/11		DD	SW8270/E625	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
4-Nitroaniline	ND	50	ug/L	12/08/11		DD	SW8270/E625	
Acenaphthene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Anthracene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Benzidine	ND	20	ug/L	12/08/11		DD	SW8270/E625	
Benzo(ghi)perylene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Benzoic acid	ND	50	ug/L	12/08/11		DD	SW8270/E625	
Benzyl Alcohol	ND	20	ug/L	12/08/11		DD	SW8270/E625	1
Benzyl butyl phthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-chloroethyl)ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Bis(2-ethylhexyl)phthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Dibenz(a,h)anthracene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Dibenzofuran	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	
Diethyl phthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625	

Parameter	Result	RL	Units	Date	Time	By	Reference
Dimethylphthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Di-n-butylphthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Di-n-octylphthalate	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Fluoranthene	11	5.0	ug/L	12/08/11		DD	SW8270/E625
Fluorene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Hexachlorobutadiene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Hexachlorocyclopentadiene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Hexachloroethane	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Isophorone	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Naphthalene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Nitrobenzene	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodimethylamine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
N-Nitrosodiphenylamine	ND	5.0	ug/L	12/08/11		DD	SW8270/E625
Pyrene	8.6	5.0	ug/L	12/08/11		DD	SW8270/E625
QA/QC Surrogates							
% 2-Fluorobiphenyl	41		%	12/08/11		DD	30 - 130 %
% Nitrobenzene-d5	57		%	12/08/11		DD	30 - 130 %
% Terphenyl-d14	50		%	12/08/11		DD	30 - 130 %
Semivolatiles							
Acenaphthylene	0.18	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benz(a)anthracene	6.2	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benzo(a)pyrene	7.1	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benzo(b)fluoranthene	8.5	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Benzo(k)fluoranthene	2.9	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Chrysene	5.4	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Dibenz(a,h)anthracene	0.75	0.010	ug/L	12/07/11		DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	2.8	0.020	ug/L	12/07/11		DD	SW8270 (SIM)
Phenanthrene	11	0.050	ug/L	12/07/11		DD	SW8270 (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	41		%	12/07/11		DD	30 - 130 %
% Nitrobenzene-d5	57		%	12/07/11		DD	30 - 130 %
% Terphenyl-d14	50		%	12/07/11		DD	30 - 130 %

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

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

Phyllis Shiller, Laboratory Director
December 16, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/05/11	0:00
Location Code:	EBC | TRIP BLANK	Received by:	SW	12/06/11	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB07952
Phoenix ID: BB07964

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/07/11		R/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/07/11		R/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
2-Hexanone	ND	5.0	ug/L	12/07/11		R/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/07/11		R/T	SW8260
Acetone	ND	25	ug/L	12/07/11		R/T	SW8260

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: TRIP BLANK

Phoenix I.D.: BB07964

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	12/07/11		R/T	SW8260
Benzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromochloromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/07/11		R/T	SW8260
Bromoform	ND	1.0	ug/L	12/07/11		R/T	SW8260
Bromomethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/07/11		R/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/07/11		R/T	SW8260
Chlorobenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Chloroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Chloroform	ND	1.0	ug/L	12/07/11		R/T	SW8260
Chloromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/07/11		R/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/07/11		R/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/07/11		R/T	SW8260
Dibromoethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Dibromomethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Ethylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/07/11		R/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
m&p-Xylene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/07/11		R/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/07/11		R/T	SW8260
Methylene chloride	ND	1.0	ug/L	12/07/11		R/T	SW8260
Naphthalene	ND	1.0	ug/L	12/07/11		R/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
o-Xylene	ND	1.0	ug/L	12/07/11		R/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Styrene	ND	1.0	ug/L	12/07/11		R/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/07/11		R/T	SW8260
Toluene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Total Xylenes	ND	1.0	ug/L	12/07/11		R/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/07/11		R/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/07/11		R/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/07/11		R/T	SW8260
Trichloroethene	ND	1.0	ug/L	12/07/11		R/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/07/11		R/T	SW8260
Vinyl chloride	ND	1.0	ug/L	12/07/11		R/T	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	12/07/11		R/T	70 - 130 %
% Bromofluorobenzene	94		%	12/07/11		R/T	70 - 130 %
% Dibromofluoromethane	94		%	12/07/11		R/T	70 - 130 %
% Toluene-d8	101		%	12/07/11		R/T	70 - 130 %

Project ID: 462 KENT AVE BROOKLYN NY
Client ID: TRIP BLANK

Phoenix I.D.: BB07964

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Phyllis Shiller, Laboratory Director
December 16, 2011

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 16, 2011

QA/QC Data

SDG I.D.: GBB07952

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 189989, QC Sample No: BB06664 (BB07960, BB07961, BB07962, BB07963)											
Thallium - Water	BDL	NC	110	121	9.5	107	115	7.2	75 - 125	20	
QA/QC Batch 190142, QC Sample No: BB07358 (BB07952, BB07953)											
ICP Metals - Soil											
Aluminum	BDL	6.70	120	>130	NC	NC	NC	NC	75 - 125	30	l
Antimony	BDL	NC	95.7	114	17.5	87.8	93.8	6.6	75 - 125	30	
Arsenic	BDL	NC	83.7	101	18.7	89.5	94.5	5.4	75 - 125	30	
Barium	BDL	8.20	91.7	82.7	10.3	69.2	76.8	10.4	75 - 125	30	m
Beryllium	BDL	NC	89.2	108	19.1	97.6	107	9.2	75 - 125	30	
Cadmium	BDL	NC	90.6	105	14.7	96.8	102	5.2	75 - 125	30	
Calcium	BDL	21.3	94.2	104	9.9	>130	>130	NC	75 - 125	30	m
Chromium	BDL	5.00	96.4	115	17.6	>130	68.4	NC	75 - 125	30	m
Cobalt	BDL	5.50	91.8	108	16.2	98.1	104	5.8	75 - 125	30	
Copper	BDL	8.40	107	119	10.6	103	110	6.6	75 - 125	30	
Iron	BDL	7.20	118	80.5	37.8	NC	NC	NC	75 - 125	30	r
Lead	BDL	3.60	89.7	109	19.4	96.7	100	3.4	75 - 125	30	
Magnesium	BDL	10.7	98.3	109	10.3	NC	NC	NC	75 - 125	30	
Manganese	BDL	7.60	99.0	108	8.7	99.4	>130	NC	75 - 125	30	m
Nickel	BDL	3.50	94.2	110	15.5	98.3	105	6.6	75 - 125	30	
Potassium	BDL	2.30	95.0	109	13.7	>130	>130	NC	75 - 125	30	m
Selenium	BDL	NC	84.3	95.7	12.7	86.0	90.9	5.5	75 - 125	30	
Silver	BDL	NC	89.8	106	16.5	96.7	102	5.3	75 - 125	30	
Sodium	BDL	0.20	99.6	116	15.2	>130	>130	NC	75 - 125	30	m
Thallium	BDL	NC	83.9	103	20.4	90.6	95.7	5.5	75 - 125	30	
Vanadium	BDL	3.80	102	117	13.7	100	107	6.8	75 - 125	30	
Zinc	0.90	10.2	97.0	112	14.4	93.1	102	9.1	75 - 125	30	
QA/QC Batch 190178, QC Sample No: BB07419 (BB07960, BB07961)											
Mercury - Water	BDL	NC	96.8	96.4	0.4	78.0	79.2	1.5	70 - 130	20	
QA/QC Batch 190179, QC Sample No: BB07425 (BB07962, BB07963)											
Mercury - Water	BDL	NC	91.7	94.8	3.3	96.1	93.8	2.4	70 - 130	20	
QA/QC Batch 190189, QC Sample No: BB07495 (BB07952, BB07953, BB07954, BB07955, BB07956, BB07957)											
Mercury - Soil	BDL	NC	86.0	76.9	11.2	108	79.0	31.0	70 - 130	30	r
QA/QC Batch 190163, QC Sample No: BB07864 (BB07960, BB07961, BB07962, BB07963)											
ICP Metals - Aqueous											
Aluminum	BDL	0.30	102	100	2.0	109	108	0.9	75 - 125	20	
Antimony	BDL	NC	107	105	1.9	109	107	1.9	75 - 125	20	
Arsenic	BDL	NC	101	99.5	1.5	105	104	1.0	75 - 125	20	
Barium	BDL	4.30	106	104	1.9	105	104	1.0	75 - 125	20	
Beryllium	BDL	NC	104	105	1.0	106	104	1.9	75 - 125	20	
Cadmium	BDL	NC	107	106	0.9	106	105	0.9	75 - 125	20	
Calcium	BDL	1.10	106	105	0.9	NC	NC	NC	75 - 125	20	
Chromium	BDL	NC	106	105	0.9	106	105	0.9	75 - 125	20	

QA/QC Data

SDG I.D.: GBB07952

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
Cobalt	BDL	NC	106	105	0.9	104	102	1.9	75 - 125	20	
Copper	BDL	4.90	107	106	0.9	108	107	0.9	75 - 125	20	
Iron	0.011	1.30	108	106	1.9	102	101	1.0	75 - 125	20	
Lead	BDL	NC	107	105	1.9	106	104	1.9	75 - 125	20	
Magnesium	BDL	0.60	103	104	1.0	NC	NC	NC	75 - 125	20	
Manganese	BDL	2.90	108	105	2.8	105	104	1.0	75 - 125	20	
Nickel	BDL	NC	107	106	0.9	104	103	1.0	75 - 125	20	
Potassium	BDL	0.90	93.0	93.2	0.2	114	120	5.1	75 - 125	20	
Selenium	BDL	NC	97.9	97.3	0.6	103	103	0.0	75 - 125	20	
Silver	BDL	NC	103	101	2.0	106	104	1.9	75 - 125	20	
Sodium	BDL	0.10	96.8	95.5	1.4	NC	NC	NC	75 - 125	20	
Vanadium	BDL	NC	105	104	1.0	105	104	1.0	75 - 125	20	
Zinc	BDL	0	102	101	1.0	104	103	1.0	75 - 125	20	
QA/QC Batch 190154, QC Sample No: BB07955 (BB07954, BB07955, BB07956, BB07957, BB07958, BB07959)											
ICP Metals - Soil											
Aluminum	BDL	5.90	119	124	4.1	NC	NC	NC	75 - 125	30	
Antimony	BDL	NC	105	110	4.7	84.3	82.3	2.4	75 - 125	30	
Arsenic	BDL	NC	91.0	92.9	2.1	86.9	86.4	0.6	75 - 125	30	
Barium	BDL	24.6	93.1	105	12.0	41.6	36.7	12.5	75 - 125	30	m
Beryllium	BDL	NC	99.8	103	3.2	99.2	97.4	1.8	75 - 125	30	
Cadmium	BDL	NC	96.4	98.1	1.7	92.3	91.0	1.4	75 - 125	30	
Calcium	BDL	71.2	94.4	102	7.7	NC	NC	NC	75 - 125	30	r
Chromium	BDL	10.2	108	109	0.9	100	95.4	4.7	75 - 125	30	
Cobalt	BDL	13.1	99.9	102	2.1	91.9	91.0	1.0	75 - 125	30	
Copper	BDL	69.7	108	108	0.0	89.5	89.7	0.2	75 - 125	30	r
Iron	BDL	32.7	75.3	77.7	3.1	NC	NC	NC	75 - 125	30	r
Lead	BDL	23.6	101	103	2.0	90.1	88.4	1.9	75 - 125	30	
Magnesium	BDL	9.00	108	114	5.4	NC	NC	NC	75 - 125	30	
Manganese	BDL	56.4	101	106	4.8	<130	45.2	NC	75 - 125	30	m,r
Nickel	BDL	12.3	101	103	2.0	94.4	91.7	2.9	75 - 125	30	
Potassium	BDL	19.3	98.2	101	2.8	>130	>130	NC	75 - 125	30	m
Selenium	BDL	NC	86.7	88.1	1.6	82.0	82.4	0.5	75 - 125	30	
Silver	BDL	NC	99.6	103	3.4	96.9	95.2	1.8	75 - 125	30	
Sodium	BDL	14.1	114	116	1.7	107	117	8.9	75 - 125	30	
Thallium	BDL	NC	95.5	98.3	2.9	88.7	86.8	2.2	75 - 125	30	
Vanadium	BDL	1.90	109	113	3.6	99.1	96.2	3.0	75 - 125	30	
Zinc	0.91	49.8	96.2	99.2	3.1	76.8	82.5	7.2	75 - 125	30	r
QA/QC Batch 190190, QC Sample No: BB07959 (BB07958, BB07959)											
Mercury - Soil	BDL	NC	92.5	83.7	10.0	89.9	111	21.0	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.

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 16, 2011

QA/QC Data

SDG I.D.: GBB07952

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits
QA/QC Batch 190045, QC Sample No: BB06615 (BB07960, BB07961, BB07962, BB07963)									
Pesticides - Water									
4,4' -DDD	ND	110	118	7.0				40 - 140	20
4,4' -DDE	ND	84	90	6.9				40 - 140	20
4,4' -DDT	ND	88	95	7.7				40 - 140	20
a-BHC	ND	87	95	8.8				40 - 140	20
Alachlor	ND	N/A	N/A	NC				40 - 140	20
Aldrin	ND	68	74	8.5				40 - 140	20
b-BHC	ND	82	89	8.2				40 - 140	20
Chlordane	ND	N/A	N/A	NC				40 - 140	20
d-BHC	ND	85	93	9.0				40 - 140	20
Dieldrin	ND	78	84	7.4				40 - 140	20
Endosulfan I	ND	79	84	6.1				40 - 140	20
Endosulfan II	ND	77	83	7.5				40 - 140	20
Endosulfan sulfate	ND	79	83	4.9				40 - 140	20
Endrin	ND	94	100	6.2				40 - 140	20
Endrin aldehyde	ND	82	89	8.2				40 - 140	20
Endrin ketone	ND	77	85	9.9				40 - 140	20
g-BHC	ND	82	91	10.4				40 - 140	20
Heptachlor	ND	80	86	7.2				40 - 140	20
Heptachlor epoxide	ND	81	87	7.1				40 - 140	20
Methoxychlor	ND	112	121	7.7				40 - 140	20
Toxaphene	ND	N/A	N/A	NC				40 - 140	20
% DCBP	80	80	83	3.7				40 - 140	20
% TCMX	68	70	78	10.8				40 - 140	20
Comment:									
A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate.									
QA/QC Batch 190402, QC Sample No: BB07083 (BB07953, BB07954, BB07955, BB07956, BB07957)									
Volatiles - Soil									
1,1,1,2-Tetrachloroethane	ND	104	106	1.9	112	112	0.0	70 - 130	30
1,1,1-Trichloroethane	ND	110	104	5.6	123	122	0.8	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	102	101	1.0	109	115	5.4	70 - 130	30
1,1,2-Trichloroethane	ND	105	107	1.9	118	121	2.5	70 - 130	30
1,1-Dichloroethane	ND	105	100	4.9	116	118	1.7	70 - 130	30
1,1-Dichloroethene	ND	95	93	2.1	127	114	10.8	70 - 130	30
1,1-Dichloropropene	ND	105	99	5.9	123	122	0.8	70 - 130	30
1,2,3-Trichlorobenzene	ND	106	101	4.8	111	116	4.4	70 - 130	30
1,2,3-Trichloropropane	ND	112	101	10.3	107	112	4.6	70 - 130	30
1,2,4-Trichlorobenzene	ND	95	89	6.5	108	110	1.8	70 - 130	30
1,2,4-Trimethylbenzene	ND	105	99	5.9	113	113	0.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	111	113	1.8	120	125	4.1	70 - 130	30
1,2-Dichlorobenzene	ND	99	98	1.0	107	110	2.8	70 - 130	30

QA/QC Data

SDG I.D.: GBB07952

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
1,2-Dichloroethane	ND	103	104	1.0	114	117	2.6	70 - 130	30	
1,2-Dichloropropane	ND	107	106	0.9	116	117	0.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	107	103	3.8	114	115	0.9	70 - 130	30	
1,3-Dichlorobenzene	ND	96	93	3.2	107	112	4.6	70 - 130	30	
1,3-Dichloropropane	ND	107	104	2.8	113	118	4.3	70 - 130	30	
1,4-Dichlorobenzene	ND	94	92	2.2	104	108	3.8	70 - 130	30	
2,2-Dichloropropane	ND	108	101	6.7	118	117	0.9	70 - 130	30	
2-Chlorotoluene	ND	102	98	4.0	110	112	1.8	70 - 130	30	
2-Hexanone	ND	86	76	12.3	71	80	11.9	70 - 130	30	
2-Isopropyltoluene	ND	106	99	6.8	116	114	1.7	70 - 130	30	
4-Chlorotoluene	ND	96	93	3.2	110	112	1.8	70 - 130	30	
4-Methyl-2-pentanone	ND	100	103	3.0	117	131	11.3	70 - 130	30	m
Acetone	ND	78	68	13.7	46	54	16.0	70 - 130	30	l,m
Acrylonitrile	ND	106	97	8.9	118	137	14.9	70 - 130	30	m
Benzene	ND	105	103	1.9	118	119	0.8	70 - 130	30	
Bromobenzene	ND	102	99	3.0	107	108	0.9	70 - 130	30	
Bromochloromethane	ND	105	104	1.0	114	118	3.4	70 - 130	30	
Bromodichloromethane	ND	104	106	1.9	114	116	1.7	70 - 130	30	
Bromoform	ND	109	109	0.0	116	123	5.9	70 - 130	30	
Bromomethane	ND	96	95	1.0	99	97	2.0	70 - 130	30	
Carbon Disulfide	ND	101	97	4.0	124	112	10.2	70 - 130	30	
Carbon tetrachloride	ND	108	103	4.7	122	118	3.3	70 - 130	30	
Chlorobenzene	ND	99	96	3.1	110	114	3.6	70 - 130	30	
Chloroethane	ND	98	95	3.1	62	57	8.4	70 - 130	30	m
Chloroform	ND	107	101	5.8	116	114	1.7	70 - 130	30	
Chloromethane	ND	101	100	1.0	119	126	5.7	70 - 130	30	
cis-1,2-Dichloroethene	ND	106	102	3.8	116	116	0.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	106	105	0.9	114	118	3.4	70 - 130	30	
Dibromochloromethane	ND	107	102	4.8	113	116	2.6	70 - 130	30	
Dibromoethane	ND	105	106	0.9	117	121	3.4	70 - 130	30	
Dibromomethane	ND	105	106	0.9	116	120	3.4	70 - 130	30	
Dichlorodifluoromethane	ND	94	92	2.2	135	138	2.2	70 - 130	30	m
Ethylbenzene	ND	103	101	2.0	117	117	0.0	70 - 130	30	
Hexachlorobutadiene	ND	100	95	5.1	118	118	0.0	70 - 130	30	
Isopropylbenzene	ND	106	101	4.8	116	114	1.7	70 - 130	30	
m&p-Xylene	ND	103	101	2.0	118	118	0.0	70 - 130	30	
Methyl ethyl ketone	ND	82	73	11.6	64	78	19.7	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	104	105	1.0	114	123	7.6	70 - 130	30	
Methylene chloride	ND	98	96	2.1	114	105	8.2	70 - 130	30	
Naphthalene	ND	125	117	6.6	134	136	1.5	70 - 130	30	m
n-Butylbenzene	ND	106	93	13.1	120	115	4.3	70 - 130	30	
n-Propylbenzene	ND	97	92	5.3	114	115	0.9	70 - 130	30	
o-Xylene	ND	105	104	1.0	119	120	0.8	70 - 130	30	
p-Isopropyltoluene	ND	110	103	6.6	119	117	1.7	70 - 130	30	
sec-Butylbenzene	ND	106	100	5.8	119	120	0.8	70 - 130	30	
Styrene	ND	106	105	0.9	119	121	1.7	70 - 130	30	
tert-Butylbenzene	ND	107	103	3.8	117	118	0.9	70 - 130	30	
Tetrachloroethene	ND	99	94	5.2	118	117	0.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	109	108	0.9	120	131	8.8	70 - 130	30	m
Toluene	ND	103	103	0.0	118	119	0.8	70 - 130	30	
trans-1,2-Dichloroethene	ND	99	92	7.3	120	109	9.6	70 - 130	30	
trans-1,3-Dichloropropene	ND	107	105	1.9	115	116	0.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	106	105	0.9	112	116	3.5	70 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
Trichloroethene	ND	103	100	3.0	117	117	0.0	70 - 130	30	
Trichlorofluoromethane	ND	112	111	0.9	119	113	5.2	70 - 130	30	
Trichlorotrifluoroethane	ND	103	96	7.0	133	122	8.6	70 - 130	30	m
Vinyl chloride	ND	97	97	0.0	122	125	2.4	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	101	100	1.0	98	101	3.0	70 - 130	30	
% Bromofluorobenzene	93	100	103	3.0	107	105	1.9	70 - 130	30	
% Dibromofluoromethane	102	95	99	4.1	104	107	2.8	70 - 130	30	
% Toluene-d8	102	100	102	2.0	100	101	1.0	70 - 130	30	

QA/QC Batch 190086, QC Sample No: BB07352 (BB07952, BB07953, BB07954, BB07955, BB07956, BB07957, BB07958)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	92	96	4.3	78	78	0.0	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	91	94	3.2	112	112	0.0	40 - 140	30	
PCB-1262	ND							40 - 140	30	
PCB-1268	ND							40 - 140	30	
% DCBP (Surrogate Rec)	87	69	74	7.0	73	85	15.2	30 - 150	30	
% TCMX (Surrogate Rec)	86	75	79	5.2	70	73	4.2	30 - 150	30	

QA/QC Batch 190105, QC Sample No: BB07360 (BB07960, BB07961, BB07962, BB07963)

Polychlorinated Biphenyls - Water

PCB-1016	ND	94	97	3.1				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	83	86	3.6				40 - 140	20	
PCB-1262	ND							40 - 140	20	
PCB-1268	ND							40 - 140	20	
% DCBP (Surrogate Rec)	65	74	73	1.4				30 - 150	20	
% TCMX (Surrogate Rec)	81	90	91	1.1				30 - 150	20	

Comment:

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

QA/QC Batch 190146, QC Sample No: BB07504 (BB07960, BB07961, BB07962, BB07963)

Semivolatiles - Water

1,2,4-Trichlorobenzene	ND	59	60	1.7				30 - 130	20	
1,2-Dichlorobenzene	ND	63	63	0.0				30 - 130	20	
1,3-Dichlorobenzene	ND	62	62	0.0				30 - 130	20	
1,4-Dichlorobenzene	ND	63	63	0.0				30 - 130	20	
2,4-Dinitrotoluene	ND	79	80	1.3				30 - 130	20	
2,6-Dinitrotoluene	ND	84	82	2.4				30 - 130	20	
2-Chloronaphthalene	ND	74	74	0.0				30 - 130	20	
2-Methylnaphthalene	ND	71	70	1.4				30 - 130	20	
2-Nitroaniline	ND	>150	>150	NC				30 - 130	20	l
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC				30 - 130	20	
3-Nitroaniline	ND	110	107	2.8				30 - 130	20	
4-Bromophenyl phenyl ether	ND	75	74	1.3				30 - 130	20	
4-Chloroaniline	ND	33	31	6.3				30 - 130	20	

QA/QC Data

SDG I.D.: GBB07952

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
4-Chlorophenyl phenyl ether	ND	76	76	0.0				30 - 130	20	
4-Nitroaniline	ND	90	89	1.1				30 - 130	20	
Acenaphthene	ND	79	79	0.0				30 - 130	20	
Acenaphthylene	ND	75	75	0.0				30 - 130	20	
Anthracene	ND	86	85	1.2				30 - 130	20	
Azobenzene	ND	84	85	1.2				30 - 130	20	
Benz(a)anthracene	ND	94	93	1.1				30 - 130	20	
Benzidine	ND	N/A	N/A	NC				30 - 130	20	
Benzo(a)pyrene	ND	91	92	1.1				30 - 130	20	
Benzo(b)fluoranthene	ND	97	103	6.0				30 - 130	20	
Benzo(ghi)perylene	ND	73	59	21.2				30 - 130	20	r
Benzo(k)fluoranthene	ND	103	106	2.9				30 - 130	20	
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20	
Benzyl butyl phthalate	ND	77	76	1.3				30 - 130	20	
Bis(2-chloroethoxy)methane	ND	76	78	2.6				30 - 130	20	
Bis(2-chloroethyl)ether	ND	82	82	0.0				30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	81	81	0.0				30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	96	93	3.2				30 - 130	20	
Chrysene	ND	93	91	2.2				30 - 130	20	
Dibenz(a,h)anthracene	ND	77	65	16.9				30 - 130	20	
Dibenzofuran	ND	76	76	0.0				30 - 130	20	
Diethyl phthalate	ND	54	54	0.0				30 - 130	20	
Dimethylphthalate	ND	34	33	3.0				30 - 130	20	
Di-n-butylphthalate	ND	81	79	2.5				30 - 130	20	
Di-n-octylphthalate	ND	95	88	7.7				30 - 130	20	
Fluoranthene	ND	85	86	1.2				30 - 130	20	
Fluorene	ND	81	81	0.0				30 - 130	20	
Hexachlorobenzene	ND	81	79	2.5				30 - 130	20	
Hexachlorobutadiene	ND	55	54	1.8				30 - 130	20	
Hexachlorocyclopentadiene	ND	<5	<5	NC				30 - 130	20	I
Hexachloroethane	ND	52	52	0.0				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	76	65	15.6				30 - 130	20	
Isophorone	ND	65	65	0.0				30 - 130	20	
Naphthalene	ND	70	70	0.0				30 - 130	20	
Nitrobenzene	ND	77	79	2.6				30 - 130	20	
N-Nitrosodimethylamine	ND	66	70	5.9				30 - 130	20	
N-Nitrosodi-n-propylamine	ND	80	81	1.2				30 - 130	20	
N-Nitrosodiphenylamine	ND	86	85	1.2				30 - 130	20	
Phenanthrene	ND	84	84	0.0				30 - 130	20	
Pyrene	ND	87	87	0.0				30 - 130	20	
% 2-Fluorobiphenyl	57	63	60	4.9				30 - 130	20	
% Nitrobenzene-d5	73	76	76	0.0				30 - 130	20	
% Terphenyl-d14	80	70	70	0.0				30 - 130	20	

Comment:

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

QA/QC Batch 190138, QC Sample No: BB07952 (BB07952, BB07953, BB07954, BB07955, BB07956, BB07957, BB07958, BB07959)

Pesticides - Soil

4,4' -DDD	ND	87	95	8.8	107	105	1.9	40 - 140	30	
4,4' -DDE	ND	91	97	6.4	101	100	1.0	40 - 140	30	
4,4' -DDT	ND	88	91	3.4	99	98	1.0	40 - 140	30	
a-BHC	ND	91	97	6.4	101	100	1.0	40 - 140	30	
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
Aldrin	ND	91	96	5.3	99	98	1.0	40 - 140	30	
b-BHC	ND	83	94	12.4	95	97	2.1	40 - 140	30	
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30	
d-BHC	ND	90	97	7.5	100	100	0.0	40 - 140	30	
Dieldrin	ND	90	96	6.5	102	101	1.0	40 - 140	30	
Endosulfan I	ND	90	93	3.3	94	93	1.1	40 - 140	30	
Endosulfan II	ND	84	87	3.5	96	96	0.0	40 - 140	30	
Endosulfan sulfate	ND	84	89	5.8	95	96	1.0	40 - 140	30	
Endrin	ND	93	99	6.3	106	105	0.9	40 - 140	30	
Endrin aldehyde	ND	90	90	0.0	105	106	0.9	40 - 140	30	
Endrin ketone	ND	91	95	4.3	101	103	2.0	40 - 140	30	
g-BHC	ND	90	96	6.5	100	98	2.0	40 - 140	30	
Heptachlor	ND	79	82	3.7	85	83	2.4	40 - 140	30	
Heptachlor epoxide	ND	88	94	6.6	97	95	2.1	40 - 140	30	
Methoxychlor	ND	89	87	2.3	101	101	0.0	40 - 140	30	
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30	
% DCBP	65	68	72	5.7	72	75	4.1	40 - 140	30	
% TCMX	69	71	74	4.1	76	76	0.0	40 - 140	30	

QA/QC Batch 190137, QC Sample No: BB07952 (BB07952, BB07953, BB07954, BB07955, BB07956, BB07957, BB07958, BB07959)

Semivolatiles - Soil

1,2-Dichlorobenzene	ND	72	72	0.0	81	80	1.2	30 - 130	30	
1,3-Dichlorobenzene	ND	70	70	0.0	78	78	0.0	30 - 130	30	
1,4-Dichlorobenzene	ND	70	69	1.4	78	78	0.0	30 - 130	30	
2,4-Dinitrotoluene	ND	84	88	4.7	99	100	1.0	30 - 130	30	
2,6-Dinitrotoluene	ND	83	87	4.7	97	96	1.0	30 - 130	30	
2-Chloronaphthalene	ND	79	82	3.7	92	93	1.1	30 - 130	30	
2-Methylnaphthalene	ND	78	81	3.8	90	90	0.0	30 - 130	30	
2-Nitroaniline	ND	>150	>150	NC	NC	NC	NC	30 - 130	30	l
3,3'-Dichlorobenzidine	ND	88	94	6.6	96	92	4.3	30 - 130	30	
3-Nitroaniline	ND	>150	>150	NC	NC	NC	NC	30 - 130	30	l
4-Bromophenyl phenyl ether	ND	82	84	2.4	94	93	1.1	30 - 130	30	
4-Chloroaniline	ND	140	>150	NC	145	146	0.7	30 - 130	30	l,m
4-Chlorophenyl phenyl ether	ND	83	86	3.6	93	92	1.1	30 - 130	30	
4-Nitroaniline	ND	86	91	5.6	103	105	1.9	30 - 130	30	
Acenaphthene	ND	82	86	4.8	98	98	0.0	30 - 130	30	
Acenaphthylene	ND	79	83	4.9	95	95	0.0	30 - 130	30	
Anthracene	ND	87	91	4.5	111	111	0.0	30 - 130	30	
Benz(a)anthracene	ND	85	88	3.5	130	129	0.8	30 - 130	30	
Benzidine	ND	40	44	9.5	10	9.2	8.3	30 - 130	30	m
Benzo(a)pyrene	ND	86	89	3.4	133	133	0.0	30 - 130	30	m
Benzo(b)fluoranthene	ND	86	90	4.5	128	129	0.8	30 - 130	30	
Benzo(ghi)perylene	ND	88	89	1.1	112	105	6.5	30 - 130	30	
Benzo(k)fluoranthene	ND	88	92	4.4	121	127	4.8	30 - 130	30	
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC	30 - 130	30	
Benzyl butyl phthalate	ND	80	79	1.3	91	91	0.0	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	77	80	3.8	89	89	0.0	30 - 130	30	
Bis(2-chloroethyl)ether	ND	73	74	1.4	84	84	0.0	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	77	78	1.3	90	90	0.0	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	82	82	0.0	95	94	1.1	30 - 130	30	
Chrysene	ND	85	89	4.6	124	122	1.6	30 - 130	30	
Dibenz(a,h)anthracene	ND	90	91	1.1	104	99	4.9	30 - 130	30	
Dibenzofuran	ND	80	84	4.9	94	94	0.0	30 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits
Diethyl phthalate	ND	84	88	4.7	95	94	1.1	30 - 130	30
Dimethylphthalate	ND	83	86	3.6	94	93	1.1	30 - 130	30
Di-n-butylphthalate	ND	84	88	4.7	96	95	1.0	30 - 130	30
Di-n-octylphthalate	ND	86	89	3.4	99	97	2.0	30 - 130	30
Fluoranthene	ND	86	91	5.6	NC	NC	NC	30 - 130	30
Fluorene	ND	83	87	4.7	98	98	0.0	30 - 130	30
Hexachlorobenzene	ND	84	86	2.4	96	95	1.0	30 - 130	30
Hexachlorobutadiene	ND	77	78	1.3	81	81	0.0	30 - 130	30
Hexachlorocyclopentadiene	ND	73	73	0.0	75	75	0.0	30 - 130	30
Hexachloroethane	ND	71	70	1.4	79	78	1.3	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	89	90	1.1	116	110	5.3	30 - 130	30
Isophorone	ND	61	64	4.8	70	70	0.0	30 - 130	30
Naphthalene	ND	76	78	2.6	90	90	0.0	30 - 130	30
Nitrobenzene	ND	78	79	1.3	88	88	0.0	30 - 130	30
N-Nitrosodimethylamine	ND	68	68	0.0	88	89	1.1	30 - 130	30
N-Nitrosodi-n-propylamine	ND	74	77	4.0	89	88	1.1	30 - 130	30
N-Nitrosodiphenylamine	ND	102	108	5.7	109	109	0.0	30 - 130	30
Phenanthrene	ND	85	88	3.5	129	129	0.0	30 - 130	30
Pyrene	ND	84	90	6.9	NC	NC	NC	30 - 130	30
% 2-Fluorobiphenyl	76	75	81	7.7	90	90	0.0	30 - 130	30
% Nitrobenzene-d5	81	71	76	6.8	84	84	0.0	30 - 130	30
% Terphenyl-d14	91	84	92	9.1	96	96	0.0	30 - 130	30
QA/QC Batch 190151, QC Sample No: BB07959 (BB07959)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	75	74	1.3	94	94	0.0	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	87	78	10.9	90	89	1.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	76	77	77	0.0	70	70	0.0	30 - 150	30
% TCMX (Surrogate Rec)	77	78	81	3.8	75	77	2.6	30 - 150	30
QA/QC Batch 190290, QC Sample No: BB07964 (BB07960, BB07963, BB07964)									
Volatiles - Water									
1,1,1,2-Tetrachloroethane	ND	112	114	1.8	105	108	2.8	70 - 130	30
1,1,1-Trichloroethane	ND	110	106	3.7	94	98	4.2	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	99	102	3.0	97	105	7.9	70 - 130	30
1,1,2-Trichloroethane	ND	111	108	2.7	96	103	7.0	70 - 130	30
1,1-Dichloroethane	ND	107	101	5.8	92	96	4.3	70 - 130	30
1,1-Dichloroethene	ND	98	93	5.2	81	86	6.0	70 - 130	30
1,1-Dichloropropene	ND	114	102	11.1	87	95	8.8	70 - 130	30
1,2,3-Trichlorobenzene	ND	115	117	1.7	102	117	13.7	70 - 130	30
1,2,3-Trichloropropane	ND	112	109	2.7	101	104	2.9	70 - 130	30
1,2,4-Trichlorobenzene	ND	105	107	1.9	97	106	8.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	106	102	3.8	92	96	4.3	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	124	122	1.6	109	114	4.5	70 - 130	30
1,2-Dichlorobenzene	ND	101	101	0.0	95	100	5.1	70 - 130	30
1,2-Dichloroethane	ND	119	119	0.0	109	118	7.9	70 - 130	30
1,2-Dichloropropane	ND	115	108	6.3	101	104	2.9	70 - 130	30

QA/QC Data

SDG I.D.: GBB07952

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
1,3,5-Trimethylbenzene	ND	108	103	4.7	90	94	4.3	70 - 130	30	
1,3-Dichlorobenzene	ND	104	100	3.9	94	98	4.2	70 - 130	30	
1,3-Dichloropropane	ND	108	113	4.5	108	112	3.6	70 - 130	30	
1,4-Dichlorobenzene	ND	100	99	1.0	95	101	6.1	70 - 130	30	
2,2-Dichloropropane	ND	110	107	2.8	73	77	5.3	70 - 130	30	
2-Chlorotoluene	ND	101	98	3.0	89	90	1.1	70 - 130	30	
2-Hexanone	ND	115	114	0.9	119	134	11.9	70 - 130	30	m
2-Isopropyltoluene	ND	104	99	4.9	91	97	6.4	70 - 130	30	
4-Chlorotoluene	ND	99	93	6.3	87	93	6.7	70 - 130	30	
4-Methyl-2-pentanone	ND	116	118	1.7	111	118	6.1	70 - 130	30	
Acetone	ND	116	106	9.0	105	109	3.7	70 - 130	30	
Acrylonitrile	ND	92	93	1.1	97	100	3.0	70 - 130	30	
Benzene	ND	112	109	2.7	93	101	8.2	70 - 130	30	
Bromobenzene	ND	104	99	4.9	93	97	4.2	70 - 130	30	
Bromochloromethane	ND	104	103	1.0	90	100	10.5	70 - 130	30	
Bromodichloromethane	ND	126	120	4.9	111	113	1.8	70 - 130	30	
Bromoform	ND	114	115	0.9	112	116	3.5	70 - 130	30	
Bromomethane	ND	100	96	4.1	<40	50	NC	70 - 130	30	m
Carbon Disulfide	ND	117	105	10.8	78	81	3.8	70 - 130	30	
Carbon tetrachloride	ND	130	114	13.1	92	101	9.3	70 - 130	30	
Chlorobenzene	ND	102	100	2.0	97	100	3.0	70 - 130	30	
Chloroethane	ND	119	113	5.2	75	98	26.6	70 - 130	30	
Chloroform	ND	105	100	4.9	94	96	2.1	70 - 130	30	
Chloromethane	ND	105	106	0.9	87	91	4.5	70 - 130	30	
cis-1,2-Dichloroethene	ND	104	100	3.9	93	99	6.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	119	115	3.4	91	100	9.4	70 - 130	30	
Dibromochloromethane	ND	116	115	0.9	111	114	2.7	70 - 130	30	
Dibromoethane	ND	113	110	2.7	98	104	5.9	70 - 130	30	
Dibromomethane	ND	114	114	0.0	106	110	3.7	70 - 130	30	
Dichlorodifluoromethane	ND	131	120	8.8	91	103	12.4	70 - 130	30	l
Ethylbenzene	ND	104	102	1.9	95	99	4.1	70 - 130	30	
Hexachlorobutadiene	ND	99	97	2.0	91	96	5.3	70 - 130	30	
Isopropylbenzene	ND	102	95	7.1	86	89	3.4	70 - 130	30	
m&p-Xylene	ND	104	102	1.9	95	99	4.1	70 - 130	30	
Methyl ethyl ketone	ND	105	109	3.7	110	106	3.7	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	108	107	0.9	99	108	8.7	70 - 130	30	
Methylene chloride	ND	89	87	2.3	73	76	4.0	70 - 130	30	
Naphthalene	ND	115	121	5.1	100	121	19.0	70 - 130	30	
n-Butylbenzene	ND	105	102	2.9	90	95	5.4	70 - 130	30	
n-Propylbenzene	ND	96	91	5.3	87	91	4.5	70 - 130	30	
o-Xylene	ND	105	104	1.0	99	103	4.0	70 - 130	30	
p-Isopropyltoluene	ND	108	105	2.8	89	95	6.5	70 - 130	30	
sec-Butylbenzene	ND	101	97	4.0	88	93	5.5	70 - 130	30	
Styrene	ND	106	107	0.9	105	107	1.9	70 - 130	30	
tert-Butylbenzene	ND	104	99	4.9	90	94	4.3	70 - 130	30	
Tetrachloroethene	ND	108	102	5.7	95	100	5.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	106	109	2.8	108	112	3.6	70 - 130	30	
Toluene	ND	113	105	7.3	87	93	6.7	70 - 130	30	
trans-1,2-Dichloroethene	ND	103	97	6.0	86	90	4.5	70 - 130	30	
trans-1,3-Dichloropropene	ND	122	119	2.5	98	106	7.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	97	104	7.0	69	82	17.2	70 - 130	30	m
Trichloroethene	ND	107	105	1.9	97	102	5.0	70 - 130	30	
Trichlorofluoromethane	ND	120	113	6.0	80	86	7.2	70 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
Trichlorotrifluoroethane	ND	97	91	6.4	73	82	11.6	70 - 130	30	
Vinyl chloride	ND	108	101	6.7	83	86	3.6	70 - 130	30	
% 1,2-dichlorobenzene-d4	103	100	100	0.0	101	101	0.0	70 - 130	30	
% Bromofluorobenzene	95	103	103	0.0	106	109	2.8	70 - 130	30	
% Dibromofluoromethane	96	97	95	2.1	98	94	4.2	70 - 130	30	
% Toluene-d8	104	105	97	7.9	89	92	3.3	70 - 130	30	

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 190292, QC Sample No: BB08152 (BB07961)

Volatiles - Water

1,1,1,2-Tetrachloroethane	ND	107	115	7.2	120	114	5.1	70 - 130	30	
1,1,1-Trichloroethane	ND	98	101	3.0	110	102	7.5	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	94	100	6.2	100	98	2.0	70 - 130	30	
1,1,2-Trichloroethane	ND	100	109	8.6	111	108	2.7	70 - 130	30	
1,1-Dichloroethane	ND	91	93	2.2	108	105	2.8	70 - 130	30	
1,1-Dichloroethene	ND	82	84	2.4	124	118	5.0	70 - 130	30	
1,1-Dichloropropene	ND	93	102	9.2	127	123	3.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	121	128	5.6	113	110	2.7	70 - 130	30	
1,2,3-Trichloropropane	ND	102	104	1.9	105	100	4.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	109	110	0.9	108	99	8.7	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	124	112	10.2	140	140	0.0	70 - 130	30	m
1,2-Dichlorobenzene	ND	100	105	4.9	102	97	5.0	70 - 130	30	
1,2-Dichloroethane	ND	108	115	6.3	128	127	0.8	70 - 130	30	
1,2-Dichloropropane	ND	103	104	1.0	113	114	0.9	70 - 130	30	
1,3-Dichlorobenzene	ND	100	103	3.0	105	96	9.0	70 - 130	30	
1,3-Dichloropropane	ND	109	110	0.9	109	108	0.9	70 - 130	30	
1,4-Dichlorobenzene	ND	98	100	2.0	106	98	7.8	70 - 130	30	
2,2-Dichloropropane	ND	73	75	2.7	53	49	7.8	70 - 130	30	m
2-Chlorotoluene	ND	92	96	4.3	99	94	5.2	70 - 130	30	
2-Hexanone	ND	120	119	0.8	97	105	7.9	70 - 130	30	
2-Isopropyltoluene	ND	98	104	5.9	106	99	6.8	70 - 130	30	
4-Chlorotoluene	ND	93	97	4.2	100	93	7.3	70 - 130	30	
4-Methyl-2-pentanone	ND	110	115	4.4	109	111	1.8	70 - 130	30	
Acetone	ND	94	104	10.1	NC	<40	NC	70 - 130	30	m
Acrylonitrile	ND	91	89	2.2	68	42	47.3	70 - 130	30	m,r
Bromobenzene	ND	99	103	4.0	97	93	4.2	70 - 130	30	
Bromochloromethane	ND	94	97	3.1	99	96	3.1	70 - 130	30	
Bromodichloromethane	ND	111	116	4.4	133	130	2.3	70 - 130	30	m
Bromoform	ND	119	122	2.5	137	130	5.2	70 - 130	30	m
Bromomethane	ND	55	65	16.7	49	60	20.2	70 - 130	30	l,m
Carbon Disulfide	ND	77	80	3.8	113	105	7.3	70 - 130	30	
Carbon tetrachloride	ND	104	113	8.3	128	122	4.8	70 - 130	30	
Chlorobenzene	ND	98	103	5.0	106	102	3.8	70 - 130	30	
Chloroethane	ND	82	93	12.6	67	90	29.3	70 - 130	30	m
Chloroform	ND	94	97	3.1	104	101	2.9	70 - 130	30	
Chloromethane	ND	83	84	1.2	95	92	3.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	94	97	3.1	106	102	3.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	97	103	6.0	105	105	0.0	70 - 130	30	
Dibromochloromethane	ND	117	119	1.7	125	124	0.8	70 - 130	30	
Dibromoethane	ND	103	107	3.8	110	111	0.9	70 - 130	30	
Dibromomethane	ND	108	113	4.5	112	117	4.4	70 - 130	30	
Dichlorodifluoromethane	ND	80	82	2.5	93	122	27.0	70 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
Hexachlorobutadiene	ND	99	104	4.9	113	98	14.2	70 - 130	30	
Isopropylbenzene	ND	91	97	6.4	103	96	7.0	70 - 130	30	
Methyl ethyl ketone	ND	96	100	4.1	92	103	11.3	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	98	104	5.9	94	105	11.1	70 - 130	30	
Methylene chloride	ND	66	72	8.7	76	82	7.6	70 - 130	30	l
n-Butylbenzene	ND	97	103	6.0	109	96	12.7	70 - 130	30	
n-Propylbenzene	ND	87	92	5.6	102	93	9.2	70 - 130	30	
o-Xylene	ND	104	109	4.7	111	106	4.6	70 - 130	30	
p-Isopropyltoluene	ND	101	108	6.7	106	95	10.9	70 - 130	30	
sec-Butylbenzene	ND	94	99	5.2	108	98	9.7	70 - 130	30	
Styrene	ND	108	112	3.6	110	103	6.6	70 - 130	30	
tert-Butylbenzene	ND	95	101	6.1	108	102	5.7	70 - 130	30	
Tetrachloroethene	ND	102	110	7.5	122	112	8.5	70 - 130	30	
Tetrahydrofuran (THF)	ND	101	99	2.0	57	95	50.0	70 - 130	30	m,r
Toluene	ND	94	102	8.2	110	110	0.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	88	89	1.1	110	102	7.5	70 - 130	30	
trans-1,3-Dichloropropene	ND	100	110	9.5	103	105	1.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	79	83	4.9	54	57	5.4	70 - 130	30	m
Trichloroethene	ND	105	108	2.8	124	107	14.7	70 - 130	30	
Trichlorofluoromethane	ND	98	101	3.0	97	105	7.9	70 - 130	30	
Trichlorotrifluoroethane	ND	82	84	2.4	119	101	16.4	70 - 130	30	
Vinyl chloride	ND	80	82	2.5	91	86	5.6	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	101	101	0.0	100	101	1.0	70 - 130	30	
% Bromofluorobenzene	100	104	102	1.9	104	105	1.0	70 - 130	30	
% Dibromofluoromethane	95	93	92	1.1	97	95	2.1	70 - 130	30	
% Toluene-d8	96	89	93	4.4	98	103	5.0	70 - 130	30	

QA/QC Batch 190391, QC Sample No: BB08355 (BB07961 (200X) , BB07962)

Volatiles - Water

1,1,1,2-Tetrachloroethane	ND	107	120	11.5	110	112	1.8	70 - 130	30	
1,1,1-Trichloroethane	ND	89	98	9.6	102	104	1.9	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	89	102	13.6	98	100	2.0	70 - 130	30	
1,1,2-Trichloroethane	ND	102	118	14.5	104	107	2.8	70 - 130	30	
1,1-Dichloroethane	ND	105	120	13.3	105	106	0.9	70 - 130	30	
1,1-Dichloroethene	ND	106	119	11.6	102	105	2.9	70 - 130	30	
1,1-Dichloropropene	ND	83	93	11.4	90	95	5.4	70 - 130	30	
1,2,3-Trichlorobenzene	ND	112	124	10.2	96	113	16.3	70 - 130	30	
1,2,3-Trichloropropane	ND	96	105	9.0	97	98	1.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	103	116	11.9	93	107	14.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	94	105	11.1	92	95	3.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	119	142	17.6	118	130	9.7	70 - 130	30	l
1,2-Dichlorobenzene	ND	91	103	12.4	92	95	3.2	70 - 130	30	
1,2-Dichloroethane	ND	92	106	14.1	90	92	2.2	70 - 130	30	
1,2-Dichloropropane	ND	98	115	16.0	106	107	0.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	94	104	10.1	92	96	4.3	70 - 130	30	
1,3-Dichlorobenzene	ND	93	103	10.2	94	97	3.1	70 - 130	30	
1,3-Dichloropropane	ND	99	111	11.4	101	104	2.9	70 - 130	30	
1,4-Dichlorobenzene	ND	93	103	10.2	92	94	2.2	70 - 130	30	
2,2-Dichloropropane	ND	85	94	10.1	77	75	2.6	70 - 130	30	
2-Chlorotoluene	ND	89	98	9.6	92	97	5.3	70 - 130	30	
2-Hexanone	ND	87	98	11.9	86	101	16.0	70 - 130	30	
2-Isopropyltoluene	ND	91	102	11.4	93	96	3.2	70 - 130	30	
4-Chlorotoluene	ND	86	98	13.0	94	95	1.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBB07952

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
4-Methyl-2-pentanone	ND	101	117	14.7	103	105	1.9	70 - 130	30	
Acetone	ND	116	133	13.7	113	126	10.9	70 - 130	30	l
Acrylonitrile	ND	96	111	14.5	104	102	1.9	70 - 130	30	
Benzene	ND	82	94	13.6	88	91	3.4	70 - 130	30	
Bromobenzene	ND	94	105	11.1	96	98	2.1	70 - 130	30	
Bromochloromethane	ND	108	123	13.0	106	104	1.9	70 - 130	30	
Bromodichloromethane	ND	113	129	13.2	113	115	1.8	70 - 130	30	
Bromoform	ND	120	141	16.1	125	130	3.9	70 - 130	30	l
Bromomethane	ND	77	86	11.0	63	72	13.3	70 - 130	30	m
Carbon Disulfide	ND	111	123	10.3	106	110	3.7	70 - 130	30	
Carbon tetrachloride	ND	109	115	5.4	106	107	0.9	70 - 130	30	
Chlorobenzene	ND	92	104	12.2	96	99	3.1	70 - 130	30	
Chloroethane	ND	109	113	3.6	110	111	0.9	70 - 130	30	
Chloroform	ND	106	118	10.7	102	102	0.0	70 - 130	30	
Chloromethane	ND	100	103	3.0	104	107	2.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	107	120	11.5	105	105	0.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	105	122	15.0	105	107	1.9	70 - 130	30	
Dibromochloromethane	ND	111	125	11.9	112	115	2.6	70 - 130	30	
Dibromoethane	ND	107	122	13.1	107	107	0.0	70 - 130	30	
Dibromomethane	ND	104	119	13.5	105	107	1.9	70 - 130	30	
Dichlorodifluoromethane	ND	91	115	23.3	112	102	9.3	70 - 130	30	
Ethylbenzene	ND	93	105	12.1	95	98	3.1	70 - 130	30	
Hexachlorobutadiene	ND	97	106	8.9	93	101	8.2	70 - 130	30	
Isopropylbenzene	ND	89	98	9.6	92	96	4.3	70 - 130	30	
m&p-Xylene	ND	93	104	11.2	95	98	3.1	70 - 130	30	
Methyl ethyl ketone	ND	78	94	18.6	107	112	4.6	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	103	121	16.1	103	108	4.7	70 - 130	30	
Methylene chloride	ND	98	106	7.8	93	95	2.1	70 - 130	30	
Naphthalene	ND	114	134	16.1	95	121	24.1	70 - 130	30	l
n-Butylbenzene	ND	93	104	11.2	87	94	7.7	70 - 130	30	
n-Propylbenzene	ND	84	94	11.2	92	97	5.3	70 - 130	30	
o-Xylene	ND	95	106	10.9	97	101	4.0	70 - 130	30	
p-Isopropyltoluene	ND	96	107	10.8	91	95	4.3	70 - 130	30	
sec-Butylbenzene	ND	88	98	10.8	91	95	4.3	70 - 130	30	
Styrene	ND	97	110	12.6	98	101	3.0	70 - 130	30	
tert-Butylbenzene	ND	91	100	9.4	93	96	3.2	70 - 130	30	
Tetrachloroethene	ND	97	108	10.7	96	100	4.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	89	99	10.6	111	111	0.0	70 - 130	30	
Toluene	ND	100	114	13.1	102	104	1.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	105	120	13.3	102	103	1.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	108	127	16.2	110	109	0.9	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	75	92	20.4	67	76	12.6	70 - 130	30	m
Trichloroethene	ND	96	109	12.7	98	101	3.0	70 - 130	30	
Trichlorofluoromethane	ND	115	129	11.5	91	91	0.0	70 - 130	30	
Trichlorotrifluoroethane	ND	98	112	13.3	90	87	3.4	70 - 130	30	
Vinyl chloride	ND	97	111	13.5	102	106	3.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	98	99	1.0	99	99	0.0	70 - 130	30	
% Bromofluorobenzene	97	104	105	1.0	100	102	2.0	70 - 130	30	
% Dibromofluoromethane	108	105	97	7.9	102	100	2.0	70 - 130	30	
% Toluene-d8	104	103	104	1.0	101	102	1.0	70 - 130	30	

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 190519, QC Sample No: BB08520 (BB07958)

Volatiles - Soil

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
1,1,1,2-Tetrachloroethane	ND	97	99	2.0	94	95	1.1	70 - 130	30	
1,1,1-Trichloroethane	ND	96	101	5.1	104	107	2.8	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	82	85	3.6	92	96	4.3	70 - 130	30	
1,1,2-Trichloroethane	ND	95	99	4.1	94	93	1.1	70 - 130	30	
1,1-Dichloroethane	ND	94	98	4.2	99	101	2.0	70 - 130	30	
1,1-Dichloroethene	ND	83	81	2.4	91	97	6.4	70 - 130	30	
1,1-Dichloropropene	ND	94	96	2.1	98	101	3.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	90	92	2.2	66	68	3.0	70 - 130	30	m
1,2,3-Trichloropropane	ND	91	94	3.2	91	93	2.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	76	78	2.6	55	58	5.3	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	89	90	1.1	84	87	3.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	97	102	5.0	95	93	2.1	70 - 130	30	
1,2-Dichlorobenzene	ND	84	88	4.7	76	77	1.3	70 - 130	30	
1,2-Dichloroethane	ND	91	93	2.2	91	92	1.1	70 - 130	30	
1,2-Dichloropropane	ND	95	98	3.1	96	96	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	91	94	3.2	86	90	4.5	70 - 130	30	
1,3-Dichlorobenzene	ND	82	85	3.6	71	74	4.1	70 - 130	30	
1,3-Dichloropropane	ND	96	98	2.1	92	92	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	79	82	3.7	68	70	2.9	70 - 130	30	m
2,2-Dichloropropane	ND	93	94	1.1	84	89	5.8	70 - 130	30	
2-Chlorotoluene	ND	88	90	2.2	84	87	3.5	70 - 130	30	
2-Hexanone	ND	78	93	17.5	<40	<40	NC	70 - 130	30	m
2-Isopropyltoluene	ND	91	91	0.0	88	95	7.7	70 - 130	30	
4-Chlorotoluene	ND	81	84	3.6	76	79	3.9	70 - 130	30	
4-Methyl-2-pentanone	ND	87	91	4.5	82	77	6.3	70 - 130	30	
Acetone	ND	64	73	13.1	<40	<40	NC	70 - 130	30	l,m
Acrylonitrile	ND	91	95	4.3	87	87	0.0	70 - 130	30	
Benzene	ND	94	95	1.1	94	96	2.1	70 - 130	30	
Bromobenzene	ND	89	94	5.5	82	86	4.8	70 - 130	30	
Bromochloromethane	ND	95	100	5.1	99	96	3.1	70 - 130	30	
Bromodichloromethane	ND	96	97	1.0	94	95	1.1	70 - 130	30	
Bromoform	ND	97	98	1.0	95	93	2.1	70 - 130	30	
Bromomethane	ND	77	84	8.7	90	89	1.1	70 - 130	30	
Carbon Disulfide	ND	88	86	2.3	83	90	8.1	70 - 130	30	
Carbon tetrachloride	ND	98	97	1.0	101	103	2.0	70 - 130	30	
Chlorobenzene	ND	89	91	2.2	84	85	1.2	70 - 130	30	
Chloroethane	ND	85	85	0.0	90	93	3.3	70 - 130	30	
Chloroform	ND	96	99	3.1	96	100	4.1	70 - 130	30	
Chloromethane	ND	90	95	5.4	103	104	1.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	96	99	3.1	94	98	4.2	70 - 130	30	
cis-1,3-Dichloropropene	ND	91	93	2.2	79	82	3.7	70 - 130	30	
Dibromochloromethane	ND	97	101	4.0	95	96	1.0	70 - 130	30	
Dibromoethane	ND	97	99	2.0	91	92	1.1	70 - 130	30	
Dibromomethane	ND	94	95	1.1	90	94	4.3	70 - 130	30	
Dichlorodifluoromethane	ND	84	91	8.0	116	117	0.9	70 - 130	30	
Ethylbenzene	ND	92	95	3.2	89	91	2.2	70 - 130	30	
Hexachlorobutadiene	ND	86	89	3.4	79	83	4.9	70 - 130	30	
Isopropylbenzene	ND	90	95	5.4	93	98	5.2	70 - 130	30	
m&p-Xylene	ND	89	92	3.3	87	88	1.1	70 - 130	30	
Methyl ethyl ketone	ND	73	85	15.2	<40	<40	NC	70 - 130	30	m

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
Methyl t-butyl ether (MTBE)	ND	93	92	1.1	93	98	5.2	70 - 130	30	
Methylene chloride	ND	87	87	0.0	83	90	8.1	70 - 130	30	
Naphthalene	ND	107	103	3.8	82	88	7.1	70 - 130	30	
n-Butylbenzene	ND	87	85	2.3	75	82	8.9	70 - 130	30	
n-Propylbenzene	ND	83	87	4.7	86	91	5.6	70 - 130	30	
o-Xylene	ND	93	95	2.1	91	92	1.1	70 - 130	30	
p-Isopropyltoluene	ND	92	94	2.2	83	89	7.0	70 - 130	30	
sec-Butylbenzene	ND	88	92	4.4	91	95	4.3	70 - 130	30	
Styrene	ND	91	94	3.2	82	81	1.2	70 - 130	30	
tert-Butylbenzene	ND	92	95	3.2	95	100	5.1	70 - 130	30	
Tetrachloroethene	ND	90	92	2.2	90	90	0.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	91	95	4.3	93	97	4.2	70 - 130	30	
Toluene	ND	92	94	2.2	90	91	1.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	89	83	7.0	79	87	9.6	70 - 130	30	
trans-1,3-Dichloropropene	ND	92	91	1.1	75	77	2.6	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	86	85	1.2	60	64	6.5	70 - 130	30	m
Trichloroethene	ND	98	101	3.0	92	94	2.2	70 - 130	30	
Trichlorofluoromethane	ND	94	102	8.2	97	95	2.1	70 - 130	30	
Trichlorotrifluoroethane	ND	86	85	1.2	93	100	7.3	70 - 130	30	
Vinyl chloride	ND	84	87	3.5	95	95	0.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	98	100	2.0	97	98	1.0	70 - 130	30	
% Bromofluorobenzene	96	102	101	1.0	102	100	2.0	70 - 130	30	
% Dibromofluoromethane	102	97	98	1.0	103	102	1.0	70 - 130	30	
% Toluene-d8	99	99	98	1.0	99	99	0.0	70 - 130	30	

QA/QC Batch 190517, QC Sample No: BB09020 (BB07952, BB07959)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	105	111	5.6	103	113	9.3	70 - 130	30	
1,1,1-Trichloroethane	ND	105	110	4.7	114	120	5.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	102	111	8.5	99	108	8.7	70 - 130	30	
1,1,2-Trichloroethane	ND	105	113	7.3	106	116	9.0	70 - 130	30	
1,1-Dichloroethane	ND	103	106	2.9	109	111	1.8	70 - 130	30	
1,1-Dichloroethene	ND	100	99	1.0	106	101	4.8	70 - 130	30	
1,1-Dichloropropene	ND	103	108	4.7	118	125	5.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	115	117	1.7	95	111	15.5	70 - 130	30	
1,2,3-Trichloropropane	ND	104	113	8.3	100	111	10.4	70 - 130	30	
1,2,4-Trichlorobenzene	ND	105	102	2.9	92	102	10.3	70 - 130	30	
1,2,4-Trimethylbenzene	ND	107	108	0.9	106	113	6.4	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	111	126	12.7	103	117	12.7	70 - 130	30	
1,2-Dichlorobenzene	ND	101	106	4.8	97	109	11.7	70 - 130	30	
1,2-Dichloroethane	ND	101	108	6.7	103	112	8.4	70 - 130	30	
1,2-Dichloropropane	ND	105	111	5.6	107	116	8.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	108	110	1.8	106	115	8.1	70 - 130	30	
1,3-Dichlorobenzene	ND	101	104	2.9	98	109	10.6	70 - 130	30	
1,3-Dichloropropane	ND	104	111	6.5	105	114	8.2	70 - 130	30	
1,4-Dichlorobenzene	ND	99	102	3.0	96	107	10.8	70 - 130	30	
2,2-Dichloropropane	ND	107	110	2.8	107	112	4.6	70 - 130	30	
2-Chlorotoluene	ND	102	107	4.8	104	113	8.3	70 - 130	30	
2-Hexanone	ND	92	97	5.3	59	73	21.2	70 - 130	30	m
2-Isopropyltoluene	ND	105	105	0.0	109	117	7.1	70 - 130	30	
4-Chlorotoluene	ND	100	101	1.0	101	111	9.4	70 - 130	30	
4-Methyl-2-pentanone	ND	101	114	12.1	97	107	9.8	70 - 130	30	
Acetone	ND	87	86	1.2	<40	51	NC	70 - 130	30	m

QA/QC Data

SDG I.D.: GBB07952

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits	
Acrylonitrile	ND	100	110	9.5	112	121	7.7	70 - 130	30	
Benzene	ND	103	108	4.7	109	116	6.2	70 - 130	30	
Bromobenzene	ND	105	109	3.7	100	109	8.6	70 - 130	30	
Bromochloromethane	ND	102	116	12.8	108	116	7.1	70 - 130	30	
Bromodichloromethane	ND	104	112	7.4	105	112	6.5	70 - 130	30	
Bromoform	ND	112	119	6.1	104	111	6.5	70 - 130	30	
Bromomethane	ND	95	103	8.1	75	80	6.5	70 - 130	30	
Carbon Disulfide	ND	108	106	1.9	103	99	4.0	70 - 130	30	
Carbon tetrachloride	ND	104	106	1.9	114	116	1.7	70 - 130	30	
Chlorobenzene	ND	100	106	5.8	103	112	8.4	70 - 130	30	
Chloroethane	ND	100	103	3.0	45	43	4.5	70 - 130	30	m
Chloroform	ND	105	111	5.6	106	115	8.1	70 - 130	30	
Chloromethane	ND	99	105	5.9	108	125	14.6	70 - 130	30	
cis-1,2-Dichloroethene	ND	105	113	7.3	110	122	10.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	105	111	5.6	103	110	6.6	70 - 130	30	
Dibromochloromethane	ND	107	115	7.2	106	113	6.4	70 - 130	30	
Dibromoethane	ND	107	115	7.2	112	121	7.7	70 - 130	30	
Dibromomethane	ND	104	112	7.4	105	117	10.8	70 - 130	30	
Dichlorodifluoromethane	ND	93	94	1.1	126	142	11.9	70 - 130	30	m
Ethylbenzene	ND	104	108	3.8	109	117	7.1	70 - 130	30	
Hexachlorobutadiene	ND	102	104	1.9	109	119	8.8	70 - 130	30	
Isopropylbenzene	ND	105	108	2.8	109	119	8.8	70 - 130	30	
m&p-Xylene	ND	104	108	3.8	108	116	7.1	70 - 130	30	
Methyl ethyl ketone	ND	89	93	4.4	53	71	29.0	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	99	108	8.7	103	112	8.4	70 - 130	30	
Methylene chloride	ND	104	102	1.9	95	92	3.2	70 - 130	30	
Naphthalene	ND	123	123	0.0	105	121	14.2	70 - 130	30	
n-Butylbenzene	ND	110	103	6.6	107	110	2.8	70 - 130	30	
n-Propylbenzene	ND	99	101	2.0	109	116	6.2	70 - 130	30	
o-Xylene	ND	106	111	4.6	110	118	7.0	70 - 130	30	
p-Isopropyltoluene	ND	111	111	0.0	109	116	6.2	70 - 130	30	
sec-Butylbenzene	ND	104	105	1.0	112	119	6.1	70 - 130	30	
Styrene	ND	106	112	5.5	106	116	9.0	70 - 130	30	
tert-Butylbenzene	ND	104	107	2.8	111	119	7.0	70 - 130	30	
Tetrachloroethene	ND	101	104	2.9	112	119	6.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	103	116	11.9	109	117	7.1	70 - 130	30	
Toluene	ND	102	108	5.7	107	116	8.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	105	98	6.9	100	94	6.2	70 - 130	30	
trans-1,3-Dichloropropene	ND	106	112	5.5	101	107	5.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	112	115	2.6	95	99	4.1	70 - 130	30	
Trichloroethene	ND	102	107	4.8	111	121	8.6	70 - 130	30	
Trichlorofluoromethane	ND	116	125	7.5	48	51	6.1	70 - 130	30	m
Trichlorotrifluoroethane	ND	105	104	1.0	110	108	1.8	70 - 130	30	
Vinyl chloride	ND	98	104	5.9	107	119	10.6	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	99	101	2.0	100	100	0.0	70 - 130	30	
% Bromofluorobenzene	94	99	101	2.0	103	103	0.0	70 - 130	30	
% Dibromofluoromethane	102	105	102	2.9	101	100	1.0	70 - 130	30	
% Toluene-d8	99	99	98	1.0	99	100	1.0	70 - 130	30	

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

QA/QC Data

SDG I.D.: GBB07952

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	% Rec Limits	% RPD Limits

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
December 16, 2011

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

December 16, 2011

SDG I.D.: GBB07952

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

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

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

Data Delivery:
☐ Fax #:
☑ Email: csosik@ebcincny.com

Customer: EBC
Address: 1808 Middle Country Road, Bldg, NY

Project: 462 Kent AVE Brooklyn, NY
Report to: Charlie Sosik
Invoice to: EBC - CHARLIE SOSIK

Project P.O:
Phone #: 631-504-6000
Fax #: 631-924-2870

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12-5-2011

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260 Full List	SVOCs 8270 SIM	TAL Metals	Pesticides/PCB 8081/8082	Glass Soil Container (4oz)	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container (2) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
07952	B1 0-2	S	12-5-2011							2	1								3
07953	B1 4-6									2	1								3
07954	B2 0-2								2	1	1								4
07955	B2 6-8									2	1								3
07956	B3 0-2								2	1	1								4
07957	B3 4-6								2	1	1								4
07958	B4 0-2									2	1								3
07959	B4 4-6									2	1								3
07960	B1	GW										3	2	1		1			7
07961	B2											3	2	1		1			7
07962	B3											3	2	1		1			7
07963	B4											3	2	1		1			7

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12/5/2011	1600
[signature]	Brittany Hawbee	12/5/11	17:00

Comments, Special Requirements or Regulations:

* ESITE PRICING
SEE MARTY ROWAN
* TRIP BLANK FOR VOCs ONLY 07964

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

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

NY
☐ TOGS GA GW
☐ CP-51 Soil
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

Data Format
☑ Phoenix Std Report
☑ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

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

NY # 11301

Draft Progress Report

December 16, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	KB	12/06/11	15:14
Location Code:	EBC | SS	Received by:	LB	12/07/11	18:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB08663
Phoenix ID: BB08663

Project ID: WFR1101
Client ID: SS3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference	
Helium	ND	*10*			12/16/11	KCA	PEL	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15	
1,1,1-Trichloroethane	0.57	*0.183*	3.11	*1.0*	12/08/11	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.0*	12/08/11	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.0*	12/08/11	KCA	TO15	
1,2,4-Trimethylbenzene	0.7	*0.204*	3.44	*1.0*	12/08/11	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.0*	12/08/11	KCA	TO15	
1,3,5-Trimethylbenzene	0.52	*0.204*	2.55	*1.0*	12/08/11	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.0*	12/08/11	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.0*	12/08/11	KCA	TO15	
4-Ethyltoluene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15	
4-Isopropyltoluene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15	
4-Methyl-2-pentanone(MIBK)	1.89	*0.244*	7.74	*1.0*	12/08/11	KCA	TO15	
Acetone	12.9	*0.421*	30.6	*1.0*	12/08/11	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.0*	12/08/11	KCA	TO15	
Benzene	1.12	*0.313*	3.58	*1.0*	12/08/11	KCA	TO15	

Project ID: WFR1101 Phoenix I.D.: BB08663

Client ID: SS3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Benzyl chloride	ND	*0.193*	ND	*1.0*	12/08/11	KCA	TO15
Bromodichloromethane	ND	*0.149*	ND	*1.0*	12/08/11	KCA	TO15
Bromoform	ND	*0.097*	ND	*1.0*	12/08/11	KCA	TO15
Bromomethane	ND	*0.258*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Disulfide	ND	*0.321*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Tetrachloride	0.1	*0.040*	0.629	*0.25*	12/08/11	KCA	TO15
Chlorobenzene	ND	*0.217*	ND	*1.0*	12/08/11	KCA	TO15
Chloroethane	ND	*0.379*	ND	*1.0*	12/08/11	KCA	TO15
Chloroform	ND	*0.205*	ND	*1.0*	12/08/11	KCA	TO15
Chloromethane	ND	*0.484*	ND	*1.0*	12/08/11	KCA	TO15
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Cyclohexane	0.61	*0.291*	2.10	*1.0*	12/08/11	KCA	TO15
Dibromochloromethane	ND	*0.117*	ND	*1.0*	12/08/11	KCA	TO15
Dichlorodifluoromethane	0.71	*0.202*	3.51	*1.0*	12/08/11	KCA	TO15
Ethanol	92.9	*0.531*	175	*1.0*	12/08/11	KCA	TO15
Ethyl acetate	0.4	*0.278*	1.44	*1.0*	12/08/11	KCA	TO15
Ethylbenzene	0.53	*0.230*	2.30	*1.0*	12/08/11	KCA	TO15
Heptane	0.34	*0.244*	1.39	*1.0*	12/08/11	KCA	TO15
Hexachlorobutadiene	ND	*0.094*	ND	*1.0*	12/08/11	KCA	TO15
Hexane	1.48	*0.284*	5.21	*1.0*	12/08/11	KCA	TO15
Isopropylalcohol	ND	*0.407*	ND	*1.0*	12/08/11	KCA	TO15
Isopropylbenzene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15
m,p-Xylene	1.5	*0.230*	6.51	*1.0*	12/08/11	KCA	TO15
Methyl Ethyl Ketone	5.85	*0.339*	17.2	*1.0*	12/08/11	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
Methylene Chloride	14.5	*0.288*	50.3	*1.0*	12/08/11	KCA	TO15
n-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
o-Xylene	0.48	*0.230*	2.08	*1.0*	12/08/11	KCA	TO15
Propylene	ND	*0.581*	ND	*1.0*	12/08/11	KCA	TO15
sec-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
Styrene	ND	*0.235*	ND	*1.0*	12/08/11	KCA	TO15
Tetrachloroethene	1.58	*0.037*	10.7	*0.25*	12/08/11	KCA	TO15
Tetrahydrofuran	16.2	*0.339*	47.7	*1.0*	12/08/11	KCA	TO15
Toluene	6.2	*0.266*	23.4	*1.0*	12/08/11	KCA	TO15
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Trichloroethene	0.16	*0.047*	0.859	*0.25*	12/08/11	KCA	TO15
Trichlorofluoromethane	2.09	*0.178*	11.7	*1.0*	12/08/11	KCA	TO15
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15
Vinyl Chloride	ND	*0.098*	ND	*0.25*	12/08/11	KCA	TO15
QA/QC Surrogates							
% Bromofluorobenzene	106	*%*	106	*%*	12/08/11	KCA	70 - 130 %

Project ID: WFR1101 Phoenix I.D.: BB08663
Client ID: SS3

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

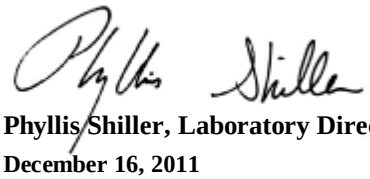
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

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

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



Phyllis Shiller, Laboratory Director
December 16, 2011

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

NY # 11301

Draft Progress Report

December 16, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	KB	12/06/11	15:37
Location Code:	EBC | SS	Received by:	LB	12/07/11	18:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB08663
Phoenix ID: BB08664

Project ID: WFR1101
Client ID: SS2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference	
Helium	ND	*10*			12/16/11	KCA	PEL	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/09/11	KCA	TO15	
1,1,1-Trichloroethane	0.35	*0.183*	1.91	*1.0*	12/09/11	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/09/11	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.0*	12/09/11	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.0*	12/09/11	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.0*	12/09/11	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.0*	12/09/11	KCA	TO15	
1,2,4-Trimethylbenzene	0.79	*0.204*	3.88	*1.0*	12/09/11	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.0*	12/09/11	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/09/11	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.0*	12/09/11	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.0*	12/09/11	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.0*	12/09/11	KCA	TO15	
1,3,5-Trimethylbenzene	0.25	*0.204*	1.23	*1.0*	12/09/11	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.0*	12/09/11	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/09/11	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/09/11	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.0*	12/09/11	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.0*	12/09/11	KCA	TO15	
4-Ethyltoluene	0.41	*0.204*	2.01	*1.0*	12/09/11	KCA	TO15	
4-Isopropyltoluene	0.18	*0.182*	0.987	*1.0*	12/09/11	KCA	TO15	
4-Methyl-2-pentanone(MIBK)	1.71	*0.244*	7.00	*1.0*	12/09/11	KCA	TO15	
Acetone	13.2	*0.421*	31.3	*1.0*	12/09/11	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.0*	12/09/11	KCA	TO15	
Benzene	1.41	*0.313*	4.50	*1.0*	12/09/11	KCA	TO15	

Project ID: WFR1101
Client ID: SS2

Phoenix I.D.: BB08664

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Benzyl chloride	ND	*0.193*	ND	*1.0*	12/09/11	KCA	TO15
Bromodichloromethane	ND	*0.149*	ND	*1.0*	12/09/11	KCA	TO15
Bromoform	ND	*0.097*	ND	*1.0*	12/09/11	KCA	TO15
Bromomethane	ND	*0.258*	ND	*1.0*	12/09/11	KCA	TO15
Carbon Disulfide	ND	*0.321*	ND	*1.0*	12/09/11	KCA	TO15
Carbon Tetrachloride	0.09	*0.040*	0.566	*0.25*	12/09/11	KCA	TO15
Chlorobenzene	ND	*0.217*	ND	*1.0*	12/09/11	KCA	TO15
Chloroethane	ND	*0.379*	ND	*1.0*	12/09/11	KCA	TO15
Chloroform	ND	*0.205*	ND	*1.0*	12/09/11	KCA	TO15
Chloromethane	ND	*0.484*	ND	*1.0*	12/09/11	KCA	TO15
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/09/11	KCA	TO15
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/09/11	KCA	TO15
Cyclohexane	0.87	*0.291*	2.99	*1.0*	12/09/11	KCA	TO15
Dibromochloromethane	ND	*0.117*	ND	*1.0*	12/09/11	KCA	TO15
Dichlorodifluoromethane	0.38	*0.202*	1.88	*1.0*	12/09/11	KCA	TO15
Ethanol	110	*0.531*	207	*1.0*	12/09/11	KCA	TO15
Ethyl acetate	0.35	*0.278*	1.26	*1.0*	12/09/11	KCA	TO15
Ethylbenzene	0.82	*0.230*	3.56	*1.0*	12/09/11	KCA	TO15
Heptane	0.58	*0.244*	2.38	*1.0*	12/09/11	KCA	TO15
Hexachlorobutadiene	ND	*0.094*	ND	*1.0*	12/09/11	KCA	TO15
Hexane	1.61	*0.284*	5.67	*1.0*	12/09/11	KCA	TO15
Isopropylalcohol	ND	*0.407*	ND	*1.0*	12/09/11	KCA	TO15
Isopropylbenzene	ND	*0.204*	ND	*1.0*	12/09/11	KCA	TO15
m,p-Xylene	2.15	*0.230*	9.33	*1.0*	12/09/11	KCA	TO15
Methyl Ethyl Ketone	4.7	*0.339*	13.8	*1.0*	12/09/11	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.0*	12/09/11	KCA	TO15
Methylene Chloride	77.8	*0.288*	270	*1.0*	12/09/11	KCA	TO15
n-Butylbenzene	0.19	*0.182*	1.04	*1.0*	12/09/11	KCA	TO15
o-Xylene	0.68	*0.230*	2.95	*1.0*	12/09/11	KCA	TO15
Propylene	ND	*0.581*	ND	*1.0*	12/09/11	KCA	TO15
sec-Butylbenzene	ND	*0.182*	ND	*1.0*	12/09/11	KCA	TO15
Styrene	0.4	*0.235*	1.70	*1.0*	12/09/11	KCA	TO15
Tetrachloroethene	1.42	*0.037*	9.62	*0.25*	12/09/11	KCA	TO15
Tetrahydrofuran	14.8	*0.339*	43.6	*1.0*	12/09/11	KCA	TO15
Toluene	6.98	*0.266*	26.3	*1.0*	12/09/11	KCA	TO15
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/09/11	KCA	TO15
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/09/11	KCA	TO15
Trichloroethene	0.1	*0.047*	0.537	*0.25*	12/09/11	KCA	TO15
Trichlorofluoromethane	0.28	*0.178*	1.57	*1.0*	12/09/11	KCA	TO15
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.0*	12/09/11	KCA	TO15
Vinyl Chloride	ND	*0.098*	ND	*0.25*	12/09/11	KCA	TO15
QA/QC Surrogates							
% Bromofluorobenzene	104	*%*	104	*%*	12/09/11	KCA	70 - 130 %

Project ID: WFR1101 Phoenix I.D.: BB08664
Client ID: SS2

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

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

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

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.

Phyllis Shiller, Laboratory Director
December 16, 2011

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

NY # 11301

Draft Progress Report

December 16, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	KB	12/06/11	15:50
Location Code:	EBC | INDOOR	Received by:	LB	12/07/11	18:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB08663
Phoenix ID: BB08665

Project ID: WFR1101
Client ID: INDOOR 2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15
1,1,1-Trichloroethane	1.62	*0.183*	8.83	*1.0*	12/08/11	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.0*	12/08/11	KCA	TO15
1,1-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15
1,1-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.0*	12/08/11	KCA	TO15
1,2,4-Trimethylbenzene	1.1	*0.204*	5.40	*1.0*	12/08/11	KCA	TO15
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15
1,2-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15
1,2-dichloropropane	ND	*0.216*	ND	*1.0*	12/08/11	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.0*	12/08/11	KCA	TO15
1,3,5-Trimethylbenzene	0.31	*0.204*	1.52	*1.0*	12/08/11	KCA	TO15
1,3-Butadiene	ND	*0.452*	ND	*1.0*	12/08/11	KCA	TO15
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15
1,4-Dioxane	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
2-Hexanone(MBK)	ND	*0.244*	ND	*1.0*	12/08/11	KCA	TO15
4-Ethyltoluene	0.29	*0.204*	1.42	*1.0*	12/08/11	KCA	TO15
4-Isopropyltoluene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.0*	12/08/11	KCA	TO15
Acetone	20.1	*0.421*	47.7	*1.0*	12/08/11	KCA	TO15
Acrylonitrile	ND	*0.461*	ND	*1.0*	12/08/11	KCA	TO15
Benzene	1.31	*0.313*	4.18	*1.0*	12/08/11	KCA	TO15
Benzyl chloride	ND	*0.193*	ND	*1.0*	12/08/11	KCA	TO15

Project ID: WFR1101
Client ID: INDOOR 2

Phoenix I.D.: BB08665

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Bromodichloromethane	ND	*0.149*	ND	*1.0*	12/08/11	KCA	TO15
Bromoform	ND	*0.097*	ND	*1.0*	12/08/11	KCA	TO15
Bromomethane	ND	*0.258*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Disulfide	ND	*0.321*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Tetrachloride	0.09	*0.040*	0.566	*0.25*	12/08/11	KCA	TO15
Chlorobenzene	ND	*0.217*	ND	*1.0*	12/08/11	KCA	TO15
Chloroethane	ND	*0.379*	ND	*1.0*	12/08/11	KCA	TO15
Chloroform	0.24	*0.205*	1.17	*1.0*	12/08/11	KCA	TO15
Chloromethane	0.58	*0.484*	1.20	*1.0*	12/08/11	KCA	TO15
Cis-1,2-Dichloroethene	0.33	*0.252*	1.31	*1.0*	12/08/11	KCA	TO15
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Cyclohexane	0.53	*0.291*	1.82	*1.0*	12/08/11	KCA	TO15
Dibromochloromethane	ND	*0.117*	ND	*1.0*	12/08/11	KCA	TO15
Dichlorodifluoromethane	0.48	*0.202*	2.37	*1.0*	12/08/11	KCA	TO15
Ethanol	21.2	*0.531*	39.9	*1.0*	12/08/11	KCA	TO15
Ethyl acetate	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
Ethylbenzene	0.87	*0.230*	3.78	*1.0*	12/08/11	KCA	TO15
Heptane	0.44	*0.244*	1.80	*1.0*	12/08/11	KCA	TO15
Hexachlorobutadiene	ND	*0.094*	ND	*1.0*	12/08/11	KCA	TO15
Hexane	2.03	*0.284*	7.15	*1.0*	12/08/11	KCA	TO15
Isopropylalcohol	ND	*0.407*	ND	*1.0*	12/08/11	KCA	TO15
Isopropylbenzene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15
m,p-Xylene	2.6	*0.230*	11.3	*1.0*	12/08/11	KCA	TO15
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.0*	12/08/11	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
Methylene Chloride	141	*0.288*	489	*1.0*	12/08/11	KCA	TO15
n-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
o-Xylene	0.91	*0.230*	3.95	*1.0*	12/08/11	KCA	TO15
Propylene	ND	*0.581*	ND	*1.0*	12/08/11	KCA	TO15
sec-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
Styrene	ND	*0.235*	ND	*1.0*	12/08/11	KCA	TO15
Tetrachloroethene	0.51	*0.037*	3.46	*0.25*	12/08/11	KCA	TO15
Tetrahydrofuran	ND	*0.339*	ND	*1.0*	12/08/11	KCA	TO15
Toluene	7.62	*0.266*	28.7	*1.0*	12/08/11	KCA	TO15
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Trichloroethene	0.14	*0.047*	0.752	*0.25*	12/08/11	KCA	TO15
Trichlorofluoromethane	0.47	*0.178*	2.64	*1.0*	12/08/11	KCA	TO15
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15
Vinyl Chloride	ND	*0.098*	ND	*0.25*	12/08/11	KCA	TO15
QA/QC Surrogates							
% Bromofluorobenzene	106	*%*	106	*%*	12/08/11	KCA	70 - 130 %

Project ID: WFR1101 Phoenix I.D.: BB08665

Client ID: INDOOR 2

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

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

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.

Phyllis Shiller, Laboratory Director

December 16, 2011

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Draft Progress Report

December 16, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	KB	12/06/11	15:31
Location Code:	EBC | SS	Received by:	LB	12/07/11	18:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB08663
Phoenix ID: BB08666

Project ID: WFR1101
Client ID: SS1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference	
Helium	ND	*10*			12/16/11	KCA	PEL	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15	
1,1,1-Trichloroethane	0.22	*0.183*	1.20	*1.0*	12/08/11	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.0*	12/08/11	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.0*	12/08/11	KCA	TO15	
1,2,4-Trimethylbenzene	0.69	*0.204*	3.39	*1.0*	12/08/11	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.0*	12/08/11	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.0*	12/08/11	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.0*	12/08/11	KCA	TO15	
4-Ethyltoluene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15	
4-Isopropyltoluene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15	
4-Methyl-2-pentanone(MIBK)	1.75	*0.244*	7.16	*1.0*	12/08/11	KCA	TO15	
Acetone	19	*0.421*	45.1	*1.0*	12/08/11	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.0*	12/08/11	KCA	TO15	
Benzene	1.19	*0.313*	3.80	*1.0*	12/08/11	KCA	TO15	

Project ID: WFR1101
Client ID: SS1

Phoenix I.D.: BB08666

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Benzyl chloride	ND	*0.193*	ND	*1.0*	12/08/11	KCA	TO15
Bromodichloromethane	ND	*0.149*	ND	*1.0*	12/08/11	KCA	TO15
Bromoform	ND	*0.097*	ND	*1.0*	12/08/11	KCA	TO15
Bromomethane	ND	*0.258*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Disulfide	ND	*0.321*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Tetrachloride	0.09	*0.040*	0.566	*0.25*	12/08/11	KCA	TO15
Chlorobenzene	ND	*0.217*	ND	*1.0*	12/08/11	KCA	TO15
Chloroethane	ND	*0.379*	ND	*1.0*	12/08/11	KCA	TO15
Chloroform	ND	*0.205*	ND	*1.0*	12/08/11	KCA	TO15
Chloromethane	ND	*0.484*	ND	*1.0*	12/08/11	KCA	TO15
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Cyclohexane	0.76	*0.291*	2.61	*1.0*	12/08/11	KCA	TO15
Dibromochloromethane	ND	*0.117*	ND	*1.0*	12/08/11	KCA	TO15
Dichlorodifluoromethane	0.46	*0.202*	2.27	*1.0*	12/08/11	KCA	TO15
Ethanol	94.4	*0.531*	178	*1.0*	12/08/11	KCA	TO15
Ethyl acetate	0.37	*0.278*	1.33	*1.0*	12/08/11	KCA	TO15
Ethylbenzene	1.27	*0.230*	5.51	*1.0*	12/08/11	KCA	TO15
Heptane	0.65	*0.244*	2.66	*1.0*	12/08/11	KCA	TO15
Hexachlorobutadiene	ND	*0.094*	ND	*1.0*	12/08/11	KCA	TO15
Hexane	1.74	*0.284*	6.13	*1.0*	12/08/11	KCA	TO15
Isopropylalcohol	2.65	*0.407*	6.51	*1.0*	12/08/11	KCA	TO15
Isopropylbenzene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15
m,p-Xylene	3.67	*0.230*	15.9	*1.0*	12/08/11	KCA	TO15
Methyl Ethyl Ketone	5.55	*0.339*	16.4	*1.0*	12/08/11	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
Methylene Chloride	54	*0.288*	187	*1.0*	12/08/11	KCA	TO15
n-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
o-Xylene	0.88	*0.230*	3.82	*1.0*	12/08/11	KCA	TO15
Propylene	ND	*0.581*	ND	*1.0*	12/08/11	KCA	TO15
sec-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
Styrene	0.29	*0.235*	1.23	*1.0*	12/08/11	KCA	TO15
Tetrachloroethene	0.28	*0.037*	1.90	*0.25*	12/08/11	KCA	TO15
Tetrahydrofuran	14.8	*0.339*	43.6	*1.0*	12/08/11	KCA	TO15
Toluene	6.86	*0.266*	25.8	*1.0*	12/08/11	KCA	TO15
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Trichloroethene	0.11	*0.047*	0.591	*0.25*	12/08/11	KCA	TO15
Trichlorofluoromethane	0.26	*0.178*	1.46	*1.0*	12/08/11	KCA	TO15
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15
Vinyl Chloride	ND	*0.098*	ND	*0.25*	12/08/11	KCA	TO15
QA/QC Surrogates							
% Bromofluorobenzene	106	*%*	106	*%*	12/08/11	KCA	70 - 130 %

Project ID: WFR1101 Phoenix I.D.: BB08666
Client ID: SS1

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

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

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

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.

Phyllis Shiller, Laboratory Director
December 16, 2011

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Draft Progress Report

December 16, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	KB	12/06/11	15:22
Location Code:	EBC | SS	Received by:	LB	12/07/11	18:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB08663
Phoenix ID: BB08667

Project ID: WFR1101
Client ID: SS4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference	
Helium	ND	*10*			12/16/11	KCA	PEL	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15	
1,1,1-Trichloroethane	0.37	*0.183*	2.02	*1.0*	12/08/11	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.0*	12/08/11	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.0*	12/08/11	KCA	TO15	
1,2,4-Trimethylbenzene	0.75	*0.204*	3.68	*1.0*	12/08/11	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.0*	12/08/11	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.0*	12/08/11	KCA	TO15	
1,3,5-Trimethylbenzene	0.21	*0.204*	1.03	*1.0*	12/08/11	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.0*	12/08/11	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.0*	12/08/11	KCA	TO15	
4-Ethyltoluene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15	
4-Isopropyltoluene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15	
4-Methyl-2-pentanone(MIBK)	1.66	*0.244*	6.80	*1.0*	12/08/11	KCA	TO15	
Acetone	10.8	*0.421*	25.6	*1.0*	12/08/11	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.0*	12/08/11	KCA	TO15	
Benzene	1.19	*0.313*	3.80	*1.0*	12/08/11	KCA	TO15	

Project ID: WFR1101
Client ID: SS4

Phoenix I.D.: BB08667

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Benzyl chloride	ND	*0.193*	ND	*1.0*	12/08/11	KCA	TO15
Bromodichloromethane	ND	*0.149*	ND	*1.0*	12/08/11	KCA	TO15
Bromoform	ND	*0.097*	ND	*1.0*	12/08/11	KCA	TO15
Bromomethane	ND	*0.258*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Disulfide	ND	*0.321*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Tetrachloride	0.09	*0.040*	0.566	*0.25*	12/08/11	KCA	TO15
Chlorobenzene	ND	*0.217*	ND	*1.0*	12/08/11	KCA	TO15
Chloroethane	ND	*0.379*	ND	*1.0*	12/08/11	KCA	TO15
Chloroform	0.22	*0.205*	1.07	*1.0*	12/08/11	KCA	TO15
Chloromethane	ND	*0.484*	ND	*1.0*	12/08/11	KCA	TO15
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Cyclohexane	0.68	*0.291*	2.34	*1.0*	12/08/11	KCA	TO15
Dibromochloromethane	ND	*0.117*	ND	*1.0*	12/08/11	KCA	TO15
Dichlorodifluoromethane	0.41	*0.202*	2.03	*1.0*	12/08/11	KCA	TO15
Ethanol	93.7	*0.531*	176	*1.0*	12/08/11	KCA	TO15
Ethyl acetate	0.32	*0.278*	1.15	*1.0*	12/08/11	KCA	TO15
Ethylbenzene	0.6	*0.230*	2.60	*1.0*	12/08/11	KCA	TO15
Heptane	0.39	*0.244*	1.60	*1.0*	12/08/11	KCA	TO15
Hexachlorobutadiene	ND	*0.094*	ND	*1.0*	12/08/11	KCA	TO15
Hexane	1.24	*0.284*	4.37	*1.0*	12/08/11	KCA	TO15
Isopropylalcohol	ND	*0.407*	ND	*1.0*	12/08/11	KCA	TO15
Isopropylbenzene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15
m,p-Xylene	1.52	*0.230*	6.60	*1.0*	12/08/11	KCA	TO15
Methyl Ethyl Ketone	4.01	*0.339*	11.8	*1.0*	12/08/11	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
Methylene Chloride	102	*0.288*	354	*1.0*	12/08/11	KCA	TO15
n-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
o-Xylene	0.49	*0.230*	2.13	*1.0*	12/08/11	KCA	TO15
Propylene	ND	*0.581*	ND	*1.0*	12/08/11	KCA	TO15
sec-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
Styrene	0.41	*0.235*	1.74	*1.0*	12/08/11	KCA	TO15
Tetrachloroethene	0.22	*0.037*	1.49	*0.25*	12/08/11	KCA	TO15
Tetrahydrofuran	11.7	*0.339*	34.5	*1.0*	12/08/11	KCA	TO15
Toluene	5.87	*0.266*	22.1	*1.0*	12/08/11	KCA	TO15
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Trichloroethene	0.09	*0.047*	0.483	*0.25*	12/08/11	KCA	TO15
Trichlorofluoromethane	0.46	*0.178*	2.58	*1.0*	12/08/11	KCA	TO15
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15
Vinyl Chloride	ND	*0.098*	ND	*0.25*	12/08/11	KCA	TO15
QA/QC Surrogates							
% Bromofluorobenzene	106	*%*	106	*%*	12/08/11	KCA	70 - 130 %

Project ID: WFR1101 Phoenix I.D.: BB08667
Client ID: SS4

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

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

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

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.

Phyllis Shiller, Laboratory Director
December 16, 2011

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

NY # 11301

Draft Progress Report

December 16, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	KB	12/06/11	15:27
Location Code:	EBC | OUTDOOR	Received by:	LB	12/07/11	18:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB08663
Phoenix ID: BB08668

Project ID: WFR1101
Client ID: OUTDOOR

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.0*	12/08/11	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.0*	12/08/11	KCA	TO15
1,1-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15
1,1-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.0*	12/08/11	KCA	TO15
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15
1,2-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15
1,2-dichloropropane	ND	*0.216*	ND	*1.0*	12/08/11	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.0*	12/08/11	KCA	TO15
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15
1,3-Butadiene	ND	*0.452*	ND	*1.0*	12/08/11	KCA	TO15
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15
1,4-Dioxane	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
2-Hexanone(MBK)	ND	*0.244*	ND	*1.0*	12/08/11	KCA	TO15
4-Ethyltoluene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15
4-Isopropyltoluene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.0*	12/08/11	KCA	TO15
Acetone	4.15	*0.421*	9.85	*1.0*	12/08/11	KCA	TO15
Acrylonitrile	ND	*0.461*	ND	*1.0*	12/08/11	KCA	TO15
Benzene	ND	*0.313*	ND	*1.0*	12/08/11	KCA	TO15
Benzyl chloride	ND	*0.193*	ND	*1.0*	12/08/11	KCA	TO15

Project ID: WFR1101 Phoenix I.D.: BB08668

Client ID: OUTDOOR

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Bromodichloromethane	ND	*0.149*	ND	*1.0*	12/08/11	KCA	TO15
Bromoform	ND	*0.097*	ND	*1.0*	12/08/11	KCA	TO15
Bromomethane	ND	*0.258*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Disulfide	ND	*0.321*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Tetrachloride	0.08	*0.040*	0.503	*0.25*	12/08/11	KCA	TO15
Chlorobenzene	ND	*0.217*	ND	*1.0*	12/08/11	KCA	TO15
Chloroethane	ND	*0.379*	ND	*1.0*	12/08/11	KCA	TO15
Chloroform	ND	*0.205*	ND	*1.0*	12/08/11	KCA	TO15
Chloromethane	0.6	*0.484*	1.24	*1.0*	12/08/11	KCA	TO15
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Cyclohexane	ND	*0.291*	ND	*1.0*	12/08/11	KCA	TO15
Dibromochloromethane	ND	*0.117*	ND	*1.0*	12/08/11	KCA	TO15
Dichlorodifluoromethane	0.46	*0.202*	2.27	*1.0*	12/08/11	KCA	TO15
Ethanol	7.79	*0.531*	14.7	*1.0*	12/08/11	KCA	TO15
Ethyl acetate	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
Ethylbenzene	ND	*0.230*	ND	*1.0*	12/08/11	KCA	TO15
Heptane	ND	*0.244*	ND	*1.0*	12/08/11	KCA	TO15
Hexachlorobutadiene	ND	*0.094*	ND	*1.0*	12/08/11	KCA	TO15
Hexane	0.48	*0.284*	1.69	*1.0*	12/08/11	KCA	TO15
Isopropylalcohol	ND	*0.407*	ND	*1.0*	12/08/11	KCA	TO15
Isopropylbenzene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15
m,p-Xylene	0.45	*0.230*	1.95	*1.0*	12/08/11	KCA	TO15
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.0*	12/08/11	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
Methylene Chloride	1.5	*0.288*	5.21	*1.0*	12/08/11	KCA	TO15
n-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
o-Xylene	ND	*0.230*	ND	*1.0*	12/08/11	KCA	TO15
Propylene	ND	*0.581*	ND	*1.0*	12/08/11	KCA	TO15
sec-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
Styrene	ND	*0.235*	ND	*1.0*	12/08/11	KCA	TO15
Tetrachloroethene	0.25	*0.037*	1.69	*0.25*	12/08/11	KCA	TO15
Tetrahydrofuran	ND	*0.339*	ND	*1.0*	12/08/11	KCA	TO15
Toluene	1.05	*0.266*	3.95	*1.0*	12/08/11	KCA	TO15
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Trichloroethene	ND	*0.047*	ND	*0.25*	12/08/11	KCA	TO15
Trichlorofluoromethane	0.21	*0.178*	1.18	*1.0*	12/08/11	KCA	TO15
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15
Vinyl Chloride	ND	*0.098*	ND	*0.25*	12/08/11	KCA	TO15
QA/QC Surrogates							
% Bromofluorobenzene	104	*%*	104	*%*	12/08/11	KCA	70 - 130 %

Project ID: WFR1101 Phoenix I.D.: BB08668
Client ID: OUTDOOR

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

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

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.

Phyllis Shiller, Laboratory Director
December 16, 2011

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

NY # 11301

Draft Progress Report

December 16, 2011

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	KB	12/06/11	15:12
Location Code:	EBC | INDOOR	Received by:	LB	12/07/11	18:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB08663
Phoenix ID: BB08669

Project ID: WFR1101
Client ID: INDOOR 1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15
1,1,1-Trichloroethane	0.57	*0.183*	3.11	*1.0*	12/08/11	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/08/11	KCA	TO15
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.0*	12/08/11	KCA	TO15
1,1-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15
1,1-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.0*	12/08/11	KCA	TO15
1,2,4-Trimethylbenzene	1.08	*0.204*	5.31	*1.0*	12/08/11	KCA	TO15
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15
1,2-Dichloroethane	ND	*0.247*	ND	*1.0*	12/08/11	KCA	TO15
1,2-dichloropropane	ND	*0.216*	ND	*1.0*	12/08/11	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.0*	12/08/11	KCA	TO15
1,3,5-Trimethylbenzene	0.27	*0.204*	1.33	*1.0*	12/08/11	KCA	TO15
1,3-Butadiene	ND	*0.452*	ND	*1.0*	12/08/11	KCA	TO15
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/08/11	KCA	TO15
1,4-Dioxane	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
2-Hexanone(MBK)	ND	*0.244*	ND	*1.0*	12/08/11	KCA	TO15
4-Ethyltoluene	0.27	*0.204*	1.33	*1.0*	12/08/11	KCA	TO15
4-Isopropyltoluene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.0*	12/08/11	KCA	TO15
Acetone	48.2	*0.421*	114	*1.0*	12/08/11	KCA	TO15
Acrylonitrile	ND	*0.461*	ND	*1.0*	12/08/11	KCA	TO15
Benzene	1.58	*0.313*	5.04	*1.0*	12/08/11	KCA	TO15
Benzyl chloride	ND	*0.193*	ND	*1.0*	12/08/11	KCA	TO15

Project ID: WFR1101 Phoenix I.D.: BB08669

Client ID: INDOOR 1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Bromodichloromethane	ND	*0.149*	ND	*1.0*	12/08/11	KCA	TO15
Bromoform	ND	*0.097*	ND	*1.0*	12/08/11	KCA	TO15
Bromomethane	ND	*0.258*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Disulfide	ND	*0.321*	ND	*1.0*	12/08/11	KCA	TO15
Carbon Tetrachloride	0.08	*0.040*	0.503	*0.25*	12/08/11	KCA	TO15
Chlorobenzene	ND	*0.217*	ND	*1.0*	12/08/11	KCA	TO15
Chloroethane	ND	*0.379*	ND	*1.0*	12/08/11	KCA	TO15
Chloroform	ND	*0.205*	ND	*1.0*	12/08/11	KCA	TO15
Chloromethane	0.59	*0.484*	1.22	*1.0*	12/08/11	KCA	TO15
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Cyclohexane	0.95	*0.291*	3.27	*1.0*	12/08/11	KCA	TO15
Dibromochloromethane	ND	*0.117*	ND	*1.0*	12/08/11	KCA	TO15
Dichlorodifluoromethane	0.46	*0.202*	2.27	*1.0*	12/08/11	KCA	TO15
Ethanol	37.6	*0.531*	70.8	*1.0*	12/08/11	KCA	TO15
Ethyl acetate	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
Ethylbenzene	1.95	*0.230*	8.46	*1.0*	12/08/11	KCA	TO15
Heptane	0.81	*0.244*	3.32	*1.0*	12/08/11	KCA	TO15
Hexachlorobutadiene	ND	*0.094*	ND	*1.0*	12/08/11	KCA	TO15
Hexane	3.06	*0.284*	10.8	*1.0*	12/08/11	KCA	TO15
Isopropylalcohol	ND	*0.407*	ND	*1.0*	12/08/11	KCA	TO15
Isopropylbenzene	ND	*0.204*	ND	*1.0*	12/08/11	KCA	TO15
m,p-Xylene	5.42	*0.230*	23.5	*1.0*	12/08/11	KCA	TO15
Methyl Ethyl Ketone	1.46	*0.339*	4.30	*1.0*	12/08/11	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.0*	12/08/11	KCA	TO15
Methylene Chloride	114	*0.288*	396	*1.0*	12/08/11	KCA	TO15
n-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
o-Xylene	1.55	*0.230*	6.73	*1.0*	12/08/11	KCA	TO15
Propylene	ND	*0.581*	ND	*1.0*	12/08/11	KCA	TO15
sec-Butylbenzene	ND	*0.182*	ND	*1.0*	12/08/11	KCA	TO15
Styrene	ND	*0.235*	ND	*1.0*	12/08/11	KCA	TO15
Tetrachloroethene	0.54	*0.037*	3.66	*0.25*	12/08/11	KCA	TO15
Tetrahydrofuran	ND	*0.339*	ND	*1.0*	12/08/11	KCA	TO15
Toluene	8.64	*0.266*	32.5	*1.0*	12/08/11	KCA	TO15
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/08/11	KCA	TO15
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/08/11	KCA	TO15
Trichloroethene	0.08	*0.047*	0.430	*0.25*	12/08/11	KCA	TO15
Trichlorofluoromethane	0.34	*0.178*	1.91	*1.0*	12/08/11	KCA	TO15
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.0*	12/08/11	KCA	TO15
Vinyl Chloride	ND	*0.098*	ND	*0.25*	12/08/11	KCA	TO15
QA/QC Surrogates							
% Bromofluorobenzene	105	*%*	105	*%*	12/08/11	KCA	70 - 130 %

Project ID: WFR1101 Phoenix I.D.: BB08669

Client ID: INDOOR 1

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

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

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.

Phyllis Shiller, Laboratory Director

December 16, 2011

CHAIN OF CUSTODY RECORD AIR ANALYSES

PHOENIX *Environmental Laboratories, Inc.*

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

Pg 1 of 1

Data Delivery:
☐ Fax #:
☑ Email: csosik@ebcincny.com

Report to: ENV. Business Consultants (EBC)
Address: 1808 Middle Country Rd
Project Mgr: Kevin Brussee
Phone # (631) 504-6000

Invoice to: EBC
Address:
P.O. #
Quote # Esite Pricing

Project Name: WFB1101
Location: 462 Kent Ave
State: Brooklyn NY
Sampled by: Kevin B

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)		TO-14	TO-15	Helium	Is Canister Returned Unused? Y/N
		LAB USE ONLY											MATRIX				ANALYSES			
081603	SS3	368	6.0	-30	11	04490		807	314	12/6/11	30"	8"		X				X	X	
081604	SS2	369	↓	↓	14	[illegible]		758	337	12/6/11	30+	15"		X				X	X	
081605	INDOOR 2	371	↓	↓	9	04960		828	350	12/6/11	30"	9"	(X)	X				(X)		
081606	SS1	216	↓	↓	10	[illegible]		748	331	12/6/11	30"	8"		X				X	X	
081607	SS4	354	↓	↓	9	05013		818	322	12/6/11	30"	7"		X				X	X	
081608	OUTDOOR	367	↓	↓	7	04991		832	327	12/6/11	30"	5"	(X)	X				(X)		
081609	INDOOR 1	358	↓	↓	9	04989		826	312	12/6/11	30"	8"	(X)	X				(X)		

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12/6/11	9:30
	[signature]	12-7-11	1815

Criteria Requested:

Deliverable: RCP ☐ MCP ☐

State where samples collected: NY

Data Format: Excel ☑ Equis ☐ PDF ☒ Other: ☐ GISKey ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

SEE CHANGES Revised COC

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

Signature: Date:

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD AIR ANALYSES

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

4°C Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: CSOSIK@ebcincny.com

Report to:	Env. Business Consultants (EBC)	Invoice to:	EBC	Project Name:	WFR1101
Address:	1808 Middle Country Rd	Address:		Location:	462 Kent Ave
Project Mgr:	Kevin Brussee	P.O. #		State:	Brooklyn, NY
Phone #	(631) 504-6000	Quote #	Esite Pricing	Sampled by:	Kevin B

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)		TO-14	TO-15	Helium		Is Canister Returned Unused? Y/N
			LAB USE ONLY										MATRIX				ANALYSES				
086603	SS3	368	6.0	-30	11	04490		807	314	12/6/11	30"	8"		X				X	X		
086604	SS2	369	↓	↓	14	04960		758	337	12/6/11	30+	15"		X				X	X		
086605	INDOOR 2	371			9	04960		828	350	12/6/11	30"	9"		X							
086606	SS1	216			10	04982		748	331	12/6/11	30"	8"		X				X	X		
086607	SS4	354			9	05013		818	322	12/6/11	30"	7"		X				X	X		
086608	OUTDOOR	367			7	04991		832	327	12/6/11	30"	5"		X							
086609	INDOOR 1	358	↓	↓	9	04487		826	312	12/6/11	30"	8"		X							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12/7/2011	9:30A
[signature]	Brittany Forbes	12-7-11	18:15

Criteria Requested:

Deliverable: RCP ☐ MCP ☐

State where samples collected: NY

Data Format: Excel ☒ Equis ☐ PDF ☒ Other: ☐ GISKey ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

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

Signature: ____________ Date: ____________

APPENDIX C
NYSDOH Indoor Air Quality Questionnaire and Building Inventory Form

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name KEVIN BRUSSEE Date/Time Prepared 12/6/2011 7AM

Preparer's Affiliation EBC Phone No. 631.504.6000

Purpose of Investigation PRE SAMPLING INSPECTION FOR INDOOR AIR/SUB-SLAB

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: (Y) / N

Last Name: ROSENBURG First Name: MICHAEL

Address: _____

County: _____

Home Phone: _____ CELL ~~Office~~ Phone: 347-578-3020

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

X **If the property is residential, type?** (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) LUMBER YARD, HARDWARE STORE

Does it include residences (i.e., multi-use)? (Y) / N If yes, how many? _____

Other characteristics:

Number of floors 4 Building age_____

Is the building insulated? Y / (N) How air tight? Tight / Average / (Not Tight)

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

NOT ASSESSED, SAMPLING TO BE DONE IN BASEMENT ONLY

Airflow near source

NO SOURCE; CHEMICALS STORED ON PALLETS + SHELVING IN WOOD FRAMED ROOM, JUST NORTH OF RAMP.

Outdoor air infiltration

OPEN GARAGE DOOR TO BASEMENT PARKING GARAGE

Infiltration into air ducts

NO HEATING/AC DUCTS

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	(concrete)	stone	(brick)
b. Basement type:	(full)	crawlspace	slab	other _____
c. Basement floor:	(concrete)	dirt	stone	other _____
d. Basement floor:	(uncovered)	covered	covered with _____	
e. Concrete floor:	(unsealed)	sealed	sealed with _____	
f. Foundation walls:	(poured)	block	stone	other _____
g. Foundation walls:	(unsealed)	sealed	sealed with _____	
h. The basement is:	wet	damp	(dry)	moldy PUDDLES NEAR RAMP.
i. The basement is:	finished	(unfinished)	partially finished	
j. Sump present?	(Y) N	PIT ON EAST SIDE OF BASEMENT + SUMP NEAR RAMP		
k. Water in sump?	(Y) / N / not applicable			

Basement/Lowest level depth below grade: ~ 6' (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

NUMEROUS SEAVICE PITS

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other NO HEAT IN BASEMENT

The primary type of fuel used is:

~~Natural Gas~~	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: NO HOT H_2O IN BASEMENT

Boiler/furnace located in:	Basement	Outdoors	(Main Floor)	Other NONE IN BASEMENT
Air conditioning:	Central Air	Window units	Open Windows	(None)

Are there air distribution ducts present? Y (N)

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

commercial storage space

Is basement/lowest level occupied? Full-time Occasionally Seldom (Almost Never)

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	STORAGE / PARKING
1st Floor	
2nd Floor	
3rd Floor	
4th Floor	

8. FACTORS THAT MAY influence INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) / N / NA
Please specify CARS, FORKLIFTS, TOOLS

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y (N) Where?_____

f. Is there a workshop or hobby/craft area? (Y) N Where & Type? RENTAL SPACE / WOOD CRAFTS CABINET MAKER

g. Is there smoking in the building? Y / (N) How frequently?_____

h. Have cleaning products been used recently? Y / (N) When & Type? _____

i. Have cosmetic products been used recently? Y / (N) When & Type? _____

j. Has painting/staining been done in the last 6 months? (Y) / N Where & When? RENTAL SPACE - CABINET MAKER

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N) If yes, where vented? _____

n. Is there a bathroom exhaust fan? Y / (N) If yes, where vented? _____

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type? _____

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? (Y) / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? PAINT WOOD STRIPPER

If yes, are their clothes washed at work? Y / (N)

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: ✓ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ✓ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

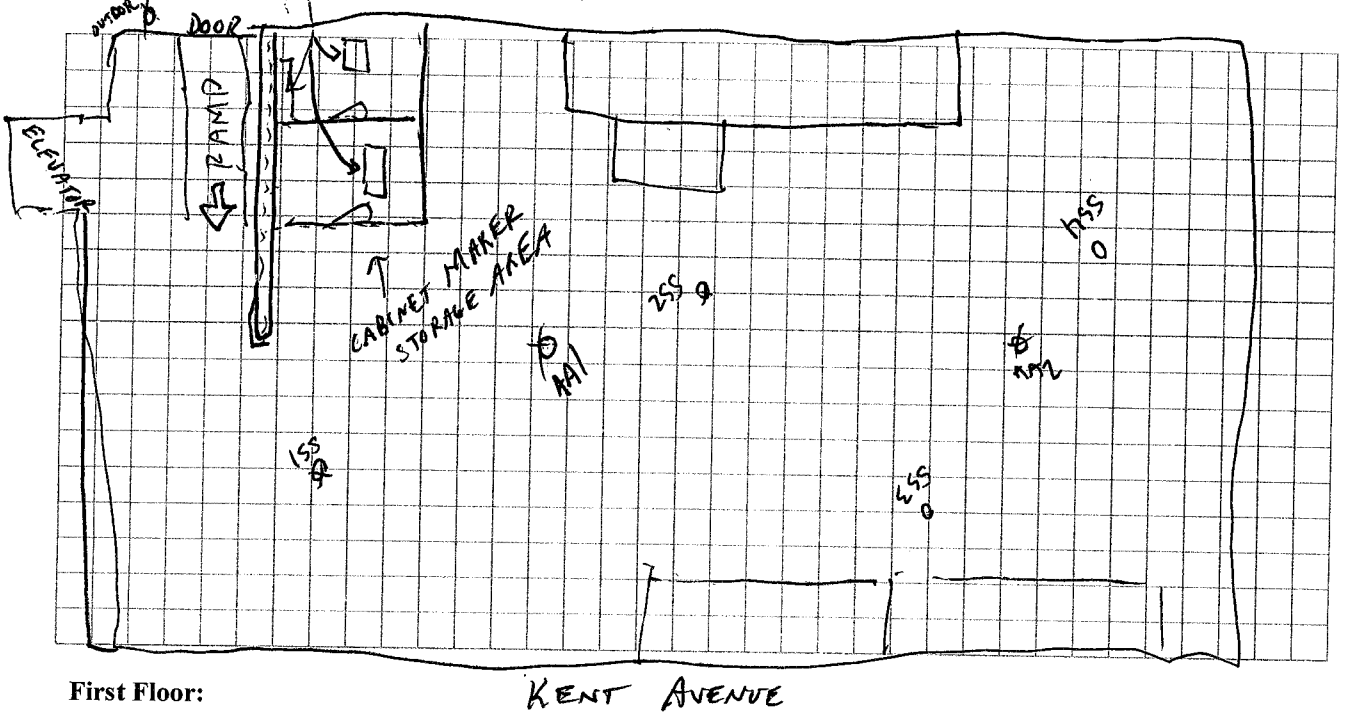
d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

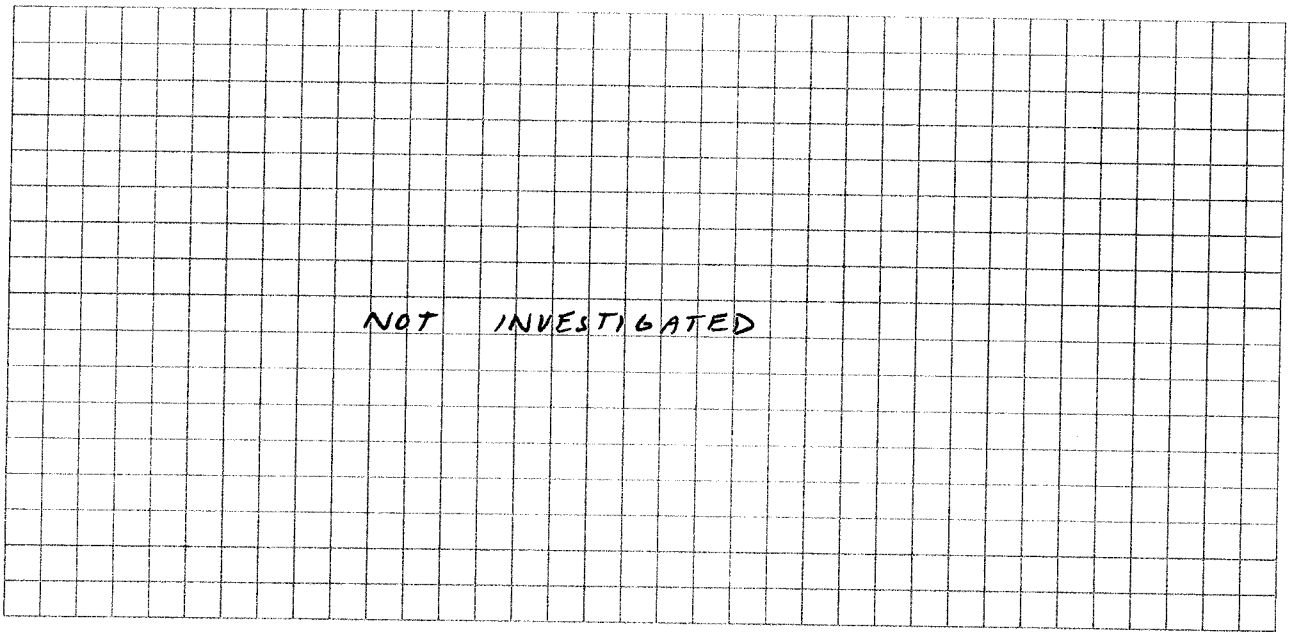
Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

CHEMICALS IN STORAGE AREA NOT MOVED PRIOR TO SAMPLING

Basement:



First Floor:



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: IONSCIENCE PID

List specific products found in the residence that have the potential to affect indoor air quality.

	Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
1	B	PRATT & LAMBERT PRIMER H2OBorne	5gal	GOOD	H2O, Titanium Dioxide. Acrylic Polymer Ethylene Glycol	0.0	Y
2	B	"	"	"	Nepheline Syenite		Y
					cristobalite Talc		
3	B	Shell Zone antifreeze coolant	1gal	EMPTY	ethylene glycol diethylene glycol	0.0	Y
4	B	Gasoline in Red plastic	2.5gal	Fair	gasoline	NA	Y
5	B	Loctite PL400	28oz	empty	Naptha, ethanol, hexane, toluene styrene,		
6	B	Pratt & Lambert Prolide Silver interior latex	5gal	mostly empty	vinyl polymer, cristobalite Talc, H2O, titanium Dioxide		
7	B	Xtreme Blue windshield washer fluid	1gal	bottom cut off empty	NA	0.0	Y
8	B	Castrol GTX 10W-30 motor oil	1quart	empty	motor oil	0.0	Y
9	B	DUNHAMS Quick Dry Sealer	5gal	Fair/good	VT copolymer Aliphatic Hydrocarbon xylene	0.0	✓
10	B	ROCK MIRACLE Paint/Varnish Remover	5gal(2)	FAIR	METHYLENE chloride, NH4OH methanol, Petroleum Distillates	0.6	Y
11	B	BULLSEYE Shellac	5gal	FAIR	Ethanol, isopropanol, pure shellac methyl isobutyl Ketone	0.6	Y
12	B	ROCK MIRACLE Everything Goes Graffiti stripper	6al (10)	GOOD	KOH, Dipropylene Glycol Methyl Ether Aliphatic hydrocarbon	0.0	Y
13	B	WOODLIFE classic clear wood preservative	5gal (3)	Good	UNKNOWN/NOT LABELED	0.0	Y
14	B	BEHR Deck plus waterproofing wood finish	5gal (7)	FAIR/Good	NOT LABELED		Y
15	B	Lafarge Rapid Coat Joint Compound	4.5gal 2pallets	New	clay, latex, limestone, preservative	0.0	Y
16	B	Refridgerant 22	30lbs	steel tank NEW	chlorodifluoromethane CAS 75-45-6	0.0	Y
17	B	Conoco Hydraulic oil	55gal drum	FAIR	Hydraulic oil	0.0	Y
18		DUMOND PEELAWAY 1 HD Paint Remover	5gal	GOOD	CaOH, MgOH, NaOH, water	0.0	Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: Ion Science PID

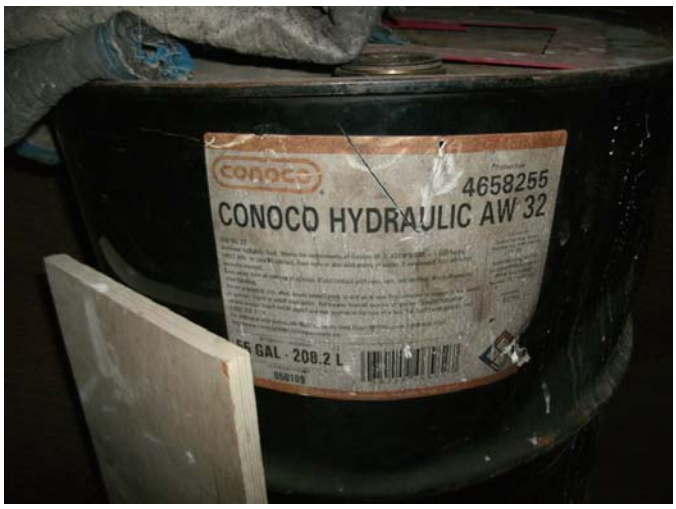
List specific products found in the residence that have the potential to affect indoor air quality.

	Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
19	B	LATEX PAINT, PRIMER (45)	1 GAL	FAIR to NEW		BULK Reading, UO	Y
20	B	WOOD Stain (15)	0.5 gal	FAIR TO NEW		BULK Reading 0.0	Y
21	B	Ceramic Tile Adhesive	1 gal	GOOD		" 0.0	Y
22	B	Polyurethane (5)	1 gal	FAIR TO GOOD		"	Y
23	B	Spray Paint Cans (20)	spray cans	Fair to Good		"	Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.


ROCK-MIRACLE
SINCE 1936
The Original
Non-Flammable
Water Rinsable
Paint, Varnish,
Lacquer & Enamel
Remover


ROCK-MIRACLE
Everything
Goes


4658255
CONOCO HYDRAULIC AW 32


SHEETROCK
SHEETROCK


Benjamin Moore


EASY SPRAY
Paint & Varnish Remover
MINWAX
Fast-Dry
URETHAN


ROCK-MIRACLE
SINCE 1936
Paint & Varnish Remover
SEMI PASTE
SPEEDY - ECONOMICAL
THE MOST ECONOMICAL PAINT REMOVER
NON-FLAMMABLE
The Original
Since 1936
WATER RINSABLE
CAUTION: