RESIDENTIAL PROJECT
1426-1438 FULTON STREET &
293 HERKIMER STREET

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Number: 12CVCP045K
E-Designation Site Number: 11EH-N207K

Prepared for:

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC BCP	New York City Brownfield Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, _____, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Site name Site, (NYC BCP Site No. site number). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

_____

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 1426-1438 Fulton Street in the Bedford-Stuyvesant section in Brooklyn, New York and is identified as Block 1863 and Lots 9, 10 and 15 on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 18,000-square feet and is bounded by Fulton Street to the north, Herkimer Street to the south, Block 1863 Lot 60 (currently vacant and used for parking), Block 1863 Lot 16 (2,000 ft^2 lot developed with a four story apartment building with first floor commercial space) to the east, and Block 1863 Lot 8 (2,000 ft^2 lot developed with a three story apartment building with first floor commercial space) and Lot 74 (2,000 ft^2 lot developed with a three story apartment building) to the west. A map of the Site boundary is shown in **Figure 2**. A description of each of the three tax lots and their current use is provided below.

- 1426 Fulton Street (Lot 9) - 20 ft wide by 100 ft deep lot (2,000 ft2) currently developed with a three story building. The first floor is used has a catering and banquet hall and the upper two floors consist of residential space.

- 1428-1430 Fulton Street (Lot 10) - 50 ft wide by 100 feet deep (50,000 ft2) currently developed with two attached buildings. The larger building is a high one-story building utilized as a night/dance club. The second building is a smaller three story building. The first floor of the building is also utilized by the night/dance club.

- 1432-1438 Fulton Street (Lot 15) - 200 feet deep lot that extends from Fulton Street to Herkimer Street. The lot has 70 feet of frontage on Fulton Street and 40 feet of frontage on Herkimer Street. The majority of the lot is undeveloped and asphalt paved for use as

parking by patrons of the dance/night club. The eastern portion of the lot that fronts Fulton Street is developed with a four story residential apartment building, with first floor commercial space (occupied by a women's beauty supply store).

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of the development of two new mixed use buildings. Layout of the proposed site development is presented in **Figure 3**. The proposed use is consistent with existing zoning for the property.

Redevelopment plans for the property consist of the construction of two new buildings; Building "A" and Building "B" that will cover the entire footprint of the Site. Building "A" (10-story mixed use building - 128 ft high) will be developed facing Fulton Street, and is located within an R7D/C2-4 zoning district. Building "B" (6-story residential building - 64 ft high) will be developed facing Herkimer Street and is located within an R6A zoning district.

Both Building "A" and Building "B" have a full basement. A portion of both basements will be utilized as a single/joined parking garage. Access to the parking garage will be provided by a ramp that enters from Herkimer Street. The additional basement space will be utilized for separate storage rooms, trash compactor rooms, bathrooms, boiler rooms, utility meter rooms, bicycle parking, stairwells and elevator rooms. No residential areas will be located within the basement.

The first floor of Building "A" will consist of two separate commercial areas (Commercial Space "A" and Commercial Space "B") located on either side of the lobby, elevators, stairwells, and a recreation room for the residential apartment units located above. A portion of the property, beyond the rear of the building (behind the residential lobby and Commercial Space "B") will be utilized as a shared open-air recreation courtyard. The courtyard will be finished with pavers, however, it should be noted that a full basement parking garage will be located beneath the courtyard.

The first floor of Building "B" will consist of a lobby, laundry room, elevator and stairwells for the residential units located above. A portion of the first floor will be finished with a recreation room, which opens to the shared open-air recreation courtyard located in the back of Building "A". A portion of the first floor will be constructed as the entrance ramp for the basement parking garage.

In total, the gross floor area for the two buildings including the cellar is 121,505.3 ft2. The buildings will have 91 residential apartments

Excavation for the basement of both new buildings will extend to a depth of approximately 16 feet below grade. An additional excavation depth of approximately 4 feet (total depth of 20ft below grade) will be required solely for the construction of an elevator pit for Building "A". The total volume of soil to be excavated for the construction and installation of the foundation and basement for the two new buildings is approximately 10,000 cubic yards. Since groundwater is present at the Site at a depth of approximately 46 feet below grade, groundwater will not be encountered during site excavation. Prior to Site redevelopment, each of the buildings currently located on the Site will require demolition.

Summary of Past Uses of Site and Areas of Concern

A Phase I Environmental Site Assessment was completed by Property Solutions, Inc, in December of 2008 for the Site. The Phase I report indicated that the Site has historically used as residential, retail stores and as a New York City Transit (BMTRR) subway maintenance station.

Property Solutions Inc., noted that the former use of the site as a trolley and railcars maintenance shop may have created potential spills of locomotive fuel and other fluids used for the operation and maintenance of the railcars. Property Solutions Inc., recommended a detailed Phase II Subsurface Investigation be performed at the site to determine if potential impacts from former operations at the site are present.

The AOCs identified for this site include:

1. Historic fill layer is present at the site from grade to 5 feet below grade.

Summary of the Work Performed under the Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 7 soil borings across the entire project Site, and collected 15 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed 3 groundwater monitoring wells throughout the Site to establish groundwater flow and collected 3 groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed 3 soil vapor probes around Site perimeter and collected 3 samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges from 56 to 57 feet.
2. Depth to groundwater ranges from 45 to 46 feet at the Site.
3. Groundwater flow is generally from east to west beneath the Site.
4. Depth to bedrock is greater that 100 feet at the Site.
5. The stratigraphy of the site, from the surface down, consists of approximately 5 feet of urban fill underlain by a native brown silty sand with gravel.
6. Soil/fill samples collected during the RI detected no pesticides or PCBs. One VOC was detected in one sample below Track 1 Unrestricted Use (Track 1) SCOs. Seven SVOCs were detected above Track 2 Restricted Residential SCOs and all were found in the shallow soil horizon and none were detected at 10-12 foot depths. These SVOCs were all PAH compounds and their concentrations and distribution indicate that they are associated with historic fill material observed in shallow samples. Four metals (arsenic, barium, cadmium, and copper) were detected above Track 2 Restricted Residential SCOs in just one shallow soil sample. Lead exceeded Track 2 Restricted Residential SCOs in four shallow samples with concentrations ranging up to 4300 pm. Five metals were detected above Track 1 in deep samples but were well below Track 2 Restricted

Residential SCOs. Overall, soil testing results were unremarkable and were consistent with observations for other historical fill sites in Brooklyn. The RI did not reveal any contaminant source areas on this property.

7. Groundwater samples collected during the RI detected no VOCs, pesticides or PCBs. A trace of one SVOC was identified but was well below New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Dissolved concentrations of iron, manganese and sodium were detected above their corresponding GQS. These findings are consistent with regional impacts of road salting or intrusion of brackish surface water and not impacts from site conditions. The RI indicates that groundwater is not impacted by site conditions and did not reveal any sources of contaminants onsite.

8. Soil vapor samples collected during the RI showed a wide range of petroleum and chlorinated volatile organic compounds at relatively low concentrations. Most petroleum compounds were detected at trace concentrations and almost all below 10 ug/m3. PCE and TCE ranged from 0.11 to 2.77 $\mu g/m^3$ and 0.1 to 1.9 $\mu g/m^3$, respectively, with most findings in the range of typical ambient air quality levels in NYC. These results were all well below the monitoring levels for PCE and TCE in the State DOH soil vapor guidance matrix. Neither PCE nor TCE were detected within any of the soil and groundwater samples collected at the Site and these low levels suggest a possible offsite origin.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

ADAS, Inc; Porteral Warehouse; and The Porter Foundation, Inc. has enrolled in the New York City Brownfield Cleanup Program (NYC BCP) to investigate and remediate a 0.41322-acre site located at 1426-1438 Fulton Street in the Bedford-Stuyvesant section of Brooklyn, New York. Mixed commercial residential use is proposed for the property. The RI work was performed between December 16, 2012 and December 19, 2012. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 SITE LOCATION AND CURRENT USAGE

The Site is located at 1426-1438 Fulton Street in the Bedford-Stuyvesant section in Brooklyn, New York and is identified as Block 1863 and Lots 9, 10 and 15 on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 18,000-square feet and is bounded by Fulton Street to the north, Herkimer Street to the south, Block 1863 Lot 60 (currently vacant and used for parking) Lot 16 (2,000 ft^2 lot developed with a four story apartment building with first floor commercial space) to the east, and Block 1863 Lot 8 (2,000 ft^2 lot developed with a three story apartment building with first floor commercial space) and Lot 74 (2,000 ft^2 lot developed with a three story apartment building) to the west. A map of the Site boundary is shown in **Figure 2**. A description of each of the three tax lots and their current use is provided below.

- 1426 Fulton Street (Lot 9) - 20 ft wide by 100 ft deep lot (2,000 ft2) currently developed with a three story building. The first floor is used has a catering and banquet hall and the upper two floors consist of residential space.

- 1428-1430 Fulton Street (Lot 10) - 50 ft wide by 100 feet deep (50,000 ft2) currently developed with two attached buildings. The larger building is a high one-story building

utilized as a night/dance club. The second building is a smaller three story building. The first floor of the building is also utilized by the night/dance club.

- 1432-1438 Fulton Street (Lot 15) - 200 feet deep lot that extends from Fulton Street to Herkimer Street. The lot has 70 feet of frontage on Fulton Street and 40 feet of frontage on Herkimer Street. The majority of the lot is undeveloped and asphalt paved for use as parking by patrons of the dance/night club. The eastern portion of the lot that fronts Fulton Street is developed with a four story residential apartment building, with first floor commercial space (occupied by a women's beauty supply store).

1.2 PROPOSED REDEVELOPMENT PLAN

The proposed future use of the Site will consist of the development of two new mixed use buildings. Layout of the proposed site development is presented in **Figure 3**. The proposed use is consistent with existing zoning for the property.

Redevelopment plans for the property consist of the construction of two new buildings; Building "A" and Building "B" that will cover the entire footprint of the Site. Building "A" (10-story mixed use building - 128 ft high) will be developed facing Fulton Street, and is located within an R7D/C2-4 zoning district. Building "B" (6-story residential building - 64 ft high) will be developed facing Herkimer Street and is located within an R6A zoning district.

Both Building "A" and Building "B" have a full basement. A portion of both basements will be utilized as a single/joined parking garage. Access to the parking garage will be provided by a ramp that enters from Herkimer Street. The additional basement space will be utilized for separate storage rooms, trash compactor rooms, bathrooms, boiler rooms, utility meter rooms, bicycle parking, stairwells and elevator rooms. No residential areas will be located within the basement.

The first floor of Building "A" will consist of two separate commercial areas (Commercial Space "A" and Commercial Space "B") located on either side of the lobby, elevators, stairwells, and a recreation room for the residential apartment units located above. A portion of the property, beyond the rear of the building (behind the residential lobby and Commercial Space "B") will be

utilized as a shared open-air recreation courtyard. The courtyard will be finished with pavers, however, it should be noted that a full basement parking garage will be located beneath the courtyard.

The first floor of Building "B" will consist of a lobby, laundry room, elevator and stairwells for the residential units located above. A portion of the first floor will be finished with a recreation room, which opens to the shared open-air recreation courtyard located in the back of Building "A". A portion of the first floor will be constructed as the entrance ramp for the basement parking garage.

In total, the gross floor area for the two buildings including the cellar is 121,505.3 ft2. The buildings will have 91 residential apartments

Excavation for the basement of both new buildings will extend to a depth of approximately 16 feet below grade. An additional excavation depth of approximately 4 feet (total depth of 20ft below grade) will be required solely for the construction of an elevator pit for Building "A". The total volume of soil to be excavated for the construction and installation of the foundation and basement for the two new buildings is approximately 10,000 cubic yards. Since groundwater is present at the Site at a depth of approximately 46 feet below grade, groundwater will not be encountered during site excavation.

Prior to Site redevelopment, each of the buildings currently located on the Site will require demolition.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

Bedford-Stuyvesant is a predominantly residential neighborhood, well-known for its historic three – four story brownstones with small front yards and stoops, churches, and institutions. Present-day Bedford-Stuyvesant is characterized by a variety of residential building types including brownstones, mid-rise and high-rise apartment buildings. The neighborhood's primary commercial corridors, Fulton Street to the south and Broadway to the east, are supplemented by smaller-scale commercial activity on the north and south avenues. A more specific description of adjacent properties to the Site is provided in the table below. **Figure 4**

shows the surrounding land usage of the adjacent properties listed below as well as additional properties located up to 500 feet away from the Site. No hospitals, daycare facilities or schools are located within a 500 ft radius of the Site.

Direction	Property Description
North – Opposite Side of Fulton Street	Block 1857, Lot 33 (1449 Fulton Street) – The 3,807 ft^2 lot is developed with a 5-story apartment building with first floor commercial space. The building was likely constructed prior to 1900. The lot is zoned R6A with a C2-4 commercial overlay.
South – Opposite side of Herkimer Street.	Block 1869, Lots 8 through 18 (282 to 304 Herkimer Street) – Each 1,505 ft^2 lot is developed with a 3-story residential row house, each constructed prior to 1900. Each row house has a small rear yard. Each of the lots are zoned R6A with no commercial overlay.
East – Adjacent properties	Block 1863, Lot 16 (1440 Fulton Street) – The 2,000 ft^2 lot is developed with a 4,760 ft^2 4-story brick apartment brick building with first floor commercial space (currently/recently utilized as a dentist's office). The building was constructed prior to 1910. A small rear yard is located behind the apartment building. The lot is zoned R7D with a C2-4 commercial overlay. Block 1863, Lot 60 (325 Herkimer Street) – The 16,300 ft^2 lot is currently undeveloped and utilized for parking. The large lot is zoned R6A with no commercial overlay.
West – Adjacent properties	Block 1863, Lot 8 (1424 Fulton Street Street) – The 2,000 ft^2 lot is developed with a 2,880 ft^2 3-story brick apartment building with first floor commercial space. The building was constructed prior to 1910. A small rear yard is located behind the apartment building. The lot is zoned R7D with a C2-4 commercial overlay. Block 1863, Lots 74 & 75 (291 and 289 Herkimer Street) – Both 2,000 ft^2 lots are developed with 3-story apartment buildings constructed prior to 1900. Both lots also have a small rear yard behind the apartment buildings. Both lots are zoned R6A with no commercial overlay.

2.0 SITE HISTORY

2.1 PAST USES AND OWNERSHIP

A Phase I Environmental Site Assessment was completed by Property Solutions, Inc, in December of 2008 for the Site. The Phase I report indicated that the Site has historically used as residential, retail stores and as a New York City Transit (BMTRR) subway maintenance station.

Property Solutions Inc., noted that the former use of the site as a trolley and railcars maintenance shop may have created potential spills of locomotive fuel and other fluids used for the operation and maintenance of the railcars. Property Solutions Inc., recommended a detailed Phase II Subsurface Investigation be performed at the site to determine if potential impacts from former operations at the site are present.

2.2 PREVIOUS INVESTIGATIONS

In February 2009, IVI Environmental, Inc. (IVI) conducted a Phase II subsurface investigation at the site. The investigation consisted of a geophysical survey and the installation of four soil borings for the collection and analysis of eight soil samples. The geophysical survey did not identify any anomalies indicative of a UST or UST piping. It did however note that the suspected fill pipe identified by IVI during the Phase I inspection as a cut fence post.

SVOCs (Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, and Chrysene) were only detected at concentrations slightly above TAGM guidance values in soil boring B4, at a depth of 4 feet below grade. No other SVOCs were detected in any of the other shallow or deep soil samples. However, chromium was detected above TAGM guidance values in all 8 soil samples and mercury was also detected above TAGM guidance values in three of the four shallower soil samples. No VOCs were detected at a concentration above TAGM guidance values in any of the soil samples submitted for analysis.

2.3 SITE INSPECTION

Mr. Kevin Brussee of EBC performed the site inspection on December 8, 2011, beginning at approximately 1:00 pm. The reconnaissance included a visual inspection of the Site lot, the interior of the Site buildings, and the exterior of adjacent properties. No evidence of an

aboveground or underground storage tank was observed during the Site inspection. No floor drains were observed within the Site buildings, and no storm drains were observed in the parking area of the Site. No surface stains were observed on the paved parking area.

The interior of the main Site building (1426 & 1428 Fulton Street) that are currently used as a night/dance club was mostly empty. The high 1-story building is setup for use as a dance floor, and overhanging balconies are constructed overhead. A small kitchen area is constructed in the rear of the building and a DJ booth is located in the front of the building. The first floor of the 3-story building was set up for use as a coat check and small gathering area.

2.4 AREAS OF CONCERN

The AOCs identified for this site include:

2. Historic fill layer is present at the site from grade to 5 feet below grade.

Phase 1 Report is presented in **Appendix A**.

3.0 PROJECT MANAGEMENT

3.1 PROJECT ORGANIZATION

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Charles B. Sosik, P.G.

3.2 HEALTH AND SAFETY

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 MATERIALS MANAGEMENT

All material encountered during the RI was managed in accordance with applicable laws and regulations.

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4.0 REMEDIAL INVESTIGATION ACTIVITIES

ADAS, Inc; Porteral Warehouse; and The Porter Foundation, Inc. performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 7 soil borings across the entire project Site, and collected 15 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed 3 groundwater monitoring wells throughout the Site to establish groundwater flow and collected 3 groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed 3 soil vapor probes around Site perimeter and collected 3 samples for chemical analysis.

4.1 GEOPHYSICAL INVESTIGATION

Puls, Inc. performed a geophysical survey at the Site on December 16, 2011. A copy of the Puls, Inc. geophysical report is attached in **Appendix B**. PULS deployed a combination of Electromagnetic (EM) Utility and (GPR) Ground Penetrating Radar utility locating equipment. Specifically these were:

- (EM): Metrotech 810 A (82 MHz)
- (EM): Radiodetection RD4000 (60, Hz512 Hz, 8KHz, 33KHz, 65KHz)
- (GPR): Mala Geosciences (1600 MHz)

PULS arrived on site and scanned the parking lot in a grid pattern looking for any UST's that might be in the ground. No USTs were found. Upon completion, the PULS technician was asked to perform a GPR scan inside the building. Once inside the PULS technician determined that the wooden floor and the nails imbedded in the floor would interfere with the GPR scan. The technician informed the EBC representative on site that the GPR could not be completed inside.

4.2 BORINGS AND MONITORING WELLS

Drilling and Soil Logging

On December 16 and December 19, 2011 a total of seven soil borings (SB1-SB7) were performed in the approximate locations shown on **Figure 5**. The seven soil boring locations (SB1-SB7) were chosen to gain representative soil and groundwater quality information across the site. For each of the seven soil borings, soil samples were collected continuously from grade to a final depth of 15 feet below existing grade using a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. For soil boring SB5, the location of a proposed elevator shaft, soil samples were collected continuously from grade to a final depth of 25 feet. Soil recovered from each of the soil borings was field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. No PID readings above background concentrations were obtained from any of the soil borings and no visual discoloration, odor/vapors or presence of free and/or residual product was observed.

Based on the final excavation depth required for construction of the new building (approximately 10 feet below grade), one soil sample was retained from each soil boring representing the interval 0 to 2 feet below grade and one soil sample was retained from each soil boring representing the interval 12-14 feet below grade. An additional soil sample was retained for soil boring SB5 representing the interval 21-23 feet below grade to obtain soil quality information from immediately below the elevator shaft. Soil boring details are provided in **Table 1**. Boring logs were prepared by a QEP and are attached in **Appendix C**. A map showing the location of soil borings and monitor wells is shown in **Figure 5**.

Groundwater Monitoring Well Construction

A temporary 1-inch diameter PVC monitoring well with 10 feet of 0.010 slot screen was installed at borings B1, B4, B5, B6 and B7 and set to intersect the water table. Since groundwater was encountered at approximately 46 feet below grade, monitoring wells were installed to a depth of 51 feet. Monitoring well samping details are provided in **Table 1**. Monitoring well locations are shown in **Figure 5**.

Survey

Soil borings and wells were located to the nearest 0.10 foot with respect to two or more permanent site features.

Water Level Measurement

Approximate groundwater level measurements were collected using a Solinst oil/water interface meter to ensure the surface of the water table was within the screened section of the monitoring well. No free product was observed within the three monitoring wells. Water level data is included in **Table 1**.

4.3 SAMPLE COLLECTION AND CHEMICAL ANALYSIS

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Fifteen soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Tables 2 through 5**. **Figure 5** shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

One field duplicate soil sample was retained based on the frequency of one duplicate doil sample per 20 soil samples collected. Each of the fifteen soil samples, as well as the field duplicate soil sample were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory

(ELAP Certification No. 11301). 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. A trip blank was retained throughout the Site sampling activities and included within the cooler of samples for laboratory analysis of VOCs by EPA Method 8260.

Groundwater Sampling

Three groundwater samples were collected for chemical analysis during this RI. Groundwater samples were collected by installing a one-inch diameter PVC well, 5-feet below the water table interface (set at approximately 45 to 50 feet below grade). A groundwater sample was then collected from each temporary well utilizing dedicated polyethylene tubing and a peristaltic pump. Groundwater samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix for analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and TAL metals.
Groundwater sample collection data is reported in **Tables 6** through **10**. Sampling logs with information on purging and sampling of groundwater monitor wells is included in **Appendix D**. **Figure 5** shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

One field duplicate groundwater sample was collected based on the frequency of one duplicate groundwater sample per 20 samples collected. As previously noted, a trip blank was retained throughout the Site sampling activities and included within the cooler of samples for laboratory analysis of VOCs by EPA Method 8260.

Soil Vapor Sampling

Three soil vapor probes were installed and three soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in **Figure 5**. Soil vapor sample collection data is reported in **Table 11**. Soil vapor sampling logs are included in **Appendix E**. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

Three soil vapor implants were installed on December 16, 2011, using Geoprobe™ equipment and tooling. The approximate location of each of the soil vapor implants are shown on **Figure 5**. The vapor implants that were installed were the Geoprobe™ Model AT86 series, which are constructed of a 6-inch length of double woven stainless steel wire. The implants were installed to a depth of 17 feet below grade at all locations. Each implant was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the vapor implant to a height of approximately 1 foot above the bottom of the implant. The remainder of the borehole was sealed with a bentonite slurry to the surface.

Soil vapor sampling was performed on December 20, 2011, after each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 foot ft by 1 ft square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas test procedure was employed at all three soil vapor sampling locations. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the four vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field note book. Sampling then proceeded by fully opening the flow control valve on each canister in turn. Immediately after opening the flow control valve on a

canister, the initial vacuum (inches of mercury) was recorded in the field book and on the sample tag. When the vacuum level in the canister was between 5 and 8 inches of mercury (approx 2 hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

The soil gas 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 E**). Samples were submitted to Phoenix for laboratory analysis of VOCs EPA Method TO-15.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Phoenix Environmental Laboratories
Chemical Analytical Laboratory	Chemical analytical laboratoryused in the RI is NYS ELAP certified and was Phoenix Environmental Laboratories
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000);

	• PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters..

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in **Table 2 through 11**, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Appendix F**.

5.0 ENVIRONMENTAL EVALUATION

5.1 GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS

Stratigraphy

Subsurface soil at the site consisted of urban fill, which was primarily comprised of brick, concrete, wood and other debris in a brown silty-sand matrix. The layer of urban fill extended to a depth ranging from ground surface to approximately 5 feet below grade. Native soil consisting of a brown silty sand with gravel/rock is present below the urban fill layer.

Hydrogeology

Groundwater was encountered at a depth of approximately 46 feet below grade. Regional groundwater flow is west toward the East River,

5.2 SOIL CHEMISTRY

A summary table of data for chemical analyses performed on soil samples is included in **Tables 2** through **5**. Results were compared to NYSDEC unrestricted and restricted residential soil cleanup objectives (SCOs) as presented in part 375-6 and CP51. A copy of the laboratory report is provided in **Appendix F**. **Figure 6** shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

Soil/fill samples collected during the RI detected no pesticides or PCBs. One VOC was detected in one sample below Track 1 Unrestricted Use (Track 1) SCOs. Seven SVOCs were detected above Track 2 Restricted Residential SCOs and all were found in the shallow soil horizon and none were detected at 10-12 foot depths. These SVOCs were all PAH compounds and their concentrations and distribution indicate that they are associated with historic fill material observed in shallow samples. Four metals (arsenic, barium, cadmium, and copper) were detected above Track 2 Restricted Residential SCOs in just one shallow soil sample. Lead exceeded Track 2 Restricted Residential SCOs in four shallow samples with concentrations ranging up to 4300 pm. Five metals were detected above Track 1 in deep samples but were well below Track 2 Restricted Residential SCOs. Overall, soil testing results were unremarkable and were consistent with observations for other historical fill sites in Brooklyn. The RI did not reveal any contaminant source areas on this property.

5.3 GROUNDWATER CHEMISTRY

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in **Tables 6** through **10**. Exceedence of applicable groundwater standards are shown.

Figure 7 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards. Groundwater samples collected during the RI detected no VOCs, pesticides or PCBs. A trace of one SVOC was identified but was well below New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Dissolved concentrations of iron, manganese and sodium were detected above their corresponding GQS. These findings are consistent with regional impacts of road salting or intrusion of brackish surface water and not impacts from site conditions. The RI indicates that groundwater is not impacted by site conditions and did not reveal any sources of contaminants onsite.

5.4 SOIL VAPOR CHEMISTRY

Soil vapor samples collected during the RI showed a wide range of petroleum and chlorinated volatile organic compounds at relatively low concentrations. Most petroleum compounds were detected at trace concentrations and almost all below 10 ug/m3. PCE and TCE ranged from 0.11 to 2.77 $\mu g/m^3$ and 0.1 to 1.9 $\mu g/m^3$, respectively, with most findings in the range of typical ambient air quality levels in NYC. These results were all well below the monitoring levels for PCE and TCE in the State DOH soil vapor guidance matrix. Neither PCE nor TCE were detected within any of the soil and groundwater samples collected at the Site and these low levels suggest a possible offsite origin

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in **Table 11**.

Figure 8 shows the location and posts the values for soil vapor samples with detected concentrations.

5.5 PRIOR ACTIVITY

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 IMPEDIMENTS TO REMEDIAL ACTION

There are no known impediments to remedial action at this property.

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TABLES

Table 1
1426-1438 Fulton Street, Brooklyn, New York
Soil Boring / Well Information

Boring/Well No.	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)
B1	12/16/2011	15	2			-
B2	12/16/2011	15	2			-
B3	12/16/2011	15	2			-
B4	12/16/2011	15	2			-
B5	12/16/2011	15	2			-
B6	12/16/2011	25	2			-
B7	12/16/2011	15	2			-
GW1 - Well	12/16/2011	50	1	pvc	10.00	46
GW2 - Well	12/16/2011	50	1	pvc	10.00	46
GW3 - Well	12/16/2011	50	1	pvc	10.00	14

TABLE 2
1426 Fulton 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*	SB1(0-2') µg/Kg	SB1(12-14') µg/Kg	SB2(0-2') µg/Kg	SB2(12-14') µg/Kg	SB3(0-2') µg/Kg	SB3(10-12') µg/Kg	SB4(0-2') µg/Kg	SB4(12-14') µg/Kg	SB5(0-2') µg/Kg	SB5(12-14') µg/Kg	SB5(21-23') µg/Kg	SB6(0-2') µg/Kg	SB6(12-14') µg/Kg	SB7(0-2') µg/Kg	SB7(12-14') µg/Kg
1,1,1,2-Tetrachlorothane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	270	26,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	330		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7.9**	ND
1,2-Dibromo-3-chloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	20	3,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone (Methyl Butyl Ketone)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Isopropyltoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone		100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	60	4,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	760	2,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	370	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene		100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromoethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	41,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylenes	260		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone (2-Butanone)		100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-butyl ether (MTBE)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	50	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	260		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene		19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran (THF)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene		100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trabs-1,4-dichloro-2-butene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	470	21,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	20	900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total BTEX Concentration			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Total VOCs Concentration			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**7.9**	**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 3
1426 Fulton 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*	SB1(0-2') µg/Kg	SB1(12-14') µg/Kg	SB2(0-2') µg/Kg	SB2(12-14') µg/Kg	SB3(0-2') µg/Kg	SB3(10-12') µg/Kg	SB4(0-2') µg/Kg	SB4(12-14') µg/Kg	SB5(0-2') µg/Kg	SB5(12-14') µg/Kg	SB5(21-23') µg/Kg	SB6(0-2') µg/Kg	SB6(12-14') µg/Kg	SB7(0-2') µg/Kg	SB7(12-14') µg/Kg
1,2,4,5-Tetrachlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene			ND	ND	**960**	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	ND	ND	ND
2-Methylphenol (o-cresol)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3&4-Methylphenol (m&p-cresol)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20,000	100,000	ND	ND	**2,500**	ND	ND	ND	**360**	ND	ND	ND	ND	**4,600**	ND	**1,300**	ND
Acenaphthylene	100,000	100,000	ND	ND	ND	ND	ND	**ND**	ND	ND	ND	ND	ND	**510**	ND	ND	ND
Acetophenone			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene		100,000	ND	ND	**6,600**	ND	**270**	ND	**830**	ND	ND	ND	ND	**12,000**	ND	**2,700**	ND
Azobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1,000	1,000	**3,300**	ND	**12,000**	ND	**890**	**730**	**1,500**	ND	**700**	ND	ND	**16,000**	ND	**7,500**	ND
Benzidine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	1,000	1,000	**3,000**	ND	**11,000**	ND	**780**	**620**	**1,300**	ND	**630**	ND	ND	**13,000**	ND	**7,200**	ND
Benzo(b)fluoranthene	1,000	1,000	**3,900**	ND	**13,000**	ND	**1,000**	**760**	**1,700**	ND	**750**	ND	ND	**16,000**	ND	**10,000**	ND
Benzo(g,h,i)perylene	100,000	100,000	**2,000**		**4,300**	**290**	**600**	**460**	**790**	ND	**440**	ND	ND	**3,400**	ND	**2,900**	ND
Benzo(k)fluoranthene	800	3,900	**1,400**	ND	**4,300**	ND	**360**	**280**	**620**	ND	**280**	ND	ND	**4,800**	ND	**2,800**	ND
Benzoic Acid			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate			ND	ND	ND	ND	ND	**440**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole			ND	ND	**11,000**	ND	ND	ND	ND	ND	ND	ND	ND	**3,800**	ND	ND	ND
Chrysene	1,000	3,900	**3,300**	ND	ND	ND	**960**	**900**	**1,500**	ND	**740**	ND	ND	**14,000**	ND	**7,400**	ND
Dibenzo(a,h)anthracene	330	330	ND	ND	**1,300**	ND	ND	ND	ND	ND	ND	ND	ND	**1,300**	ND	**830**	ND
Dibenzofuran			ND	ND	**2,100**	ND	ND	ND	**320**	ND	ND	ND	ND	**4,300**	ND	**690**	ND
Diethyl phthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100,000	100,000	**5,800**	ND	**31,000**	ND	ND	**1,700**	**4,400**	ND	**1,700**	ND	ND	**43,000**	ND	**19,000**	ND
Fluorene	30,000	100,000	ND	ND	**3,200**	ND	ND	ND	**290**	ND	ND	ND	ND	**6,600**	ND	**1,200**	ND
Hexachlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	500	500	**1,500**	ND	**4,300**	**270**	**530**	ND	**710**	ND	**360**	ND	ND	**3,800**	ND	**2,800**	ND
Isophorone			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	100,000	ND	ND	**2,300**	ND	ND	ND	**270**	ND	ND	ND	ND	**3,600**	ND	ND	ND
Nitrobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachloronitrobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100,000	100,000	**4,600**	ND	**30,000**	ND	**1,800**	**1,200**	**4,800**	ND	**1,200**	ND	ND	**49,000**	ND	**16,000**	ND
Phenol			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	100,000	100,000	**5,500**	ND	**27,000**	ND	**1,800**	**1,700**	**3,500**	ND	**1,700**	ND	ND	**34,000**	ND	**17,000**	ND
Pyridine			ND	ND	ND	ND	ND	ND	ND	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 UUSCO Guidance Value

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

TABLE 4
1426 Fulton 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*	SB1(0-2') µg/Kg	SB1(12-14') µg/Kg	SB2(0-2') µg/Kg	SB2(12-14') µg/Kg	SB3(0-2') µg/Kg	SB3(10-12') µg/Kg	SB4(0-2') µg/Kg	SB4(12-14') µg/Kg	SB5(0-2') µg/Kg	SB5(12-14') µg/Kg	SB5(21-23') µg/Kg	SB6(0-2') µg/Kg	SB6(12-14') µg/Kg	SB7(0-2') µg/Kg	SB7(12-14') µg/Kg
PCB-1016	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1262	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1268	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDD	3.3	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDE	3.3	8,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDT	3.3	7,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
a-BHC	20	480	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alachlor			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	5	97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
b-BHC	36	360	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	94	4,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
d-BHC	40	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	5	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	14	11,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	42	2,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene			ND	ND	ND	ND	ND	ND	ND	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 UUSCO Guidance Value

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

TABLE 5
1426 Fulton 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*	SB1(0-2') mg/Kg	SB1(12-14') mg/Kg	SB2(0-2') mg/Kg	SB2(12-14') mg/Kg	SB3(0-2') mg/Kg	SB3(12-14') mg/Kg	SB4(0-2') mg/Kg	SB4(12-14') mg/Kg	SB5(0-2') mg/Kg	SB5(12-14') mg/Kg	SB5(21-23') mg/Kg	SB6(0-2') mg/Kg	SB6(12-14') mg/Kg	SB7(0-2') mg/Kg	SB7(12-14') mg/Kg
Silver	2	180	<0.35	<0.35	<0.37	<0.31	<0.36	<0.33	<0.36	<0.34	<0.40	<0.37	<0.37	<0.38	<0.33	<0.42	<0.36
Aluminum			7,020	6,780	15,000	7,320	9,990	9,420	9,970	7,880	13,700	5,870	6,640	6,760	7,920	6,440	6,560
Arsenic	13	16	3.96	<0.72	<0.77	<0.63	<0.73	<0.67	<0.72	<0.68	<0.81	<0.75	<0.74	2.13	<0.66	24	<0.72
Barium	350	400	230	52.1	375	59.2	53.2	50.8	48.2	42.5	68.2	54.5	41.1	325	37	736	82.5
Beryllium	7.2	72	0.35	0.8	0.8	0.35	0.43	0.37	0.46	0.34	0.55	0.37	0.39	0.3	0.35	0.33	0.42
Calcium			37,000	953	8,770	1,010	29,800	70,000	32,900	1,610	2,380	1,370	2,140	19,400	2,800	5,870	773
Cadmium	2.5 c	4.3	1.35	<3.5	1.17	0.68	0.72	1.45	0.75	0.65	0.98	0.99	0.61	1.63	0.69	11.7	0.72
Cobalt			5.99	5.67	6.42	6.57	6.14	5.17	6.36	6.73	10.5	20.3	7.15	7.81	7.32	14.5	6.17
Chromium	30 c	180	23.7	16	37.2	16.6	18.8	23.6	17.8	20.4	21.2	110	15.8	36.2	21.4	114	14.2
Copper	50	270	63.3	152	151	154	136	74.7	18	14	22.3	17.3	16.7	101	15.8	584	12.4
Iron			18,400	16,800	20,200	16,200	18,100	16,700	18,000	17,300	20,000	27,000	16,700	18,700	19,700	148,000	18,500
Mercury	0.18 c	0.81	0.25	<0.08	0.11	<0.08	0.09	<0.08	<0.06	<0.08	0.32	<0.08	<0.08	0.29	<0.07	0.34	<0.07
Potassium			830	699	880	644	1,030	1,480	1,420	971	1,340	849	1,140	725	1,230	566	627
Magnesium			3,420	1,440	3,590	1,640	3,020	8,390	4,680	2,110	3,090	2,030	2,180	7,260	3,240	1,970	1,330
Manganese	1600 c	2,000	299	374	514	616	414	282	326	411	306	567	381	318	329	718	435
Sodium			169	63.4	174	141	616	778	389	159	120	136	313	281	221	173	110
Nickel	30	310	17	16.1	19.6	19.4	13.3	12.8	13.7	15.2	20.6	90.2	18.9	92.9	13.8	50.5	13.9
Lead	63 c	400	489	7.39	1,370	10.8	161	99.9	28.9	7.69	114	7.73	9.66	4,380	7.72	2,530	6.87
Antimony			<3.5	<3.5	<3.7	<3.1	<3.6	<3.3	<3.6	<3.4	<4.0	<3.7	<3.7	<3.8	<3.3	<3.7	<3.6
Selenium	3.9c	180	<1.4	<1.4	<1.5	<1.3	<1.5	<1.3	<1.4	<1.4	<1.6	<1.5	<1.5	<1.5	<1.3	10.5	<1.4
Thallium			<3.2	<3.2	<3.3	<2.8	<3.3	<3.0	<3.2	<3.1	<3.6	<3.4	<3.4	<3.4	<3.0	<3.4	<3.2
Vanadium			34.8	30.1	35.7	27.3	57.8	24.2	29.1	32.4	32.6	26.8	30	618	33	53.2	30.7
Zinc	109 c	10,000	398	21.3	197	29.4	49.6	417	34	25.1	140	29.8	30.8	504	26.4	1,700	22.7

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 6
1426 Fulton Avenue, Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	GW1 µg/L	GW2 µg/L	GW3 µg/L
1,1,1,2-Tetrachlorothane	5	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND
1,1-Dichloropropene		ND	ND	ND
1,2,3-Trichlorobenzene		ND	ND	ND
1,2,3-Trichloropropane		ND	ND	ND
1,2,4-Trichlorobenzene		ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND
1,2-Dibromo-3-chloropropane		ND	ND	ND
1,2-Dichlorobenzene		ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND
1,2-Dichloropropane	0.94	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND
1,3-Dichloropropane		ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND
2,2-Dichloropropane		ND	ND	ND
2-Chlorotoluene		ND	ND	ND
2-Hexanone (Methyl Butyl Ketone)		ND	ND	ND
2-Isopropyltoluene		ND	ND	ND
4-Chlorotoluene		ND	ND	ND
4-Methyl-2-Pentanone		ND	ND	ND
Acetone		ND	ND	ND
Acrylonitrile		ND	ND	ND
Benzene	1	ND	ND	ND
Bromobenzene		ND	ND	ND
Bromochloromethane	5	ND	ND	ND
Bromodichloromethane		ND	ND	ND
Bromoform		ND	ND	ND
Bromomethane	5	ND	ND	ND
Carbon Disulfide		ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND
Chlorobenzene		ND	ND	ND
Chloroethane		ND	ND	ND
Chloroform	7	ND	ND	ND
Chloromethane		ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND
cis-1,3-Dichloropropene		ND	ND	ND
Dibromochloromethane		ND	ND	ND
Dibromoethane		ND	ND	ND
Dibromomethane		ND	ND	ND
Dichlorodifluoromethane		ND	ND	ND
Ethylbenzene	5	ND	ND	ND
Hexachlorobutadiene		ND	ND	ND
Isopropylbenzene	5	ND	ND	ND
m&p-Xylenes	5	ND	ND	ND
Methyl Ethyl Ketone (2-Butanone)		ND	ND	ND
Methyl t-butyl ether (MTBE)		ND	ND	ND
Methylene chloride		ND	ND	ND
Naphthalene		ND	ND	ND
n-Butylbenzene	5	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND
o-Xylene	5	ND	ND	ND
p-Isopropyltoluene		ND	ND	ND
sec-Butylbenzene		ND	ND	ND
Styrene		ND	ND	ND
tert-Butylbenzene		ND	ND	ND
Tetrachloroethene	5	ND	ND	ND
Tetrahydrofuran (THF)		ND	ND	ND
Toluene	5	ND	ND	ND
Total Xylenes		ND	ND	ND
trans-1,2-Dichloroethene		ND	ND	ND
trans-1,3-Dichloropropene		ND	ND	ND
trabs-1,4-dichloro-2-butene		ND	ND	ND
Trichloroethene	5	ND	ND	ND
Trichlorofluoromethane		ND	ND	ND
Trichlorotrifluoroethane		ND	ND	ND
Vinyl Chloride		ND	ND	ND

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

TABLE 7
1426 Fulton Avenue, Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	GW1 µg/L	GW2 µg/L	GW3 µg/L
1,2-Dichlorobenzene	3	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND
2,4-Dinitrotoluene	5	ND	ND	ND
2,6-Dinitrotoluene	5	ND	ND	ND
2-Chloronaphthalene	0.11	ND	ND	ND
2-Methylnaphthalene		ND	ND	ND
2-Nitroaniline	0.94	ND	ND	ND
3,3'-Dichlorobenzidine	5	ND	ND	ND
3-Nitroaniline	5	ND	ND	ND
4-Bromophenyl phenyl ether		ND	ND	ND
4-Chloroaniline		ND	ND	ND
4-Chlorophenyl phenyl ether		ND	ND	ND
4-Nitroaniline	5	ND	ND	ND
Acenaphthene		ND	ND	ND
Acenaphthylene	5	ND	ND	ND
Anthracene		ND	ND	ND
Azobenzene		ND	ND	ND
Benzo(a)anthracene		ND	**0.04**	ND
Benzidine	5	ND	ND	ND
Benzo(a)pyrene		ND	ND	ND
Benzo(b)fluoranthene		ND	ND	ND
Benzo(g,h,i)perylene		ND	ND	ND
Benzo(k)fluoranthene		ND	ND	ND
Benzoic Acid		ND	ND	ND
Benzyl Alcohol		ND	ND	ND
Butyl benzyl phthalate		ND	ND	ND
Bis(2-chloroethoxy)methane		ND	ND	ND
Bis(2-chloroethyl)ether	1	ND	ND	ND
Bis(2-chloroisopropyl)ether		ND	ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	ND	ND
Chrysene		ND	ND	ND
Dibenzo(a,h)anthracene		ND	ND	ND
Dibenzofuran		ND	ND	ND
Diethylphthalate		ND	ND	ND
Dimethylphthalate		ND	ND	ND
Di-n-butylphthalate		ND	ND	ND
Di-n-octylphthalate		ND	ND	ND
Fluoranthene		ND	ND	ND
Fluorene		ND	ND	ND
Hexachlorobenzene	0.04	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND
Hexachlorocyclopentadiene	5	ND	ND	ND
Hexachloroethane	5	ND	ND	ND
Indeno(1,2,3-cd)pyrene		ND	ND	ND
Isophorone		ND	ND	ND
Naphthalene		ND	ND	ND
Nitrobenzene	0.4	ND	ND	ND
N-Nitrosodimethylamine		ND	ND	ND
N-Nitrosodi-n-propylamine		ND	ND	ND
N-Nitrosodiphenylamine		ND	ND	ND
Phenanthrene		ND	ND	ND
Pyrene		ND	ND	ND

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

TABLE 8
1426 Fulton Avenue, Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards µg/L	GW1 µg/L	GW2 µg/L	GW3 µg/L
PCB-1016	**0.09**	ND	ND	ND
PCB-1221	**0.09**	ND	ND	ND
PCB-1232	**0.09**	ND	ND	ND
PCB-1242	**0.09**	ND	ND	ND
PCB-1248	**0.09**	ND	ND	ND
PCB-1254	**0.09**	ND	ND	ND
PCB-1260	**0.09**	ND	ND	ND
PCB-1262	**0.09**	ND	ND	ND
PCB-1268	**0.09**	ND	ND	ND
4,4-DDD	**0.3**	ND	ND	ND
4,4-DDE	**0.2**	ND	ND	ND
4,4-DDT	**0.11**	ND	ND	ND
a-BHC	**0.94**	ND	ND	ND
Alachlor		ND	ND	ND
Aldrin		ND	ND	ND
b-BHC	**0.04**	ND	ND	ND
Chlordane	**0.05**	ND	ND	ND
d-BHC	**0.04**	ND	ND	ND
Dieldrin	**0.004**	ND	ND	ND
Endosulfan I		ND	ND	ND
Endosulfan II		ND	ND	ND
Endosulfan Sulfate		ND	ND	ND
Endrin		ND	ND	ND
Endrin aldehyde	**5**	ND	ND	ND
Endrin ketone		ND	ND	ND
gamma-BHC	**0.05**	ND	ND	ND
Heptachlor	**0.04**	ND	ND	ND
Heptachlor epoxide	**0.03**	ND	ND	ND
Methoxychlor	**35**	ND	ND	ND
Toxaphene		ND	ND	ND

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

Table 9
1426 Fulton Avenue, Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards µg/L	GW1 µg/L	GW2 µg/L	GW3 µg/L
Silver	50	<1.0	<1.0	<1.0
Aluminum	NS	**770**	**240**	**440**
Arsenic	25	<4.0	<4.0	<4.0
Barium	1000	**82**	**34**	**112**
Beryllium	3	<1.0	<1.0	<1.0
Calcium	NS	**37,200**	**19,400**	**63,300**
Cadmium	5	<1.0	<1.0	<1.0
Cobalt	NS	**6**	**2**	**7**
Chromium	50	**2**	**1**	**1**
Copper	200	**3**	**1**	**2**
Iron	500	**1,400**	**611**	**834**
Mercury	0.7	<0.2	<0.2	<0.2
Potassium	NS	**4,900**	**3,450**	**5,270**
Magnesium	35000	**28,300**	**11,600**	**31,700**
Manganese	300	**3,250**	**711**	**3,170**
Sodium	2000	**53,700**	**126,000**	**18,110**
Nickel	100	**21**	**14**	**27**
Lead	25	<2.0	<2.0	<2.0
Antimony	3	<5.0	<5.0	<5.0
Selenium	10	<11	<11	<11
Thallium	0.5	<2.0	<2.0	<2.0
Vanadium	NS	<2.0	<2.0	<2.0
Zinc	2000	**3**	**4**	**3**

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

Table 10
1426 Fulton Avenue, Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	GW1 mg/L	GW2 mg/L	GW3 mg/L
Silver	0.05	<0.001	<0.001	<0.001
Aluminum	NS	**151**	**24.3**	**63.1**
Arsenic	0.025	<0.004	<0.004	<0.004
Barium	1	**3**	**0.351**	**1.17**
Beryllium	0.003	**0.01**	<0.001	0.003
Calcium	NS	**82**	**28**	**79**
Cadmium	0.005	**0.022**	**0.006**	**0.011**
Cobalt	NS	**0.503**	**0.052**	**0.18**
Chromium	0.05	**0.931**	**0.539**	**0.503**
Copper	0.2	**1.23**	**0.273**	**0.541**
Iron	0.5	**524**	**102**	**215**
Mercury	0.0007	<0.0002	<0.0002	<0.0002
Potassium	NS	**44**	**9**	**19**
Magnesium	35	**116**	**27**	**69**
Manganese	0.3	**41.0**	**3.46**	**16**
Sodium	2	**55**	**113**	**21**
Nickel	0.1	**0.999**	**0.272**	**0.476**
Lead	0.025	**0.279**	**0.04**	**0.131**
Antimony	0.003	<0.005	<0.005	<0.005
Selenium	0.01	**0.029**	**0.011**	**0.014**
Thallium	0.0005	<0.002	<0.002	<0.002
Vanadium	NS	**0.545**	**0.091**	**0.206**
Zinc	2	**0.954**	**0.256**	**0.434**

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

TABLE 11
1426 Fulton Avenue, Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Air Guidance Value (µg/m^3) [a]	NYSDOH Soil Indoor Background Levels (µg/m^3) [b]	NYSDOH Soil Outdoor Background Levels (µg/m^3) [b]	VP1 (µg/m^3)	VP2 (µg/m^3)	VP3 (µg/m^3)
1,1,1,2-Tetrachloroethane				ND	ND	ND
1,1,1-Trichloroethane	100	<0.25	<2.0 - 2.8	**0.19**	ND	**0.39**
1,1,2,2-Tetrachloroethane		<0.25	<1.5	ND	ND	ND
1,1,2-Trichloroethane		<0.25	<1.0	ND	ND	ND
1,1-Dichloroethane		<0.25	<1.0	ND	ND	ND
1,1-Dichloroethene		<0.25	<1.0	ND	ND	ND
1,2,4-Trichlorobenzene		<0.25	NA	ND	ND	ND
1,2,4-Trimethylbenzene		0.7 - 4.3	<1.0	**0.35**	**0.36**	**0.48**
1,2-Dibromoethane		<0.25	<1.5	ND	ND	ND
1,2-Dichlorobenzene		<0.25	<2.0	ND	ND	ND
1,2-Dichloroethane		<0.25	<1.0	ND	ND	ND
1,2-Dichlorotetrafluoroethane		<0.25		ND	ND	ND
1,3,5-Trimethylbenzene		0.3 - 1.7	<1.0	ND	ND	ND
1,3-Butadiene		NA	NA	ND	ND	ND
1,3-Dichlorobenzene		<0.25	<2.0	ND	ND	ND
1,4-Dichlorobenzene		<0.25	NA	ND	ND	ND
1,4-Dioxane		NA		ND	ND	ND
2-Hexanone		NA		ND	ND	ND
4-Ethyltoluene		NA	NA	**0.4**	**0.32**	**0.46**
4-Isopropyltoluene				ND	ND	ND
4-Methyl-2-pentanone				ND	ND	0.43
Acetone		9.9 - 52	NA	**42.8**	**50.3**	**36.5**
Acrylonitrile				ND	ND	ND
Benzene		1.1 - 5.9	<1.6 - 4.7	**3.83**	**8.09**	**2.78**
Benzyl Chloride			NA	ND	ND	ND
Bromodichloromethane			<5.0	ND	ND	ND
Bromoform			<1.0	ND	ND	ND
Bromomethane		<0.25	<1.0	ND	ND	ND
Carbon Disulfide			NA	**0.35**	**2.36**	**2.49**
Carbon Tetrachloride	50	<0.25 - 0.6	<3.1	**0.06**	**0.07**	**0.09**
Chlorobenzene		<0.25	<2.0	ND	ND	ND
Chloroethane		<0.25	NA	ND	ND	ND
Chloroform		<0.25-0.6	<2.4	**1.94**	**0.26**	**2.45**
Chloromethane		<0.25 - 1.8	<1.0 - 1.4	ND	ND	ND
cis-1,2-Dichloroethene		<0.25	<1.0	ND	ND	ND
cis-1,3-Dichloropropene		<0.25	NA	ND	ND	ND
Cyclohexane		<0.25 - 2.6	NA	**0.66**	ND	**0.59**
Dibromochloromethane			<5.0	ND	ND	ND
Dichlorodifluromethane		<0.25 - 4.1	NA	**0.67**	**0.55**	**0.63**
Ethanol				**5.33**	**6.58**	**8.49**
Ethyl Acetate			NA	ND	ND	ND
Ethylbenzene		0.4 - 2.8	<4.3	**2.58**	**1.66**	**1.98**
Heptane			NA	**2.39**	**4.83**	**1.32**
Hexachlorobutadiene		<0.25	NA	ND	ND	ND
Hexane			<1.5	**4.24**	**12.8**	**3.56**
Isopropylalcohol			NA	ND	ND	ND
Isopropylbenzene		<0.25 - 0.4		ND	ND	ND
Xylene (m&p)		0.5 - 4.6	<4.3	**6.06**	**3.85**	**4.82**
Methyl Ethyl Ketone				ND	ND	**5.11**
MTBE		<0.25 - 5.6	NA	ND	ND	ND
Methylene Chloride	60	0.3 - 6.6	<3.4	**5.43**	**2.42**	**5.32**
n-Butylbenzene		<0.25 - 0.5		ND	ND	ND
Xylene (o)		0.4 - 3.1	<4.3	**1.2**	**0.81**	**1.08**
Propylene			NA	**25.9**	**129**	**23.5**
sec-Butylbenzene		<0.25 - 0.6		ND	ND	ND
Styrene		<0.25 - 0.6	<1.0	**0.34**	**0.3**	**0.43**
Tetrachloroethylene	100	<0.25 - 1.1		**1.17**	**0.11**	**2.77**
Tetrahydrofuran		<0.25 - 0.4	NA	**3.6**	**4.49**	**5.07**
Toluene		3.5 - 25	1.0 - 6.1	**20.9**	**19.5**	**12.5**
trans-1,2-Dichloroethene			NA	ND	ND	ND
trans-1,3-Dichloropropene		<0.25	NA	ND	ND	ND
Trichloroethylene	5	<0.25	<1.7	**0.84**	**0.1**	**1.9**
Trichlorofluoromethane		1.1 - 5.4	NA	**0.38**	**0.26**	**0.27**
Trichlorotrifluoroethane				ND	ND	ND
Vinyl Chloride		<0.25	<1.0	ND	ND	ND
*Total PVOCs**				78	193	73
*Total BTEX***				35	34	23
*Total VOCs****				89	199	89

Notes:
NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.
(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)
* Petroleum Volatile Organic Compounds
** Benzene, toluene, ethylbenzene, xylene
** * Volatile Organic Compounds (excluding acetone)

FIGURES

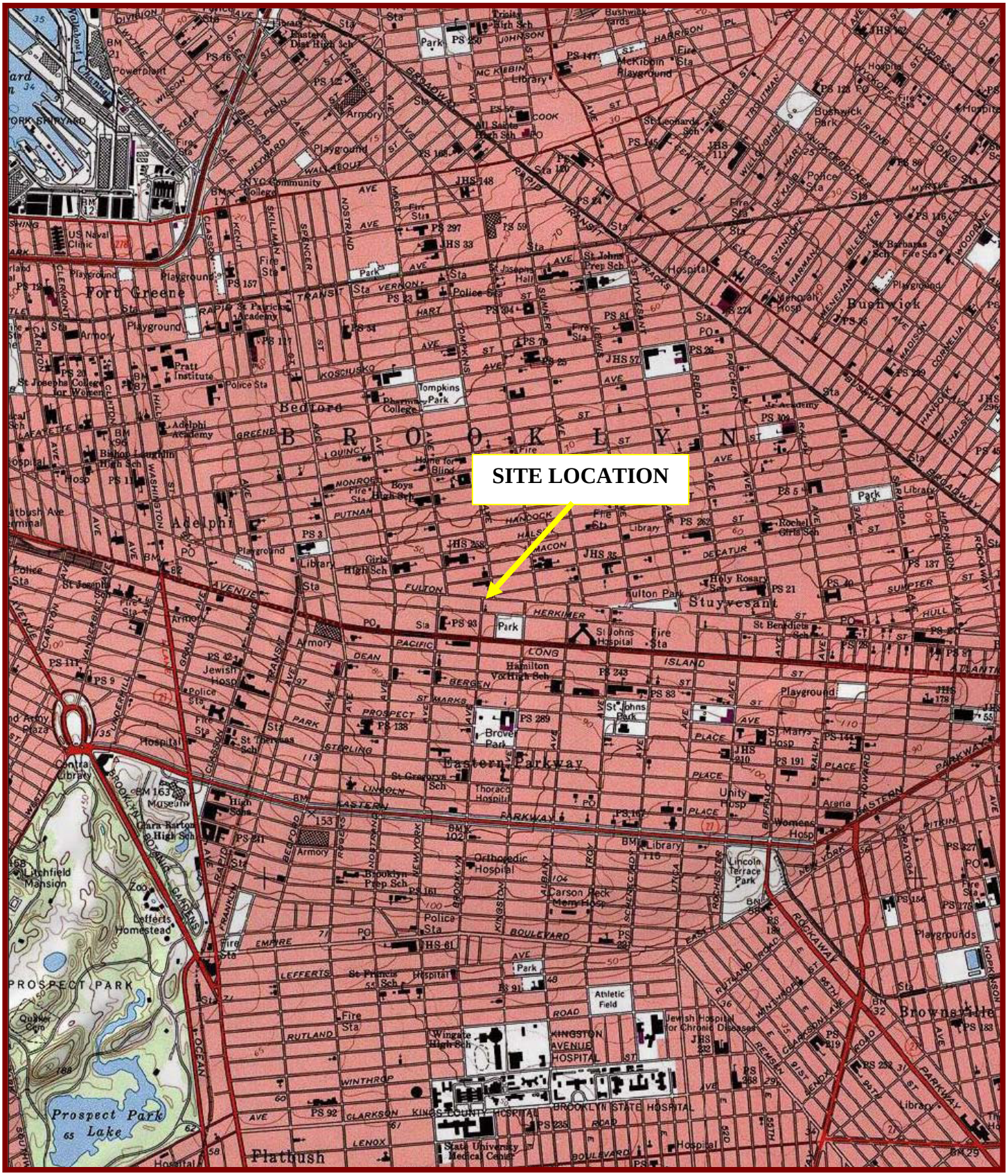

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FIGURE 1 – SITE LOCATION MAP

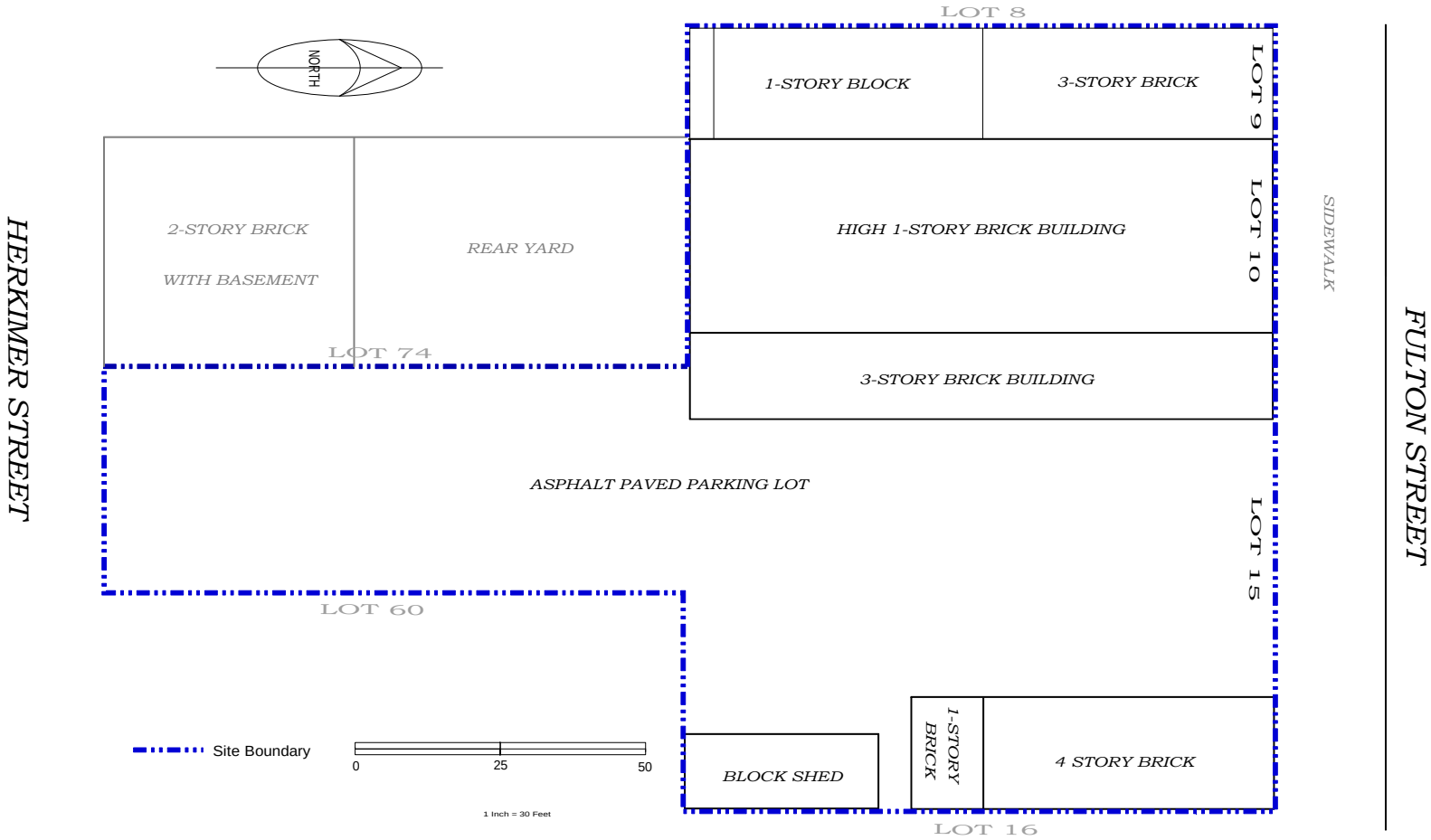

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FIGURE 2 - SITE BOUNDARIES

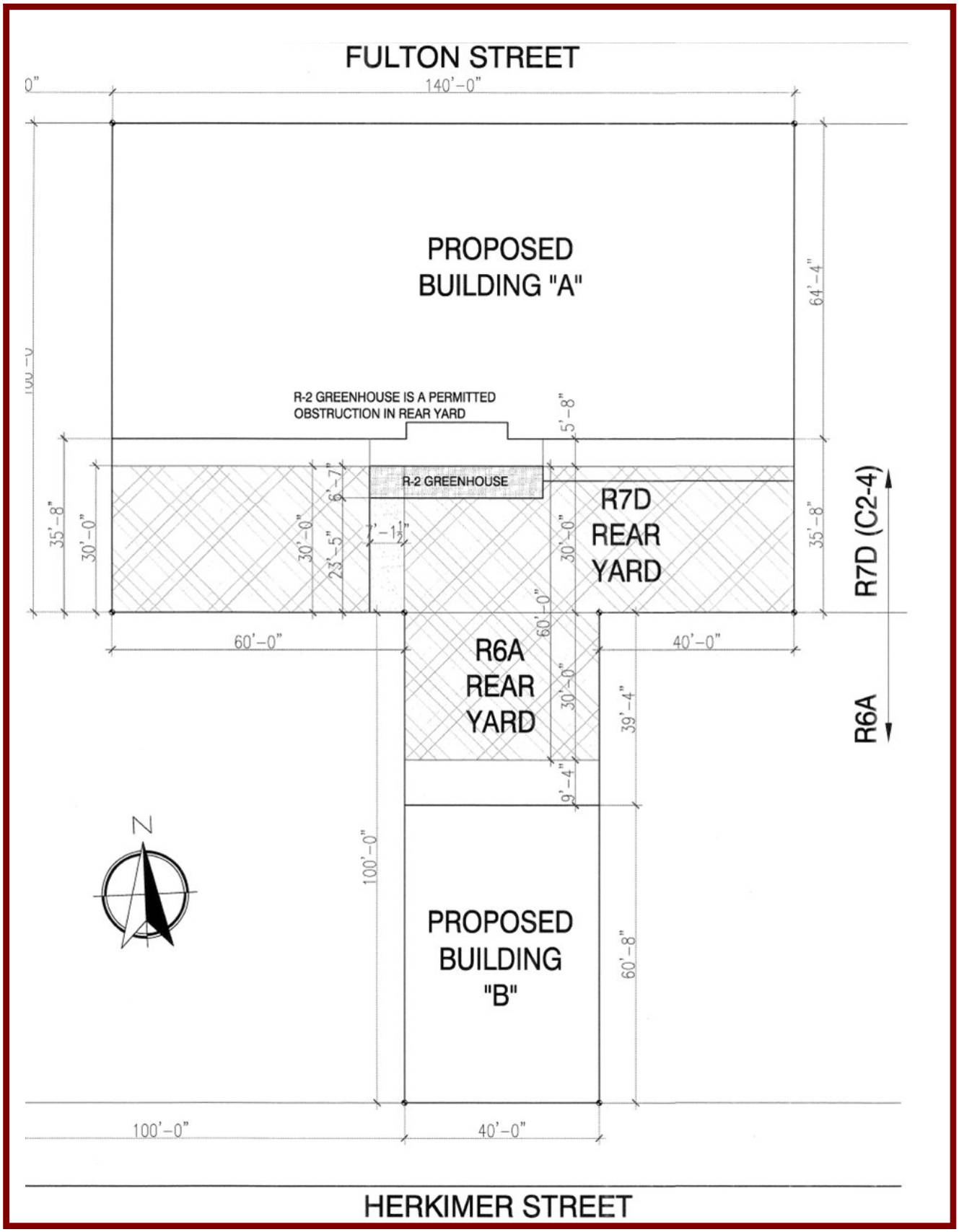

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FIGURE 3

Layout of Proposed Site Development

FIGURE 4

SURROUNDING LAND USE MAP

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HAZARDOUS MATERIALS REMEDIAL INVESTIGATION REPORT

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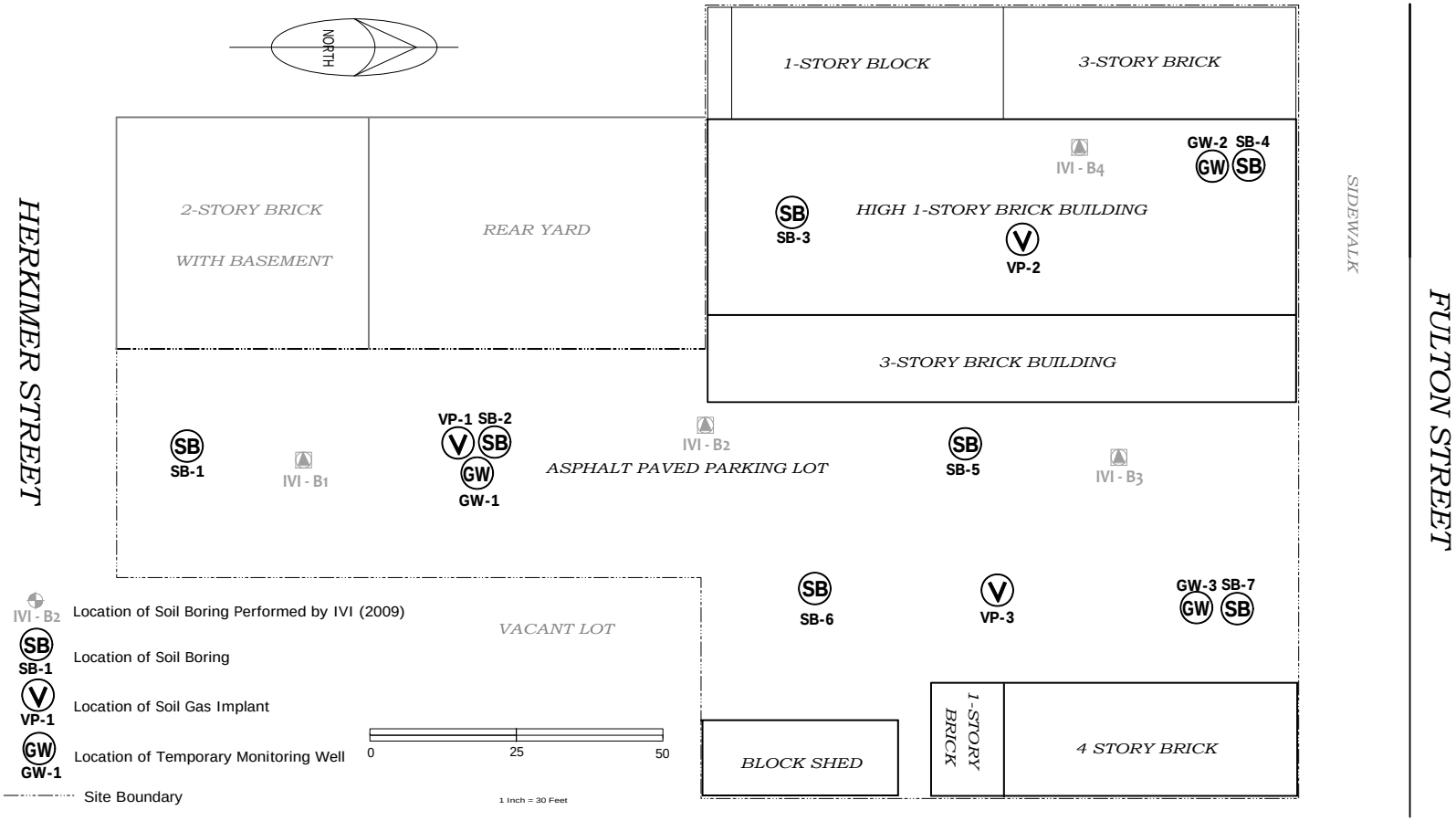

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FIGURE 5 SITE PLAN

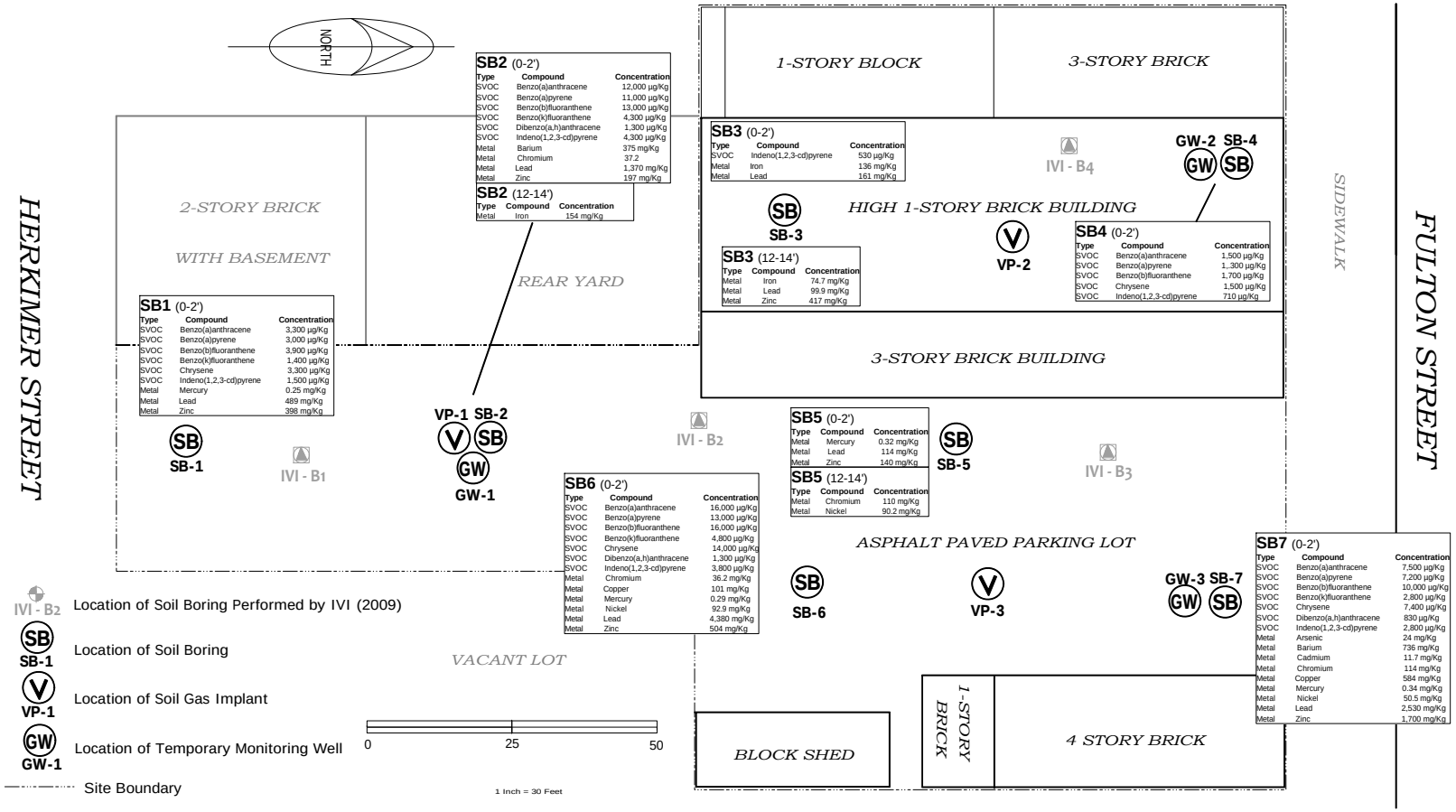

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FIGURE 6 SOIL EXCEEDANCES

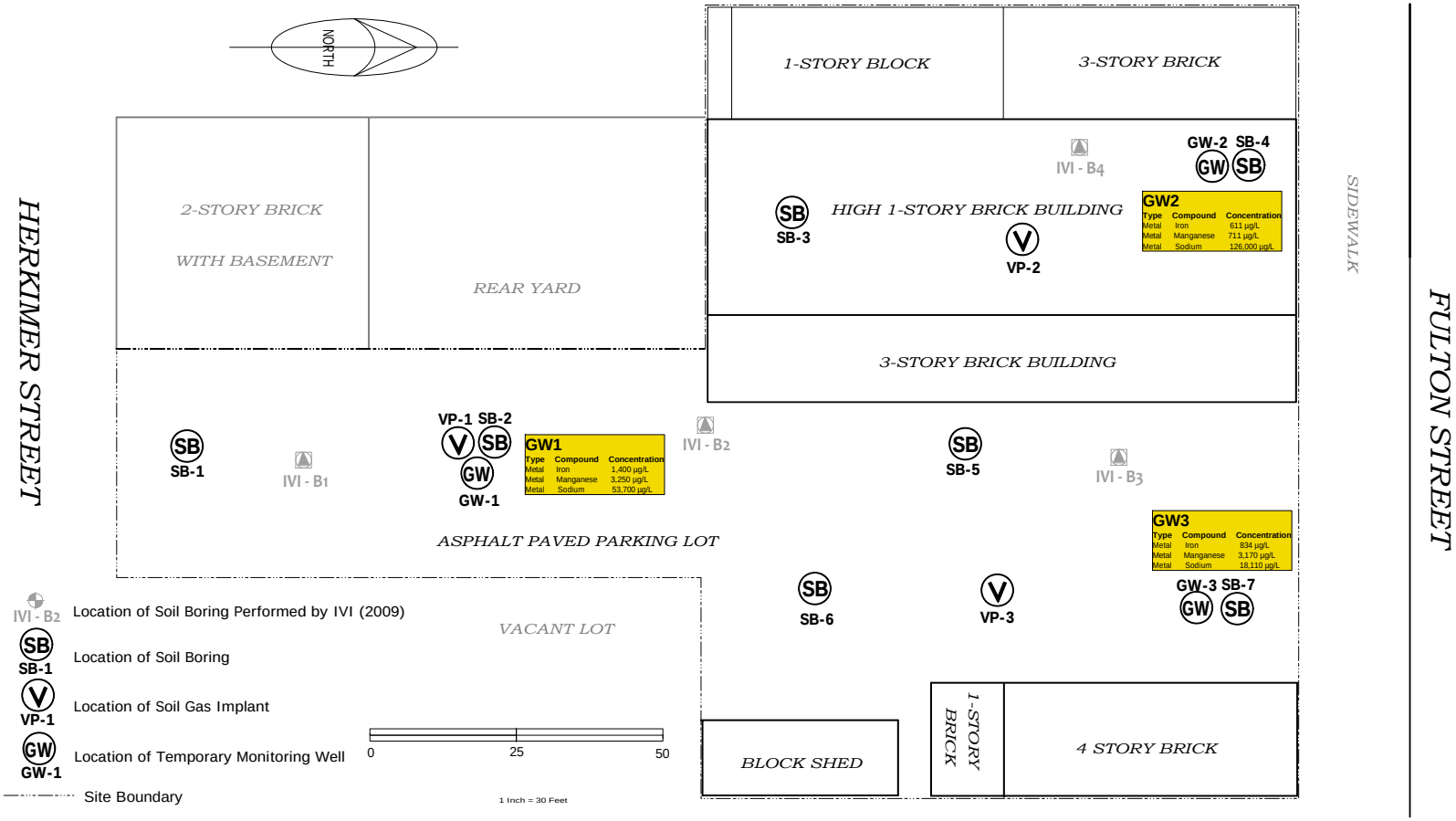

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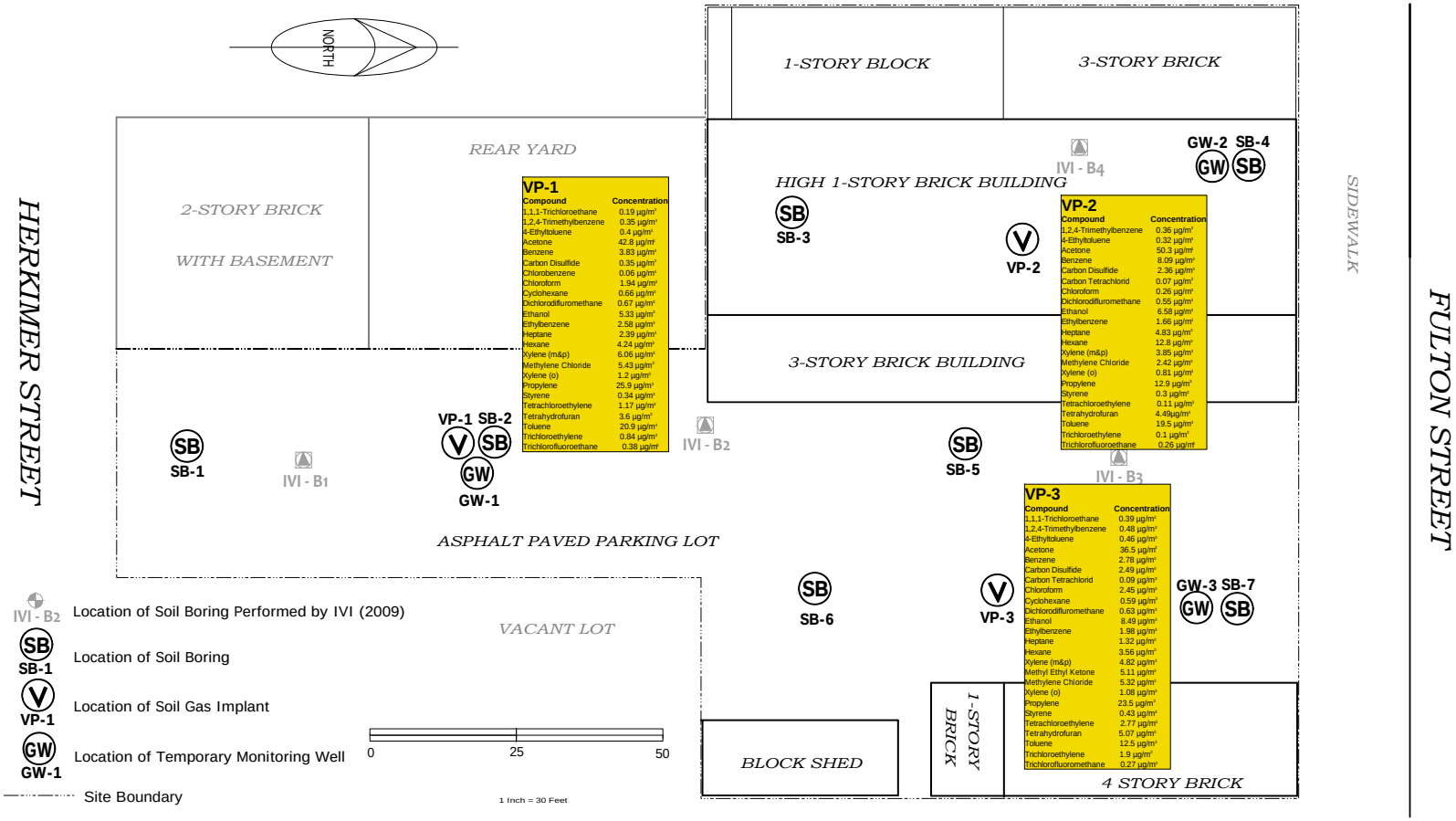
FIGURE 7 GROUNDWATER EXCEEDANCES



VP-1

Compound	Concentration
1,1,1-Trichloroethane	0.19 µg/m³
1,2,4-Trimethylbenzene	0.35 µg/m³
4-Ethyltoluene	0.4 µg/m³
Acetone	42.8 µg/m³
Benzene	3.83 µg/m³
Carbon Disulfide	0.35 µg/m³
Chlorobenzene	0.06 µg/m³
Chloroform	1.94 µg/m³
Cyclohexane	0.66 µg/m³
Dichlorodifluromethane	0.67 µg/m³
Ethanol	5.33 µg/m³
Ethylbenzene	2.58 µg/m³
Heptane	2.39 µg/m³
Hexane	4.24 µg/m³
Xylene (m&p)	6.06 µg/m³
Methylene Chloride	5.43 µg/m³
Xylene (o)	1.2 µg/m³
Propylene	25.9 µg/m³
Styrene	0.34 µg/m³
Tetrachloroethylene	1.17 µg/m³
Tetrahydrofuran	3.6 µg/m³
Toluene	20.9 µg/m³
Trichloroethylene	0.84 µg/m³
Trichlorofluoroethane	0.38 µg/m³

VP-2

Compound	Concentration
1,2,4-Trimethylbenzene	0.36 µg/m³
4-Ethyltoluene	0.32 µg/m³
Acetone	50.3 µg/m³
Benzene	8.09 µg/m³
Carbon Disulfide	2.36 µg/m³
Carbon Tetrachlorid	0.07 µg/m³
Chloroform	0.26 µg/m³
Dichlorodifluromethane	0.55 µg/m³
Ethanol	6.58 µg/m³
Ethylbenzene	1.66 µg/m³
Heptane	4.83 µg/m³
Hexane	12.8 µg/m³
Xylene (m&p)	3.85 µg/m³
Methylene Chloride	2.42 µg/m³
Xylene (o)	0.81 µg/m³
Propylene	12.9 µg/m³
Styrene	0.3 µg/m³
Tetrachloroethylene	0.11 µg/m³
Tetrahydrofuran	4.49µg/m³
Toluene	19.5 µg/m³
Trichloroethylene	0.1 µg/m³
Trichlorofluoroethane	0.26 µg/m³

VP-3

Compound	Concentration
1,1,1-Trichloroethane	0.39 µg/m³
1,2,4-Trimethylbenzene	0.48 µg/m³
4-Ethyltoluene	0.46 µg/m³
Acetone	36.5 µg/m³
Benzene	2.78 µg/m³
Carbon Disulfide	2.49 µg/m³
Carbon Tetrachlorid	0.09 µg/m³
Chloroform	2.45 µg/m³
Cyclohexane	0.59 µg/m³
Dichlorodifluromethane	0.63 µg/m³
Ethanol	8.49 µg/m³
Ethylbenzene	1.98 µg/m³
Heptane	1.32 µg/m³
Hexane	3.56 µg/m³
Xylene (m&p)	4.82 µg/m³
Methyl Ethyl Ketone	5.11 µg/m³
Methylene Chloride	5.32 µg/m³
Xylene (o)	1.08 µg/m³
Propylene	23.5 µg/m³
Styrene	0.43 µg/m³
Tetrachloroethylene	2.77 µg/m³
Tetrahydrofuran	5.07 µg/m³
Toluene	12.5 µg/m³
Trichloroethylene	1.9 µg/m³
Trichlorofluoromethane	0.27 µg/m³

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FIGURE 8 — SOIL VAPOR DETECTION MAP

ATTACHMENT A
PHASE I REPORT

PHASE I ENVIRONMENTAL ASSESSMENT

of

The Lab Banquet Hall and Apartment Buildings
1426-1438 Fulton Street (aka 293-297 Herkimer Street)
Brooklyn, Kings County, New York 11216

Prepared for:

Potomac Business Services, LLC
3535 University Boulevard, West
Kensington, Maryland 20895

Prepared by:

Property Solutions Incorporated
31A Northfield Avenue
Edison, New Jersey 08837

Draft: December 30, 2008

Property Solutions Project No. 20082750

PHASE I ENVIRONMENTAL ASSESSMENT

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Edison, New Jersey 08837

Dated: _____

Property Solutions Project No. 20082750

Sanchita Basu Mallick
Environmental Scientist

James Kelly
Environmental Scientist

James Carey
Regional Manager

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental professional* as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

James Carey
Regional Manager

2002750

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DRAFT

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PROJECT SUMMARY

Client Name/User:	Potomac Business Services, LLC	Property Visit Date:	December 22, 2008
Client Contact:	Mr. Davin Blum	Construction Date:	Late 1800s and 1901
Property Solutions Project No.:	20082750	No. Bldgs./Units:	Three Bldgs. / Eleven Units
Property Solutions Project Manager:	Mr. James Carey	No. of Stories:	Three and four stories
Phone No.:	732-417-0999 (Ext. 210)	Bldg. Square Footage:	11,742 square feet
Email:	jcarey@propertysolutionsinc.com	Property Acreage:	0.41 acre
Property Name:	The Lab Banquet Hall and Apartment Buildings	Basement/Slab-on-grade:	Basement and slab-on-grade
Property Address:	1426-1438 Fulton Street (aka 293-297 Herkimer Street)	Property Use:	Banquet Hall, retail and residential
Property Town, County, State:	Brooklyn, Kings County, New York	Property History:	Residential, stores, and New York City transit sub-station (auto and trolley repair and maintenance shop)
Property Identification:	Block 1863 Lots 9, 10, and 15	Other Improvements:	Storage shed

Our review of general property information, observation of adjacent properties, research of historical property information, including a review of environmental records, and a property visit revealed the following:

	No Further Action	REC	HREC	ASTM Non-scope considerations	Opinion of Probable Cost	Refer to Section
Property Operations	X					2.3
Neighboring Properties	X					5.0
Historical Review		(1)				6.0
Previous Reports		(1)				6.6
Regulatory Review		(1), (2)				8.0
USTs		(2)				9.1.1
ASTs	X					9.1.2
PCBs	X					9.1.3
Chemicals/Hazardous Materials/Raw Materials	X					9.1.5
Waste Generation/Disposal	X					9.1.6
Stressed Vegetation, Staining, and Odors	X					9.1.10
Surficial Disturbances	X					9.1.11
ACMs				(3)		9.2.1

2002750

	No Further Action	REC	HREC	ASTM Non-scope considerations	Opinion of Probable Cost	Refer to Section
Radon	X					9.2.2
Lead-Based Paint				(4)		9.2.3
Lead in Drinking Water	X					9.2.4
Other				(5)		9.2.7

Notes / Recommendations: To understand the property and report, you must read the Executive Summary and complete report.

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of The Lab Banquet Hall and Apartment Buildings located at 1426-1438 Fulton Street (aka 293-297 Herkimer Street) in Brooklyn, Kings County, New York 11216. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property except for the following:

Recognized Environmental Conditions

(1) Property Solutions recommends a detail Phase II Subsurface Investigation be performed at the subject property at 1428 Fulton Street in order to address potential impacts from the former operations.

(2) Property Solutions recommends being provided with further information regarding the observed potential fill port and its association with any present/former underground storage tank located on the subject property. Property Solutions also recommends being provided with any tank removal/closure documents for the subject property. If this information is not available, Property Solutions recommends a geophysical survey followed by a Phase II Subsurface Investigation be performed to determine if the observed fill port is associated with any underground storage tank at the subject property.

ASTM Non-Scope Considerations

The following ASTM non-scope considerations were identified at the subject property based on the findings provided in this report:

(3) Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

(4) Property Solutions recommends that a Lead-Based Paint Operations and Maintenance Plan be developed and implemented at the subject property.

(5) Property Solutions recommends that the source of the observed water intrusion be repaired and impacted building materials be replaced to prevent potential mold growth at the 1438 Fulton Street subject building.

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EXECUTIVE SUMMARY

Property Solutions Incorporated (Property Solutions) conducted a Phase I Environmental Assessment of The Lab Banquet Hall and the apartment buildings located at 1426-1438 Fulton Street (aka 293-297 Herkimer Street) in Brooklyn, Kings County, New York 11216 (subject property) at the request of Potomac Business Services, LLC.

The subject property consists of an irregular-shaped, 0.41-acre parcel of land located south of the intersection of Fulton Street and Tompkins Avenue. The subject property is improved with three, three and four-story, residential and commercial buildings constructed in late 1880s and 1901 (subject building). The subject property is also improved with a storage shed. The remaining portions of the subject property are covered with the associated paved parking areas. No water bodies are located on the subject property. No water bodies are located on the adjoining properties. Vehicular access to the subject property is gained via Fulton Street along the north side of the subject property.

The subject buildings consist of masonry construction with slab-on-grade foundation at the 1428 Fulton Street subject building and basement foundations at the 1426 and 1438 Fulton Street subject buildings. The gross area of the subject buildings is approximately 11,742 square feet. The subject buildings contain two tenant spaces. Interior wall finishes include painted drywall. Ceilings are finished with acoustic tiles, and floors are finished with vinyl tiles, carpeting and hardwood floor. Renovations to the subject building included remodeling of the tenant space at 1428 Fulton Street subject building in 1997. The subject buildings are heated and cooled by electricity and natural gas.

The subject property was historically used as residential, retail stores, and New York City Transit (BMTRR) subway maintenance station.

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of The Lab Banquet Hall and the apartment buildings located at 1426-1438 Fulton Street (aka 293-297 Herkimer Street) in Brooklyn, Kings County, New York 11216. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property, except for the following:

1. Review of Sanborn Fire Insurance maps revealed that the subject property located at 1428 Fulton Street was labeled as a New York City Transit (BMTRR) subway maintenance station from 1906 to 1995. The former use of the subject property as a trolley and railcars maintenance shop resulted in potential spills of locomotive fuel and other fluids used for the operation and maintenance of the railcars.

   Review of the New York City Department of City Planning online zoning map as well as the EDR environmental database indicated that the subject property lots (lot numbers 10, and 15) at 1428-1438 Fulton Street are designated as E-185. Review of the City Environmental Quality Review Declaration revealed that the subject property was

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designated as E for Underground Gasoline Storage Tank Testing Protocol and Window Wall Attenuation and Alternate Ventilation. An (E) designation is a zoning map designation that provides notice of the presence of an environmental requirement pertaining to potential hazardous materials contamination or noise or air quality impacts on a particular tax lot. (E) designations are established as part of a change in zoning that would allow additional development to occur on property, or would permit uses not currently allowed.

Property Solutions was provided with a copy of a subsurface investigation report dated October 26, 1994 prepared by Energy and Environmental Analysts, Inc. (EEA). Review of the previous phase II subsurface investigation report revealed that EEA performed a subsurface investigation at 1428-1438 Fulton Street subject property. According to the report, EEA advanced two soil borings (SB-1 and SB-2) within and below the 1428 Fulton Street subject building foundation, which were located within the old trench and oil pit drains of the subject building. The report stated that two other borings were advanced in the parking area (SB-3) and exterior to the subject building (SB-4). Review of the report indicated that soil samples collected from the boring locations were analyzed for BTEX, total petroleum hydrocarbons, and lead. Review of the analytical result revealed that the levels of BTEX and TPH in the samples were below the New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Cleanup Objective (TAGM 4046) dated January 24, 1994. However, soil samples collected from SB-1A, SB-2, and SB-4 were detected with elevated levels of lead in soils above NYSDEC Recommended Soil Cleanup Objective for lead in metropolitan or suburban areas (200-500 mg/kg). Review of the analytical results indicated that the concentrations of lead in the samples collected from SB-1A, SB-2, and SB-4 were 400 mg/kg, 700 mg/kg, and 13,000 mg/kg respectively. EEA recommended the original oil pits at the subject property that were filled be re-opened and the soils be removed in accordance with New York State Department of Environmental Conservation approved guidelines for handling contaminated soils.

During the property visit, Mr. Sean Porter, President and CEO of Porter Foundation and Adas Inc. informed Property Solutions that the subject property at 1428 Fulton Street was historically used as a New York City Transit subway station and trolley maintenance workshop in early 1900s. Mr. Porter informed Property Solutions that the subject building was built out in 1996 when he acquired the subject property. According to Mr. Porter, the interior renovations and remodeling was done after his acquisition of the subject property. Mr. Porter also mentioned that he was not aware of any subsurface investigation report or remediation activities in conjunction with the subject property's historic operation. Mr. Porter also informed Property Solutions that he was not aware of any oil pits or trench drains at the subject building.

Property Solutions did not observe any oil pits or old trench drains at the 1428 Fulton Street banquet hall subject building at the time of the property visit. Property Solutions did not receive any other environmental investigation or remedial action reports pertaining to the subject property.

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Review of the previous subsurface investigation report revealed that the soil samples were not analyzed for base neutrals (semi-volatile organic compounds) or all volatile organic compounds per NYSDEC Spill Technology and Remediation Series. Hence, the previous environmental investigation is inadequate to address the potential environmental impacts from subject property's historic uses. Additionally, Property Solutions did not receive any remedial action report regarding the elevated level of lead identified at the subject property. Property Solutions recommends a detail Phase II Subsurface Investigation be performed at the subject property at 1428 Fulton Street in order to address potential impacts from the former operations.

2. During the property visit, Property Solutions observed a potential fill port for an underground storage tank at the subject property (Block 1863 Lot 10) parking lot located adjacent to the 1428 Fulton Street subject building (Refer to the photo no. 39 in Appendix C). Mr. Porter was unaware of any underground storage tank at the subject property. As the parking lot was covered with snow and ice, detail visual investigation regarding the fill port could not be performed.

   Based on the subject property (Block 1863 Lot 10)'s listing on the New York City zoning map with E designation for Underground Gasoline Storage Tank Testing Protocol, the observed potential fill port might be related with the underground storage tank located or formerly located at the subject property.

   Property Solutions recommends being provided with further information regarding the observed potential fill port and its association with any present/former underground storage tank located on the subject property. Property Solutions also recommends being provided with any tank removal/closure documents for the subject property. If this information is not available, Property Solutions recommends a geophysical survey followed by a Phase II Subsurface Investigation be performed to determine if the observed fill port is associated with any underground storage tank at the subject property.

The following ASTM non-scope considerations were identified at the subject property based on the findings provided in this report:

3. During the course of the property visit, Property Solutions performed a preliminary review of interior, accessible areas of the subject building for the presence of presumed and suspect asbestos-containing materials (ACMs). This limited review was conducted for overview purposes only; additional suspect materials may exist in concealed locations (behind walls and above ceilings, within machinery, etc.).

   Based on the date of construction (late 1800s and 1901) suspect asbestos containing ceiling tiles, drywall and joint compound, and presumed asbestos containing vinyl tiles were observed within the subject buildings during the property visit. The asbestos-containing materials were observed to be in undamaged to slightly damaged condition.

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Property Solutions recommends that prior to the performance of any renovations, remodeling, demolition, or repairs by the in-house maintenance or engineering staff or outside contractors, verification sampling of SACM and PACM in the proposed work areas should be performed to ensure that no ACM will be impacted by work activities. Any abatement or removal of asbestos-containing materials must be performed in accordance with applicable federal, state, and local regulations.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan. Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

4. Based on the dates of construction of the subject buildings (late 1800s and 1901), there is a potential that lead-based paints (LBPs) were used during building construction. Painted surfaces within the subject buildings were generally observed to be in an overall undamaged condition.

   It is the responsibility of the owner of the subject property and the Lead Program Manager (LPM) to be knowledgeable and mindful of current lead disclosure regulations. It is also the responsibility of the owner and LPM to ensure that current lead disclosure regulations are complied with at the subject property.

   Based on the above information, Property Solutions recommends that a Lead-Based Paint Operations and Maintenance Plan be developed and implemented at the subject property.

5. During the property visit, Property Solutions observed five square feet of water intrusion mark in the ceiling of Sahel Beauty Supply and Hair Braiding tenant space at 1438 Fulton Street subject building. Mr. Sean Porter informed Property Solutions that the water intrusion marks were due to leaking bathtub drain pipes from the apartment unit situated just above the retail tenant space. No evidence of mold growth was observed in the water intruded area.

   Based on the above information, Property Solutions recommends that the source of the observed water intrusion be repaired and impacted building materials be replaced to prevent potential mold growth at the 1438 Fulton Street subject building.

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1.0 INTRODUCTION

Property Solutions Incorporated (Property Solutions) conducted a Phase I Environmental Assessment of The Lab Banquet Hall and the apartment buildings located at 1426-1438 Fulton Street (aka 293-297 Herkimer Street) in Brooklyn, Kings County, New York 11216 (subject property) at the request of Potomac Business Services, LLC. Potomac Business Services, LLC is considered the User, as defined in ASTM E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The subject property is identified as Block 1863 Lots 9, 10, and 15, according to the New York City Department of Finance and Property Research Partners, LLC (Property Shark).

A property location map is included in Appendix A.

This Phase I Environmental Assessment was conducted in general accordance with industry-accepted practices, Standard and Poor's Plus Protocol, and American Society for Testing and Materials (ASTM) Standard E 1527-05. The work was authorized by the signed proposal (P24035) dated December 3, 2008.

Per the ASTM practice and throughout this report, the Client will be considered the same as the User in the ASTM E 1527-05 practice.

1.1 Purpose

The purpose of a Phase I Environmental Assessment is to evaluate issues that may have an impact on the subject property. The purpose of the ASTM E 1527-05 practice is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. As such, the practice is intended to permit a User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the "landowner liability protections," or "LLPs"): that is, the practice that constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B). The goal of this process is to identify the presence or likely presence of hazardous substances or petroleum products on the property and identify conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the subject property or into the ground, groundwater, or surface of the subject property. The purpose of this report is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. This report is also not intended to serve as a compliance assessment of the subject property or to identify health and safety issues or procedures. The ASTM E 1527-05 DOES NOT address whether requirements in addition to all

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appropriate inquiry have been met in order to qualify for the LLPs (for example, the duties specified in 42 U.S.C. §9601(b)(3)(a) and (b) and cited in Appendix X1 of the ASTM Standard, including the continuing obligation not to impede the integrity and effectiveness of activity and use limitations (AULs), or the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting obligations).

The ASTM E 1527-05 practice DOES NOT address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provision of the LLPs. Per the ASTM Standard, Users are cautioned that federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of this practice. Users should also be aware that there are likely to be other legal obligations with regard to hazardous substances or petroleum products discovered on the property that are not addressed in the ASTM practice and that may pose risks of civil and/or criminal sanctions for non-compliance.

1.2 Scope of Work

This Phase I Environmental Assessment was conducted in accordance with the following Scope of Work:

1. Requested user to complete questionnaire and provide all user required information.

2. Researched and reviewed available information regarding past owners and occupants of the subject property to assess the potential for contamination resulting from prior on-property activities. Aerial photographs, city directories, topographic maps, interviews and fire insurance maps were utilized, as available. Chain-of-title and environmental liens were reviewed if provided by the client/user.

3. Researched available information regarding immediately adjacent properties for evidence of contamination that could impact the subject property.

4. Interviewed available persons familiar with current and former on-property activities for relevant information regarding potential environmental concerns as coordinated by the Client/User.

5. Reviewed federal and state regulatory agency database information for the subject property and neighboring properties to identify potential concerns that could adversely affect the environmental condition of the subject property. The database review included, but was not limited to, a review of the following lists: United States Environmental Protection Agency (USEPA) National Priorities List (NPL) Sites, Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Sites, State Hazardous Waste Sites, Resource Conservation and Recovery Act Information System (RCRIS) Corrective Action, Generator, and Treatment/Storage/Disposal (TSD) Sites, Leaking Registered Storage Tank (LRST) Sites,

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Registered Storage Tank (RST) Sites, landfills, and Emergency Response Notification System (ERNS) Sites. Contacted federal, state, and local regulatory agencies.

6. Performed a property visit to identify areas of potential environmental concern such as the bulk storage of regulated substances, underground/aboveground storage tanks, asbestos-containing materials, electrical transformers, and process-related wastes. To the extent possible, a review of immediately adjacent properties was also performed from the subject property and public thoroughfares. The property visit was performed using grid patterns across the property (as easily accessible) and through other systematic means. Findings and conditions were made only to the extent that they were visually and/or physically observed during the property visit.

7. Prepared a technical Phase I Environmental Assessment report to document the findings regarding the current environmental condition of the subject property. If warranted, the report contains recommendations for further action. In addition to ASTM scope items, the following ASTM non-scope items were discussed and included in the report based upon a limited review: asbestos containing materials, radon, lead-based paint, lead in drinking water, potential wetlands, air emissions, and mold/water intrusion.

1.3 Significant Assumptions

The following assumptions are made by Property Solutions in this report. Property Solutions relied on information derived from secondary sources including governmental agencies, the client (User), designated representatives of the client (User), property contact, property owner, property owner representatives, computer databases, and personal interviews. Except as set forth in this report, Property Solutions has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews and has assumed that such information is accurate and complete. Property Solutions assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete. Groundwater flow and depth to groundwater, unless otherwise specified by on-property well data, are assumed based on contours depicted on the United States Geological Survey topographic maps. Property Solutions assumes the property has been correctly and accurately identified by the client (User), designated representative of the client (User), property contact, property owner, and property owner's representatives. Property Solutions assumes that the Client (User), Client representatives, Client Legal Counsel, designated representatives of the Client, Key Site Manager, property contact, property owner, property owner representatives, and property brokers, used good faith in answering questions and in obtaining information for the subject property as defined in 10.8 of the ASTM E 1527-05 practice. This would also include obtaining those helpful documents from previous owners, operators, tenants, brokers, financial institutions etc. Property Solutions also assumes the Client will designate appropriate and knowledgeable people for performance of the Phase I Environmental Assessment including Key Site Managers.

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1.4 Limitations and Exceptions of the Assessment

The findings, observations, conclusions, and recommendations of this report are limited by the contract technical requirements and the methods used to perform the services outlined in the scope of work. These services have been performed in accordance with the described scope for Phase I Environmental Assessments. In order to perform a comprehensive environmental evaluation, subsurface investigation and testing would be required to definitively evaluate whether contamination has affected the subject property. Therefore, the findings, conclusions, and recommendations presented herein are based solely on the scope of work previously described and information gathered. Incomplete or outstanding information identified throughout the body of this report including data gaps is considered a limitation to the assessment. Limitations to the assessment also include weather conditions, vegetation cover, parked cars, trucks, dumpsters, and anything limiting visual observation of or physical access to the subject property and neighboring properties. Vapor intrusion is not included in this scope of services and is considered an ASTM Non-scope consideration. This report and scope is not an environmental compliance audit.

No environmental assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of the ASTM practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and the ASTM practice recognizes reasonable limits of time and cost.

Appropriate inquiry does not mean an exhaustive assessment of a clean property. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an environmental assessment and reducing uncertainty about unknown conditions resulting from additional information.

Subject to Section 4.8 of the ASTM E 1527-05 Standard, an environmental site assessment meeting or exceeding the practice and completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid. If within this period the assessment will be used by a different user than the user (client) for whom the assessment was originally prepared, the subsequent user (if authorized to rely on the report as identified in Section 1.6 Reliance of this report) must also satisfy the User's Responsibilities in Section 6 of the ASTM E 1527-05 standard. If this assessment is over 180 days old it is not valid and a new assessment should be performed per the ASTM standard.

All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this

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report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the property visit. Responses received from interviewees, the user, local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

No other person or entity, unless specifically identified in Section 1.6 of this report may rely on this report. Subsequent consultants and subsequent Users may not rely on this report or information included in this report. Property Solutions Inc. will not be held liable in any way for any and all unauthorized use of this report both currently and in the future. Consultants and subsequent Users must specifically and separately verify all information and not rely on the facts, findings, conclusions, opinions and recommendations of this report. Future use of this report by consultants or subsequent Users is strictly prohibited and not authorized to evaluate the appropriateness of using this information in environmental site assessments performed in the future by anyone other than Property Solutions Inc. Subsequent consultants and subsequent Users may not include this report or information included in this report (unless publicly available) without the written authorization of Property Solutions Inc.

This report was prepared for determining whether to make a loan evidenced by a note secured by the property and not for pre-purchase due diligence.

1.5 Special Terms and Conditions

This Phase I Environmental Assessment was prepared in accordance with the stated and agreed upon Scope of Work. This report was specifically and only prepared for the identified specific client (user) and for their specific purpose; no other person or entity for any other purpose may use, or rely on this report or its contents unless specifically authorized in writing by Property Solutions Inc. No other special terms and conditions are applicable to this Phase I Environmental Assessment.

1.6 Reliance

This report has been prepared for the sole benefit of Potomac Business Services, LLC, and may not be relied upon by any other person or entity without the written authorization of Property Solutions.

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2.0 GENERAL PROPERTY INFORMATION

2.1 Property Location

Property Location	
Property Name	The Lab Banquet Hall and Apartment Buildings
Property Addresses	1426, 1428-1430, and 1432-1438 Fulton Street (aka 293-297 Herkimer Street)
Property Town, County, State, Zip	Brooklyn, Kings County, New York 11216
Property Tax Identification	Block 1863 Lots 9, 10, and 15 (New York City Department of Finance and Property Research Partners)
Property Topographic Quadrangle	Brooklyn, New York
Nearest Intersection	Fulton Street and Tompkins Avenue
Area Description	Residential and commercial

An excerpt from the USGS 7.5-minute series topographic quadrangle map of Brooklyn, New York, locating the subject property, is included in Appendix A.

2.2 Property Description

Property Information	
Property Ownership Name	1426 Fulton Street: Porteral Corporation (New York City Department of Finance and Property Research Partners) 1428-1430 Fulton Street: Porter Foundation (New York City Department of Finance and Property Research Partners) 1432-1438 Fulton Street (aka 293-297 Herkimer Street): Adas Inc. (New York City Department of Finance and Property Research Partners)
Date of Acquisition	1996 (Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation and Adas Inc.)
Property Acreage	0.41 acre (New York City Department of Finance and Property Research Partners)
Property Shape	Irregular
Property Use	Banquet hall, retail store, and residential
Number of Buildings	Three
Number of Stories	Three and four
Construction Dates	Late 1800s and 1901 (New York City Department of Finance and Property Research Partners)
Building Square Footage	11,742 square feet (New York City Department of Finance and Property Research Partners)

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Property Information	
Basement/Slab-on-grade	Basement and Slab-on-grade
Number of Units	Eleven
Ceiling Finishes	Drywall and acoustic ceiling tile
Floor Finishes	Carpet, hardwood, vinyl tiles
Wall Finishes	Drywall
HVAC (Energy Source & Type of System)	Electricity and natural gas
Renovation Date	1997 (Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation and Adas Inc.)
Renovation Description	Interior renovations and remodeling (Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation and Adas Inc.)
Vehicular Access	Along north side of the subject property via Fulton Street
Other Improvements	Storage shed
Property Coverage	Footprints of the subject buildings and associated parking areas

Unit Type	No. of Units
Studio	6
1 Bedroom, 1 Bathroom	2

The following units were unoccupied at the time of the property visit: Units 1 and 2 of 1426 Fulton Street subject building.

A property diagram of the subject property is included in Appendix B.

2.3 Property Operations

The subject property is used for retail, residential and catering hall purposes.

At the time of the property visit, the subject property was occupied by the following tenants:

Suite/Address	Tenant	Operations	Dates
1428 Fulton Street	The Lab Banquet Hall	Catering and banquet hall	1997- present
1438 Fulton Street	Sahel Beauty Supply and Hair Braiding	Retail	2004-present

No industrial or manufacturing operations were observed at the subject property at the time of the property visit.

No environmental concerns were identified at the subject property based on the operations observed during the property visit.

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2.4 Utilities

Property Solutions was informed by Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation, and Adas Inc., that the following companies and municipality currently provide utility services to the subject property:

Utility	Provider
Electricity	Consolidated Edison (ConEd)
Natural Gas	Keyspan
Sanitary Sewerage	New York City Department of Environmental Protection
Potable Water	New York City Department of Environmental Protection
Solid Waste Removal	Action Carting Environmental Services
Fuel Oil	Not provided to the subject property
Steam	Not provided to the subject property

3.0 USER PROVIDED INFORMATION AND RESPONSIBILITIES

This section is to describe tasks to be performed by the User that will help identify the possibility of recognized environmental conditions, environmental liens and AULs in connection with the subject property as required by the ASTM standard. These tasks do not require the technical expertise of an environmental professional. Any and all information that may be material to identifying recognized environmental conditions must be provided by the User if available. Per the ASTM standard, the environmental professional shall note in the report whether or not the User has reported to the environmental professional information pursuant to Section 6 of the ASTM standard.

	User Provided	Other Provided	Not provided
User Questionnaire			X
Title and Judicial Records			X
Environmental Liens/Activity Use Limitations			X
Specialized or Actual Knowledge of the User		X	
Valuation Reduction for Environmental Issues			X
Reason for Performing the Phase I	X		

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	User Provided	Other Provided	Not provided
Helpful Documents/Prior Reports	X		
Proceedings Involving the Subject Property	X		
User Identified Personnel	X		

No significant data gaps were identified based upon the information known by the User for this transaction.

User Questionnaire

A User Questionnaire was submitted to Potomac Business Services, LLC (User) to be completed prior to the property visit.

Client	Potomac Business Services, LLC
Contact Name	Mr. Davin Blum
Contact Title	Not provided
Phone/Fax/Email	240-747-2461/240-747-2498/dblum@pbsexpress.net
Contact Date	December 17, 2008
Request Medium	Email
Questionnaire completed?	No
Completed by?	N/A
Response Date	N/A
Form of Response	N/A
Was the questionnaire completed and returned prior to the property visit?	No

Property Solutions did not receive completed User Questionnaire. A copy of request letter for completing the User Questionnaire is included in Appendix D-User Correspondence. Per ASTM E 1527-05 Standard this is considered as a data gap.

Title and Judicial Records

Per ASTM E 1527-05 Section 6.2, the User is required to provide and/or report to the environmental professional any environmental liens or activity and use limitations (AULs) so identified for the subject property. The environmental professional per the ASTM practice is not responsible to undertake a review of recorded land title records and judicial records for environmental liens or activity and use limitations.

No title records or information was provided to Property Solutions by the User.

The User did not request Property Solutions to coordinate with a title company or title professional to undertake a review of Recorded Land Title records and judicial records for

environmental liens or AULs.

Therefore, no title records were searched and no information was provided for environmental liens and AULs which is the responsibility of the User. Per the ASTM standard this is considered a data gap.

Environmental Liens or Activity and Use Limitations

Per ASTM E 1527-05 the User is required to provide and/or report to the environmental professional any environmental liens or AULs so identified for the subject property. The environmental professional per the ASTM practice is not responsible to undertake a review of information to identify environmental liens or AULs.

The User did not provide information on environmental liens and AULs.

The User is not the owner, operator or tenant of the subject property.

The key site manager and property owner knew of no environmental liens or AULs for the subject property.

The key site manager knew of no environmental liens or AULs for the subject property.

Knowledge of the User

Per the ASTM standard, it is the User's responsibility to communicate to the environmental professional any information that is material to recognized environmental conditions in connection with the subject property based on such specialized knowledge, actual knowledge, experience, or commonly known and reasonably ascertainable information within the local community.

Per the ASTM standard, the User must do so prior to the property visit.

The User did not inform Property Solutions that they have any specialized knowledge, actual knowledge, experience, or commonly known and reasonably ascertainable information within the local community concerning recognized environmental conditions at the subject property. The property visit was performed on December 22, 2008.

Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation and Adas Inc. informed Property Solutions that the subject property at 1428 Fulton Street was historically used as a New York City Transit subway station and trolley maintenance workshop in early 1900s. He also mentioned that the 1428 Fulton Street subject building was built in 1901.

Please refer to Section 6.0 for more information regarding the historic operations at the subject property.

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Valuation Reduction for Environmental Issues

Per the ASTM standard, in a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The User should try to identify an explanation for a significantly lower price which does not reasonably reflect fair market value if the property was not contaminated, and make a written record of such explanation. The ASTM standard does not require that a real estate appraisal be obtained in order to ascertain fair market value of the property.

The User did not inform Property Solutions that a significantly lower purchase price was noted for the subject property.

Reason for Performing the Phase I Environmental Assessment

Potomac Business Service, LLC (User) is performing the Phase I Environmental Assessment for determining whether to make a loan evidenced by a note secured by the property and not for pre-purchase due diligence.

Helpful Documents Provided Prior to Property Visit

Per the ASTM standard, prior to the property visit, the property owner, key site manager (if any is identified), and User (if different from the property owner) shall be asked if they know whether any of the documents below exist and if so, whether copies can and will be provided within reasonable time and cost constraints including partial information. This information is to be provided prior to or at the beginning of the property visit.

Documents	User		Key Site Manager		Property Owner	
	Exist	Provided	Exist	Provided	Exist	Provided
ESA reports	No response	No	DNK	No	DNK	No
Environmental compliance audit reports	No response	No	DNK	No	DNK	No
Environmental permits	No response	No	DNK	No	DNK	No
UST/AST registrations	No response	No	DNK	No	DNK	No
Underground Injection permits	No response	No	DNK	No	DNK	No
MSDSs	No response	No	DNK	No	DNK	No
Community Right-to-Know plan	No response	No	DNK	No	DNK	No
Safety plans	No response	No	DNK	No	DNK	No
SPCC plans	No response	No	DNK	No	DNK	No
Emergency preparedness and prevention plans	No response	No	DNK	No	DNK	No
Hydrogeologic reports	No response	No	DNK	No	DNK	No
Government agency correspondence and violations	No response	No	DNK	No	DNK	No

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Documents	User		Key Site Manager		Property Owner	
	Exist	Provided	Exist	Provided	Exist	Provided
Hazardous waste generator notices or reports	No response	No	DNK	No	DNK	No
Geotechnical studies	No response	No	DNK	No	DNK	No
Risk assessments	No response	No	DNK	No	DNK	No
Recorded AULs	No response	No	DNK	No	DNK	No
Environmental liens	No response	No	DNK	No	DNK	No
Phase II Subsurface Investigation report	Yes	Yes	DNK	No	DNK	No

DNK-Do Not Know

Proceedings Involving the Property

Per the ASTM standard, prior to the site visit, the User (if different from the property owner), Key site manager (if any is identified), and property owner shall be asked whether they know of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

The key site manager indicated based on a response dated December 22, 2008 that they have no knowledge of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

The property owner indicated based on a response dated December 22, 2008 via interview that they have no knowledge of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

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User Identified Personnel

The information and contacts below were identified and/or provided by the User/Client.

	Name	Company
User	Mr. Davin Blum	Potomac Business services, LLC
Key Site Manager	Mr. Sean Porter	Porteral Corporation, Porter Foundation, Adas Inc.
Current Property Owner	Mr. Sean Porter	Porteral Corporation, Porter Foundation, Adas Inc.
Current Property Owner Representative	Mr. Sean Porter	Porteral Corporation, Porter Foundation, Adas Inc.
Occupants	Not provided	The Lab Banquet Hall Sahel Beauty Supply and Hair Braiding
Major Occupants	Not provided	Not applicable
Current Operator Name	Mr. Sean Porter	Porteral Corporation, Porter Foundation, Adas Inc.
Past Property Owner	Not provided	Not applicable
Past Property Owner Representative	Not provided	Not applicable
Other Past Property Owner	Not provided	Not applicable
Past Operator Name	Not provided	Not applicable
Past Occupant	Not provided	Not applicable
Past Major Occupant	Not provided	Not applicable
Broker	Not provided	Not applicable
Property Manager	Mr. Sean Porter	Porteral Corporation, Porter Foundation, Adas Inc.
Building Engineer	Not provided	Not applicable
Other	Not provided	Not applicable

4.0 PHYSICAL SETTINGS

4.1 Topography/Regional Drainage

Topographic Quadrangle Name	Brooklyn, New York
Property Elevation	56 feet above mean sea level
Surface Gradient	Declines to northwest
Property Drainage	Via overland flow
Regional Drainage	Regional drainage appears to flow northwest toward East River located 2 miles from the subject property
Closest Perennial Water body	East River

A copy of the USGS 7.5-minute series topographic quadrangle map of Brooklyn, New York, is included in Appendix A.

4.2 Soils

USDA County Soil Survey	
Information Source	Soils of New York Landscapes (Cline & Marshall)
Date of Information Source	1989
Soil Name	Urban Land
Description: Urban Land is found in highly built up areas of Kings County. The soils and foundation material are highly variable. Urban structures and works cover so much of this land type that the identification of the soils is not practical. Most areas have been smoothed and the original soil materials have been disturbed, filled over, or otherwise destroyed prior to construction.	
Expected depth to bedrock	Not reported

4.3 Underlying Formation

Information Source	University of the State of New York
Title of Publication	Geologic Map of New York-Lower Hudson Sheet
Date of Publication	1970
Name of Unit	Monmouth Group, the Matawan Group, and the Magothy Formation
Description of Unit: The Monmouth Group, the Matawan Group, and the Magothy Formation consist of silty clay, glauconitic sandy clay, sand, and gravel which were deposited during the Upper Cretaceous period.	

4.4 Groundwater

Information Source	United States Geological Survey
Title of Publication	Ground Water Atlas of the United States: Segment 12
Date of Publication	1995
Underlying Aquifer	Northern Atlantic Coastal Plain Aquifer System
Description: The Northern Atlantic Coastal Plain Aquifer System overlies crystalline rocks that slope southeastward. The Northern Atlantic Coastal Plain Aquifer System consists of three aquifers within unconsolidated sediments, which are the Upper Glacial, the Magothy, and the Lloyd aquifers. The unconsolidated sediments that compose the aquifer system slope and thicken in the same direction. These three aquifers are continuous throughout most of Long Island except the north shore and parts of the western end of Long Island, where the Magothy and Lloyd aquifers are absent. The major water yielding units are the Magothy Formation and the Lloyd Sand Member of the Raritan Formation.	

Expected Depth to Shallow Groundwater	40 feet bgs
Information Source	USGS 7.5-minute series topographic quadrangle map of Brooklyn, New York
Expected Direction of Shallow Groundwater Flow	Local groundwater is expected to mirror local topography and is expected to migrate north-northwest.
Information Source	USGS 7.5-minute series topographic quadrangle map of Brooklyn, New York

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5.0 NEIGHBORING PROPERTIES

Review of neighboring properties from the subject property and from public thoroughfares, and research of available information regarding the neighboring properties, were performed to identify evidence of environmental concerns that could adversely impact the subject property. The subject property is located in a residential and commercial area of Brooklyn, New York.

Direction	Property	Address	Operations
North	Fulton Street	Not applicable	Public thoroughfare
	Several mid-rise buildings	1421-1445 Fulton Street	Residential and various commercial like deli, grocery store, beauty salon, electronics repair shop etc.
South	Herkimer Street	Not applicable	Public thoroughfare
	Dwellings	282-304 Herkimer Street	Residential
East	Apartment buildings	1440 and 1442 Fulton Street	Residential and dentist's clinic
	Vacant lot	299-325 Herkimer Street	Former warehousing and parking lot
West	Apartment buildings	1422 and 1424 Fulton Street	Residential and restaurant
	Apartment buildings	11-17 Brooklyn Avenue	Residential
	St. Luke Church	19 Brooklyn Avenue	Place of worship
	Apartment buildings	281-291 Herkimer Street	Residential

Based on a review of neighboring properties from the subject property and from public thoroughfares, the neighboring properties do not appear to be of the type likely to pose a significant threat to the environmental condition of the subject property. The neighboring properties were not listed in the Envirofacts. The neighboring properties were not listed in the environmental database with the exception of the northerly adjoining properties at 1439 and 1445 Fulton Street which were listed as E Designation sites.

Based upon a review of the environmental database, the neighboring properties are not listed as having a known, suspected, or documented release; therefore, no further action is recommended at this time. These properties are further discussed in Section 8.

A property diagram including neighboring properties is included in Appendix B. Photographs including the neighboring properties are included in Appendix C.

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6.0 HISTORICAL PROPERTY INFORMATION

6.1 City Directories

Property Solutions visited New York Public Library located at 5th Avenue New York, New York on December 22, 2008. According to the reference librarian, delivery of books, microforms and other material from the Central Stacks of the Humanities and Social Sciences Library had been suspended, effective December 20, 2008 for an indefinite period of time due to testing for possible presence of a lead paint hazard in the non-public stack area.

6.2 Aerial Photographs

Year	1954
Information Source	Environmental Data Resources, Inc. (EDR)
Description of Subject Property: The northern portion of the subject property is improved with three rectangular structures similar in shape, size, and orientation to the 1426, 1438, and 1428 Fulton Street subject buildings observed during the property visit. The southern portion of the subject property is improved with two rectangular shaped structures. The central portion of the subject property consists of undeveloped land and one small rectangular shaped structure.	
Description of Northerly Adjoining Property: The property is improved with several rectangular-shaped structures similar in shape, size, and orientation to the residential, commercial, and religious buildings observed during the property visit.	
Description of Southerly Adjoining Property: The property is improved with several rectangular-shaped structures similar in shape, size, and orientation to the residential buildings observed during the property visit.	
Description of Easterly Adjoining Property: The property is improved with rectangular-shaped structures similar in shape, size, and orientation to the residential and commercial buildings observed during the property visit; the property is also improved with a large rectangular-shaped structure.	
Description of Westerly Adjoining Property: The property is improved with several rectangular-shaped structures similar in shape, size, and orientation to the residential and commercial buildings observed during the property visit.	

Year	1966
Information Source	EDR
Description of Subject Property: No major changes in comparison with 1954 aerial photograph.	
Description of Northerly Adjoining Property: No major changes in comparison with 1954 aerial photograph.	
Description of Southerly Adjoining Property: No major changes in comparison with 1954 aerial photograph.	
Description of Easterly Adjoining Property: No major changes in comparison with 1954 aerial photograph.	
Description of Westerly Adjoining Property: No major changes in comparison with 1954 aerial photograph.	

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Year	**1975, 1984**
Information Source	EDR
Description of Subject Property: The northern portion of the subject property is improved with three rectangular structures similar in shape, size, and orientation to the 1426, 1438, and 1428 Fulton Street subject buildings observed during the property visit. The southern portion of the subject property consists of undeveloped land.	
Description of Northerly Adjoining Property: No major changes in comparison with 1966 aerial photograph.	
Description of Southerly Adjoining Property: No major changes in comparison with 1966 aerial photograph.	
Description of Easterly Adjoining Property: No major changes in comparison with 1966 aerial photograph.	
Description of Westerly Adjoining Property: No major changes in comparison with 1966 aerial photograph.	

Year	**1994, 2001, 2006**
Information Source	EDR
Description of Subject Property: No major changes in comparison with 1975 aerial photograph.	
Description of Northerly Adjoining Property: No major changes in comparison with 1975 aerial photograph.	
Description of Southerly Adjoining Property: No major changes in comparison with 1975 aerial photograph.	
Description of Easterly Adjoining Property: No major changes in comparison with 1975 aerial photograph.	
Description of Westerly Adjoining Property: No major changes in comparison with 1975 aerial photograph.	

Review of the aerial photographs revealed that the subject buildings were constructed prior to 1954. The aerial photographs revealed that the southern portion of the subject property was also improved with two rectangular-shaped structures prior to 1954 until 1975.

No evidence of environmental concern on or adjacent to the subject property was revealed during a review of the aerial photographs.

Copies of the aerial photographs are included in Appendix E.

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6.3 Fire Insurance Maps

Year	1888
Information Source	Environmental data Resources, Inc. (EDR)
Description of Subject Property: The subject property is improved with a three-story and a four-story store building similar in shape, size, and orientation to the 1426 and 1438 Fulton Street subject buildings observed during the property visit. The subject property at 1428-1432 Fulton Street consisted of vacant land labeled as Tompkins Avenue R.R. Depot Car and Houses; a one-story office building and the southern portion of the subject property (293-297 Herkimer Street) is improved with a two-story and a three-story residential building.	
Addresses of Subject Property Listed on Fire/Insurance Map: 1426-1438 Fulton Street and 293-297 Herkimer Street	
Description of Northerly Adjoining Property: The property beyond Fulton Street was not depicted in the Sanborn fire insurance map.	
Description of Southerly Adjoining Property: The property is improved with several two-story residential buildings similar in shape, size, and orientation to the buildings observed during the property visit.	
Description of Easterly Adjoining Property: The property is improved with four-story store building and portion of Tompkins Avenue R.R. Depot	
Description of Westerly Adjoining Property: The property is improved with store buildings and several residential buildings similar in shape, size, and orientation to the buildings observed during the property visit.	

Year	1908
Information Source	EDR
Description of Subject Property: No major changes at the 1426, 1438 Fulton Street, and the 293-297 Herkimer Street subject property in comparison to 1888 fire insurance map. The subject property at 1428 Fulton Street is improved with a two-story building consisting of fire proof construction and with a wire glass vent labeled as BRTRR Subway Station; the subject property lot 1432 Fulton Street is depicted as Wagon Shed Cable Reel Storage; the subject property lot 1436 Fulton Street was depicted as undeveloped land.	
Addresses of Subject Property Listed on Fire/Insurance Map: 1426-1438 Fulton Street and 293-297 Herkimer Street	
Description of Northerly Adjoining Property: The property beyond Fulton Street is not depicted in the fire insurance map.	
Description of Southerly Adjoining Property: No major changes in comparison with the 1888 fire insurance map.	
Description of Easterly Adjoining Property: The property is improved with a four-story store building and southeastern adjoining property is depicted as Department of Street Cleaning City Dump and Refuse Station. A small pipe and cement shed is also depicted at this property.	
Description of Westerly Adjoining Property: No major changes in comparison with 1888 Sanborn fire insurance map.	

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Year	1932
Information Source	EDR
Description of Subject Property: No major changes at the 1426, 1438 Fulton Street, and the 293-297 Herkimer Street subject property in comparison to 1908 fire insurance map. The subject property at 1428-1430 Fulton Street is improved with a structure with a metal shutter labeled as BMT Sub-station; the subject property 1436 Fulton Street is improved with a one-story store building and a kitchen building.	
Addresses of Subject Property Listed on Fire/Insurance Map: 1426-1438 Fulton Street and 293-297 Herkimer Street	
Description of Northerly Adjoining Property: The property beyond Fulton Street is not depicted in the fire insurance map.	
Description of Southerly Adjoining Property: No major changes in comparison with the 1908 fire insurance map.	
Description of Easterly Adjoining Property: The property is improved with store buildings and garage building including a filling station.	
Description of Westerly Adjoining Property: No major changes in comparison with 1908 Sanborn fire insurance map.	

Year	1951
Information Source	EDR
Description of Subject Property: No major changes at the 1426, 1438 Fulton Street, and the 293-297 Herkimer Street subject property in comparison to 1932 fire insurance map. No major changes at the 1428-1430 Fulton Street subject property in comparison to the 1932 fire insurance map. The subject property 1432 Fulton Street in improved with a one-story office building and another one-story unlabeled building; the subject property at 1436 Fulton Street is depicted as undeveloped land labeled as storage space for "second hand plumbing supplies".	
Addresses of Subject Property Listed on Fire/Insurance Map: 1426-1438 Fulton Street and 293-297 Herkimer Street	
Description of Northerly Adjoining Property: The property beyond Fulton Street is not depicted in the fire insurance map.	
Description of Southerly Adjoining Property: No major changes in comparison with 1932 fire insurance map.	
Description of Easterly Adjoining Property: No major changes in comparison with 1932 fire insurance map.	
Description of Westerly Adjoining Property: No major changes in comparison with 1932 fire insurance map.	

Year	1962
Information Source	EDR
Description of Subject Property: No major changes in comparison with the 1951 fire insurance map, except the subject property at 1436 Fulton Street is improved with a one-story building.	
Addresses of Subject Property Listed on Fire/Insurance Map: 1426-1438 Fulton Street and 293-297 Herkimer Street	
Description of Northerly Adjoining Property: No major changes in comparison with 1951 fire insurance map.	
Description of Southerly Adjoining Property: No major changes in comparison with 1951 fire insurance map.	
Description of Easterly Adjoining Property: No major changes in comparison with 1951 fire insurance map.	
Description of Westerly Adjoining Property: No major changes in comparison with 1951 fire insurance map.	

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Year	**1965**
Information Source	EDR
Description of Subject Property: No major changes in comparison with the 1962 fire insurance map, except the subject property at 1426 Fulton Street is improved with another one-story building.	
Addresses of Subject Property Listed on Fire/Insurance Map: 1426-1438 Fulton Street and 293-297 Herkimer Street	
Description of Northerly Adjoining Property: No major changes in comparison with 1962 fire insurance map.	
Description of Southerly Adjoining Property: No major changes in comparison with 1962 fire insurance map.	
Description of Easterly Adjoining Property: No major changes in comparison with 1962 fire insurance map except the former garage area is labeled as vacant.	
Description of Westerly Adjoining Property: No major changes in comparison with 1962 fire insurance map.	

Year	**1976**
Information Source	EDR
Description of Subject Property: No major changes in comparison with the 1965 fire insurance map, except the subject property at 297 Herkimer Street is depicted as vacant land.	
Addresses of Subject Property Listed on Fire/Insurance Map: 1426-1438 Fulton Street and 293-297 Herkimer Street	
Description of Northerly Adjoining Property: No major changes in comparison with the 1965 fire insurance map.	
Description of Southerly Adjoining Property: No major changes in comparison with the 1965 fire insurance map	
Description of Easterly Adjoining Property: The property is improved with three-story store and residential buildings; metal product manufacturing plant.	
Description of Westerly Adjoining Property: No major changes in comparison with the 1965 fire insurance map	

Year	**1978, 1979**
Information Source	EDR
Description of Subject Property: No major changes in comparison with the 1976 fire insurance map, except the subject property at 293 Herkimer Street is depicted as vacant land.	
Addresses of Subject Property Listed on Fire/Insurance Map: 1426-1438 Fulton Street and 293-297 Herkimer Street	
Description of Northerly Adjoining Property: No major changes in comparison with the 1976 fire insurance map.	
Description of Southerly Adjoining Property: No major changes in comparison with the 1976 fire insurance map.	
Description of Easterly Adjoining Property: No major changes in comparison with the 1976 fire insurance map.	
Description of Westerly Adjoining Property: No major changes in comparison with the 1976 fire insurance map.	

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Year	**1980**
Information Source	EDR
Description of Subject Property: No major changes in comparison with the 1978 fire insurance map, except the subject property at 1432-1436 Fulton Street is depicted as undeveloped land.	
Addresses of Subject Property Listed on Fire/Insurance Map: 1426-1438 Fulton Street and 293-297 Herkimer Street	
Description of Northerly Adjoining Property: No major changes in comparison with the 1978 fire insurance map.	
Description of Southerly Adjoining Property: No major changes in comparison with the 1978 fire insurance map.	
Description of Easterly Adjoining Property: No major changes in comparison with the 1978 fire insurance map.	
Description of Westerly Adjoining Property: No major changes in comparison with the 1978 fire insurance map.	

Year	**1982, 1987, 1988, 1991, 1992, 1993, 1995**
Information Source	EDR
Description of Subject Property: No major changes in comparison with the 1980 fire insurance map.	
Addresses of Subject Property Listed on Fire/Insurance Map: 1426-1438 Fulton Street and 293-297 Herkimer Street	
Description of Northerly Adjoining Property: No major changes in comparison with the 1980 fire insurance map.	
Description of Southerly Adjoining Property: No major changes in comparison with the 1980 fire insurance map.	
Description of Easterly Adjoining Property: No major changes in comparison with the 1980 fire insurance map.	
Description of Westerly Adjoining Property: No major changes in comparison with the 1980 fire insurance map.	

Review of the fire insurance maps revealed that the 1426 and 1438 Fulton Street subject buildings were constructed prior to 1888. According to fire insurance map the subject property at 293-297 Herkimer Street was improved with two residential buildings from 1888 to 1976.

Review of the Sanborn fire insurance map revealed that the subject property located at 1428 Fulton Street was labeled as New York City Transit (BMTRR) subway maintenance station from 1908 to 1995. The former use of the subject property as a trolley and railcars maintenance shop resulted in potential spills of locomotive fuel and other fluids used for the operation and maintenance of the railcars.

During the property visit, Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation and Adas Inc., informed Property Solutions that the subject property at 1428 Fulton Street was historically used as a New York City Transit subway station and trolley maintenance workshop in early 1900s. Mr. Porter informed Property Solutions that the subject building was built out in 1996 when he acquired the subject property. According to Mr. Porter, the interior renovations and remodeling was done after his acquisition of the subject property. Mr. Porter also mentioned that he was not aware of any subsurface investigation or remediation activities in conjunction with the subject property's historic operation. Mr. Porter also informed Property Solutions that he was not aware of any oil pits or trench drains at the subject building.

Property Solutions was provided with a copy of a subsurface investigation report dated October

26, 1994 prepared by Energy and Environmental Analysts, Inc. (EEA). Please refer to Section 6.6 for additional information regarding subsurface investigation report.

Based on the above information, Property Solutions recommends a detail Phase II Subsurface Investigation be performed at the subject property at 1428 Fulton Street in order to address potential impacts from the former operations.

Review of Sanborn fire insurance map revealed that the adjoining property to the east was used as a city dump and refuge station in early 1900s, garage and filling station in mid 1900s. Based on the absence of any regulatory listing in the environmental database or Envirofacts for the easterly adjoining property, it is expected that the historical operations have not impacted the environmental condition of the subject property. No further action is warranted at this time.

Copies of the fire insurance maps are included in Appendix F.

6.4 Topographic Quadrangle Map

Topographic Quadrangle Map Name	Brooklyn, New York
Year published	1967
Aerial photograph year map based on	1954
Year photorevised	1979
Aerial photograph year photorevision based on	1977
Color of photorevisions	Purple
Description of Subject Property: Subject property located in area depicted in red, indicating highly developed areas where only landmark buildings are depicted.	
Description of Northerly Adjoining Property: Located in area depicted in red, indicating highly developed areas where only landmark buildings are depicted.	
Description of Southerly Adjoining Property: Located in area depicted in red, indicating highly developed areas where only landmark buildings are depicted.	
Description of Easterly Adjoining Property: Located in area depicted in red, indicating highly developed areas where only landmark buildings are depicted.	
Description of Westerly Adjoining Property: Located in area depicted in red, indicating highly developed areas where only landmark buildings are depicted.	

No environmental concerns were identified based upon a review of the Brooklyn, New York, topographic quadrangle map.

A portion of the USGS 7.5-minute series topographic quadrangle map of Brooklyn, New York, which includes the subject property, is included in Appendix A.

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6.5 Prior Use Interviews

Property Contact Name	Mr. Sean Porter
Property Contact Title	President and CEO
Property Contact Company	Porteral Corporation, Porter Foundation, and Adas Inc.
Association with Property	Subject property owner
Years Associated with Subject Property	1996 to present

Property History: Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation and Adas Inc. informed Property Solutions that the subject property at 1428 Fulton Street was historically used as a New York City Transit subway station and trolley maintenance workshop in early 1900s. Mr. Porter also mentioned that the 1428 Fulton Street subject building was built in 1901. According to Mr. Porter, the subject buildings at 1426 and 1438 Fulton Street were built in late 1880s and have always been used as residential and retail purposes.

Other Information: Mr. Porter informed Property Solutions that the 1428 Fulton Street subject building was built out in 1996 when he acquired the subject property. According to Mr. Porter, the interior renovations and remodeling was done after his acquisition of the subject property. Mr. Porter also mentioned that he was not aware of any subsurface investigation or remediation activities in conjunction with the subject property's historic operation. Mr. Porter also informed Property Solutions that he was not aware of any oil pits or trench drains at the 1428 Fulton Street subject building.

6.6 Previous Reports and Plans

Complete Report Name	Phase II Environmental Subsurface Investigation
Report Date	October 26, 1994
Report Project Number	Not reported
Report Property Name	1428-1438 Fulton Street
Report Property Address	1428-1438 Fulton Street, Brooklyn, New York
Prepared by	EEA, Inc.
Consultant City & State Location	Garden City, New York
Prepared for	Bedford Stuyvesant Community Trust, Inc.
Party City & State Location	Brooklyn, New York
Report Provided by	Mr. Davin Blum of Potomac Business Services, LLC
The entire report including appendices was provided.	
The boundaries discussed in this report are identical to those of the subject property identified by Property Solutions.	
Report and Subject Property Variations: None	
Information/Portions of Report not Included with Report: None	

Scope of Services Performed Per Report: Energy and Environmental Analysts, Inc. (EEA) conducted an environmental subsurface investigation at the subject property at 1428-1438 Fulton Street which included sampling soils at four different locations within and below the building foundation and analyzing the samples for volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), including gasoline chemical constituents and total lead.

Findings/Conclusions as Reported by Report Preparer: Review of the previous environmental subsurface investigation revealed that EEA advanced four soil borings at the subject property. According to EEA, soil borings SB-1A and SB-2 were located within the existing building in the locations of the former trench and pit drains. The report stated that the pit drains were previously filled in and concrete capped prior to the investigation. According to the report, soil borings SB-3 and SB-4 were located in the adjacent parking area and between the walls of the old and newer building extension respectively.

The report stated that the soil samples were submitted to a New York State certified analytical laboratory, EcoTest Laboratories, Inc. of North Babylon, New York for analysis of total petroleum hydrocarbons (TPH), BTEX, and total lead.

Review of the analytical results revealed that the levels of BTEX and TPH in the samples were below the New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Cleanup Objective (TAGM 4046) dated January 24, 1994.

According to the report, soil samples collected from SB-1A, SB-2, and SB-4 were detected with an elevated level of lead in soils above NYSDEC Recommended Soil Cleanup Objective for lead in metropolitan or suburban areas (200-500 mg/kg). Review of the analytical result indicated that the concentrations of lead in the samples collected from SB-1A, SB-2, and SB-4 were 400 mg/kg, 700 mg/kg, and 13,000 mg/kg respectively.

Recommendations as Reported by Report Preparer: According to EEA, the soils were under a concrete surface cap and unlikely to present any health hazards. The report stated that special handling and disposal procedure were necessary in accordance with NYSDEC approved methodology prior to any removal or excavation of the soil.

EEA recommended a Toxicity Characteristics Leaching Procedure Test (TCLP) be performed for the samples to determine whether the lead content of the soil classified it as hazardous material.

The reported also recommended that the oil pits that was filled be re-opened and soils be removed in accordance with NYSDEC guidelines.

Review of the previous phase II subsurface investigation report revealed that EEA performed a subsurface investigation at 1428-1438 Fulton Street subject property. According to the report, EEA advanced two soil borings (SB-1 and SB-2) within and below the 1428 Fulton Street subject building foundation, which were located within the old trench and oil pit drains of the subject building. The report stated that two other borings were advanced in the parking area (SB-3) and exterior to the subject building (SB-4). Review of the report indicated that soil samples collected from the boring locations were analyzed for BTEX, total petroleum hydrocarbons, and lead. Review of the analytical result revealed that the levels of BTEX and TPH in the samples were below the New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Cleanup Objective (TAGM 4046) dated January 24, 1994. However, soil samples collected from SB-1A, SB-2, and SB-4 were detected with elevated levels of lead in soils above NYSDEC Recommended Soil Cleanup Objective for lead in metropolitan or suburban areas (200-500 mg/kg). Review of the analytical results indicated that the

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concentrations of lead in the samples collected from SB-1A, SB-2, and SB-4 were 400 mg/kg, 700 mg/kg, and 13,000 mg/kg respectively.

Property Solutions did not observe any oil pits or old trench drains at the 1428 Fulton Street banquet hall subject building at the time of the property visit. During the property visit, Mr. Sean Porter, President and CEO of Porter Foundation and Adas Inc. informed Property Solutions that the subject property at 1428 Fulton Street was historically used as a New York City Transit subway station and trolley maintenance workshop in early 1900s. Mr. Porter also mentioned that he was not aware of any subsurface investigation report or remediation activities in conjunction with the subject property's historic operation. Mr. Porter also informed Property Solutions that he was not aware of any oil pits or trench drains at the subject building. Property Solutions did not receive any other environmental investigation or remedial action reports pertaining to the subject property.

Review of the previous subsurface investigation report revealed that the soil samples were not analyzed for base neutrals (semi-volatile organic compounds) or all volatile organic compounds per NYSDEC Spill Technology and Remediation Series. Hence, the previous environmental investigation is inadequate to address the potential environmental impacts from subject property's historic uses. Additionally, Property Solutions did not receive any remedial action report regarding the elevated level of lead identified at the subject property. Based on the above information, Property Solutions recommends a detail Phase II Subsurface Investigation be performed at the subject property at 1428 Fulton Street in order to address potential impacts from the former operations.

A copy of the previous report is included in Appendix G.

6.7 Chain of Title Information

A chain of title search for the subject property was not provided for review.

6.8 Activity and Use Limitations/Environmental Liens

Activity and Use Limitations (AULs) include both legal (institutional) and physical (engineering) controls. Agencies, organizations, and jurisdictions may define or utilize these terms differently.

No AULs were identified during this investigation.

No environmental liens were identified during this investigation.

The User did not request Property Solutions to coordinate with a title company or title professional to undertake a review of Recorded Land Title records and judicial records for environmental liens or AULs.

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Therefore, no title records were searched and no information was provided for environmental liens and AULs which is the responsibility of the User. Per the ASTM standard this is considered a data gap.

6.9 Other Historical Sources

No environmentally relevant information from miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current owners or occupants of neighboring properties, or records in the files and/or personal knowledge of the property owner and/or occupants were provided regarding the subject property during this investigation.

6.10 Historical Use Summary

Based on a review of the historical sources, the subject property at 1428 Fulton Street was improved with a New York City Transit (BMTRR) subway maintenance station from 1908 to 1995. Review of the historical sources indicated that the subject property at 1426 and 1438 Fulton Street was improved with residential and commercial buildings prior to 1888.

Per ASTM E 1527-05, "8.3.2 Uses of the Property—All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources in 8.3.4.1 through 8.3.4.8 as are necessary and both reasonably ascertainable and likely to be useful (as described under Data Failure in 8.3.2.3). . . . Such confirmation may come from one or more of the standard historical sources specified in 8.3.4.1 through 8.3.4.8, or it may come from other historical sources (such as someone with personal knowledge of the property; see 8.3.4.9). However, checking other historical sources (see 8.3.4.9) is not required. For purposes of 8.3.2, the term "developed use" includes agricultural uses and placement of fill dirt. The report shall describe all identified uses, justify the earliest date identified (for example, records showed no development of the property prior to the specific date), and explain the reason for any gaps in the history of use (for example, data failure). "

Per ASTM E 1527-05, "8.3.2.3 Data Failure—the historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data Failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Data failure is not uncommon in trying to identify the use of the property at five year intervals back to first use or 1940 (whichever is earlier). Notwithstanding a data failure, standard historical sources may be excluded if: (1) the source is not reasonably ascertainable, or (2) if past experience indicates that the source is not likely to be sufficiently useful, accurate, or complete in terms of satisfying the objectives. Other historical sources specified in 8.3.4.9 may be used to satisfy the objectives, but are not required to comply with this practice. If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion. If the data failure represents a significant data gap, the report shall comment on the impact of the data gap on the ability of the environmental professional to

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identify recognized environmental conditions.

Historical Sources Searched

Historical Source	Source Checked?	Organization	Earliest Date Obtained	Additional Information	Data Failure
Aerial Photos	Yes	EDR	1954	None	Yes
Fire Insurance Maps	Yes	EDR	1888		No
Property Tax File	Yes	New York City Department of Finance	2004	No	Yes
Recorded Land Title Records	No	Not applicable	Not applicable	Not applicable	Not applicable
USGS 7.5 Minute Topo Maps	Yes	USGS	1967	None	Yes
Local Street Directories (city directories)	Yes	New York Public Library	Not available	None	Yes
Building Department Records	Yes	New York City Department of Buildings	1932	Subject property with little 'E' designation	No
Zoning/Land Use Records	Yes	New York City Department of City Planning	2002	Subject property with little 'E' designation	Yes
Other Historical Sources	No	Not applicable	Not applicable	Not applicable	Not applicable
Miscellaneous Maps/Plans	No	Not applicable	Not applicable	Not applicable	Not applicable
Newspapers	No	Not applicable	Not applicable	Not applicable	Not applicable
Records	No	Not applicable	Not applicable	Not applicable	Not applicable
Other Directories/ Phone books	No	Not applicable	Not applicable	Not applicable	Not applicable

Based on the above information and sources searched above, per ASTM E 1527-05 historical use information is deemed sufficient to comply with ASTM E 1527-05 due to Data Failure.

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7.0 INTERVIEWS

The objective of interviews is to obtain information indicating Recognized Environmental Conditions in connection with the subject property as well as AULs. Property Solutions interviewed or made good faith efforts to interview the following:

Represents	Interviewed	Name and title	Comments
Current Property Owner	Yes	Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation and Adas Inc.	Discussed below
Previous Property Owner	No	Not provided	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Owner Representative	Yes	Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation and Adas Inc.	Discussed below
Previous Property Owner Representative	No	Not provided	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Key Site Manager	Yes	Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation and Adas Inc.	Discussed below
Previous Key Site Manager	No	Not provided	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Occupants	No	Not provided	The Lab Banquet Hall Sahel Beauty Supply and Hair Braiding
Previous Property Occupants	No	Not provided	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Major Occupant	No	Not provided	The Lab Banquet Hall Sahel Beauty Supply and Hair Braiding
Previous Property Major Occupant	No	Not provided	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Operator	Yes	Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation and Adas Inc.	Discussed below

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Represents	Interviewed	Name and title	Comments
Previous Property Operator	No	Not provided	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Neighboring Property Owner	No	Not provided	Subject property is not considered an abandoned property where there is evidence of potential unauthorized uses of the abandoned property or evidence of uncontrolled access to the abandoned property, therefore no interview with the neighboring property owners was performed.
Neighboring Property Occupants	No	Not provided	Subject property is not considered an abandoned property where there is evidence of potential unauthorized uses of the abandoned property or evidence of uncontrolled access to the abandoned property, therefore no interview with the neighboring property occupants was performed.

Current Property Owner, Current Property Owner Representative, Current Key Site Manager, Current Property Operator

Name	Mr. Sean Porter					
Title	President and CEO					
Company name	Porteral Corporation, Porter Foundation, and Adas Inc.					
Phone number	347-414-0297					
Years associated with subject property	Twelve years					
Information provided	In Person	X	Phone		Written	
Information request date	December 22, 2008					
Medium information requested	In Person	X	Phone		Written	
Property visit date	December 22, 2008					
Response date	December 22, 2008					
Follow up date	N/A					
Follow up medium	In Person		Phone		Written	
Knows of RECs	Yes	X		No		
Knows of AULs	Yes			No	X	
Knows of environmental concerns	Yes	X		No		
Knows of potential environmental concerns	Yes	X		No		
Knows of off-property concerns	Yes			No	X	

Comments:

Mr. Sean Porter, President and CEO of Porteral Corporation, Porter Foundation and Adas Inc. informed Property Solutions that the subject property at 1428 Fulton Street was historically used as New York City Transits subway station and trolley maintenance workshop in early 1900s. Mr. Porter informed Property Solutions that the subject building was built out in 1996 when he

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acquired the subject property. According to Mr. Porter, the interior renovations and remodeling was done after his acquisition of the subject property. He also mentioned that he was not aware of any subsurface investigation report or remediation activities in conjunction with the subject property's historic operation. Mr. Porter also informed that he was not aware of any oil pits or trench drains at the subject building.

8.0 ENVIRONMENTAL RECORD SEARCH

8.1 Property-Specific Records

During the course of the assessment of the subject property, Property Solutions contacted the following local, county, and state agencies and companies via phone, letter, or in person.

8.1.1 Department of Health

Agency name	New York City Department of Health
Contact name	Ms. Patricia Caruso, General Counsel's Office
Contact title	N/A
City	New York
State	New York
Contact date	December 17, 2008
Request medium	Letter
Response date	No response to date
Form of response	N/A

Response:

A response has not been received at the time of this report.

8.1.2 Fire Department

Agency name	Fire Department, City of New York
Contact name	Freedom of Information Officer
Contact title	Freedom of Information Officer
City	Brooklyn
State	New York
Contact date	December 17, 2008
Request medium	Fax
Response date	No response
Form of response	Not applicable

Response:

A response has not been received at the time of this report.

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8.1.3 Planning/Zoning Department

Agency name	New York City Department of City Planning
Webpage name	New York City Zoning Maps
Webpage address	http://www.nyc.gov/html/dcp/html/zone/zonedex.shtml
City	New York
State	New York
Contact date	December 18, 2008
Request medium	Online
Response date	December 18, 2008
Form of response	Online

Response:

Property Solutions visited the New York City Department of City Planning website. Review of the online zoning map indicated that the subject property is located in zone R-6A which is residential district. The zoning map also revealed that the subject property identified under lot numbers 10, and 15 are designated as E-185. Review of the City Environmental Quality Review Declaration revealed that the subject property was designated as E for Underground Gasoline Storage Tank Testing Protocol and Window Wall Attenuation and Alternate Ventilation.

An (E) designation is a zoning map designation that provides notice of the presence of an environmental requirement pertaining to potential hazardous materials contamination or noise or air quality impacts on a particular tax lot. (E) designations are established as part of a change in zoning that would allow additional development to occur on property, or would permit uses not currently allowed.

8.1.4 Building Department/Inspection Department

Agency name	New York City Department of Buildings
Webpage name	New York City Department of Buildings
Webpage address	http://www.nyc.gov/html/dob/html/bis/bis.shtml
City	New York
State	New York
Contact date	December 18, 2008
Request medium	Online
Response date	December 18, 2008
Form of response	Online

Response:

Property Solutions visited the New York City Department of Buildings webpage, http://www.nyc.gov/html/dob/html/bis/bis.shtml on December 18, 2008 for any pertinent information regarding the subject property. The NYC Building Department indicated that the subject property lots 10 and 15 were designated as little 'e' restricted. Review of the Certificates of Occupancy dated July 22, 1932 and December 14, 1945 revealed that the subject property lot

10 was vacant and open for storage of new and used plumbing supplies and office. Another Certificate of Occupancy dated August 27, 1996 indicated that the subject property at 1428 Fulton Street was improved with a catering establishment, banquet hall, and an accessory storage area.

There were four Certificates of Occupancy (CO) for the subject property at 1432 Fulton Street (lot 15); the CO dated August 2, 1938 indicated that the subject property was improved with three story residential building, the CO dated February 16, 1973 revealed that the subject property was improved with an entertainment establishment and associated parking area; another CO dated October 25, 1989 indicated the subject property was improved with a four-story residential building with a boiler room on the ground floor; and according to another CO dated January 10, 1990 the subject property was improved with on-grade public parking for sixteen motor vehicles on the first floor.

8.1.5 Tax Assessor/Tax Department

Agency name	New York City Department of Finance
Contact name	New York City Department of Finance
Contact title	http://www.nyc.gov/html/dof/html/home/home.shtml
City	New York
State	New York
Contact date	December 18, 2008
Request medium	Online
Response date	December 18, 2008
Form of response	Online

Response:

Property Solutions visited the New York City Department of Finance webpage, http://www.nyc.gov/html/dof/html/home/home.shtml, on December 18, 2008. The New York City Department of Finance webpage provided Property Solutions with a copy of a tax information card for the subject property.

Property Solutions also visited the Property Research Partners, LLC webpage www.propertyshark.com, on December 18, 2008. The Property Research Partners, LLC website provided Property Solutions with a copy of the tax map for the subject property and the surrounding area and a copy of a tax information card for the subject property.

Based on Property Solutions review of the tax map and tax information cards, the subject property is identified as Block 1863 Lots 9, 10, and 15; the subject property consists of an irregular-shaped, 0.41-acre parcel of land. The subject property is currently owned by Porteral Corporation, Porter Foundation and Adas Inc.

A copy of the tax map is included in Appendix A.

8.1.6 Electric Utility

Agency name	Consolidated Edison
Contact name	Freedom of Information Officer
Contact title	Freedom of Information Officer
City	New York
State	New York
Contact date	December 17, 2008
Request medium	Fax
Response date	No response
Form of response	Not applicable

Response:

A response has not been received at the time of this report.

8.1.7 Sewer Department/Provider

Agency name	New York City Department of Environmental Protection
Contact name	Not provided
Contact title	Not provided
City	New York
State	New York
Contact date	December 17, 2008
Request medium	Fax
Response date	No response
Form of response	Not applicable

Response:

A response has not been received at the time of this report.

8.1.8 Water Department/Supplier

Agency name	New York City Department of Environmental Protection, Water and Wastewater Board
Contact name	Not provided
Contact title	Not provided
City	New York
State	New York
Contact date	December 17, 2008
Request medium	Online
Response date	December 17, 2008
Form of response	Online

Response:

According to the 2007 Water Supply Statement, prepared by the NYCDEP, the New York City public water supply has met the 90th percentile for the lead action level of 15 parts per billion (ppb), and is currently in compliance with the USEPA's Lead and Copper Regulations.

8.1.9 Others

No other agencies or individuals were contacted.

8.1.10 State Environmental Agency

Agency name	New York State Department of Environmental Conservation (NYSDEC)
Contact name	Freedom of Information Officer
Contact title	Freedom of Information Officer
City	Albany
State	New York
Contact date	December 17, 2008
Request medium	Fax
Response date	No response
Form of response	Not applicable

Response:

A response has not been received at the time of this report.

8.1.11 State Online Database Information/GIS

Agency name	New York State Department of Environmental Conservation
Contact name	NYSDEC Online Environmental Remediation Database
Contact title	http://www.dec.ny.gov/cfmx/extapps/derfoil/
City	Albany
State	New York
Contact date	December 18, 2008
Request medium	Online
Response date	December 18, 2008
Form of response	Online

Response:

Based on an online search at the NYSDEC online Spill Incident Database, the subject property was not listed with any documented spill/release.

At the time this report was prepared, some of the above local, county, and state agencies and companies had not responded to our information request as indicated.

According to ASTM E 1527-05, Section 8.1.4.2, information that has been requested must be reasonably ascertainable as part of performing the Phase I Environmental Assessment. Information that is reasonably ascertainable per ASTM means that information will be provided by the source within 20 calendar days of receiving a written, telephone, or in-person request.

Copies of the letters and records of communication are included in Appendix I.

8.1.12 USEPA Envirofacts

Property Solutions contacted the United States Environmental Protection Agency (USEPA) through an on-line search via the Internet to obtain information concerning the subject property. Property Solutions performed a search of Envirofacts, a USEPA-generated website that integrates data extracted from five major USEPA program systems: Aerometric Information Retrieval System (AIRS)/AIRS Facility Subsystem (AFS), Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), Permit Compliance System (PCS), Resource Conservation and Recovery Information System (RCRIS) and Toxic Chemical Release Inventory System (TRIS), using two integrating databases: Facility Index System (FINDS) and Envirofacts Master Chemical Integrator (EMCI).

Property Solutions generated a printout of all facilities under the programs identified above that are located within the subject property's zip code (11216). The subject property and adjoining properties were not listed among the sites identified during the query search. The query was executed on December 18, 2008.

A copy of the search results is included in Appendix I.

8.2 Environmental Database Information

As part of the Phase I Environmental Assessment, Property Solutions utilized Environmental Data Resources, Inc. (EDR) of Milford, Connecticut, as an information source for regulatory agency environmental database records. The environmental database was dated December 18, 2008.

Data supplied by EDR is included in Appendix J. This database also includes the required documentation of sources checked as per Section 8.1.8 of the ASTM standard.

The following summary of the database information is divided into two columns. The first column lists sites as identified and located by EDR within the specified distance of the subject property. The second column lists orphan sites, which could not be located by EDR due to incomplete and/or inaccurate address information included in the United States Environmental Protection Agency (USEPA)/state databases, which Property Solutions identified as potentially lying within the search distance.

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Although the exact locations of the orphan sites are frequently unknown, Property Solutions attempts to evaluate the potential adverse environmental impact that these sites may have on the subject property. This evaluation consists of reviewing street names in an effort to learn whether the street on which the site is located lies within the search distance of the subject property, a drive-by view of surrounding properties during the site visit, and evaluating the site type and information provided by government agencies. The orphan sites included in the following table are those Property Solutions identified as potentially located within the identified search distance. A complete list of sites is included in Appendix J.

Environmental Database Summary

Database	Radius	Plottable	Orphan
National Priorities List	1 Mile	0	0
State/Tribal Hazardous Waste Sites	1 Mile	0	0
RCRA Corrective Action Treatment/Storage/ Disposal (TSD) Facilities (CORRACTS)	1 Mile	0	0
Delisted National Priorities List	½ Mile	0	0
CERCLIS Sites	½ Mile	0	0
CERCLIS No Further Remedial Action Planned (NFRAP) Sites	½ Mile	0	0
RCRA Non-Corrective Action TSD Facilities	½ Mile	0	0
Voluntary Cleanup Sites	½ mile	0	0
Brownfield Sites/CERCLIS Equivalent	½ mile	0	0
Leaking Registered Storage Tank Sites	½ Mile	37	0
Solid Waste Landfill Sites/Facilities	½ Mile	0	0
Historic Landfills	½ Mile	0	0
Engineering Controls Registries	½ Mile	0	0
Institutional Controls Registries	½ Mile	0	0
RCRA Large Quantity Generators	Subject Property and Adjoining Properties	0	0
RCRA Small Quantity Generators	Subject Property and Adjoining Properties	0	0
RCRA Conditionally Exempt Small Quantity Generators	Subject Property and Adjoining Properties	0	0
RCRA Non-Generators	Subject Property and Adjoining Properties	0	0
Registered Storage Tank Sites	Subject Property and Adjoining Properties	0	0
E Designation	Subject Property and Adjoining Properties	4	0
Manifest	Subject Property	0	0
Spill/Release Sites	Subject Property	0	0

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Database	Radius	Plottable	Orphan
Facility Index System(FINDS)	Subject Property	0	0
Emergency Response Notification System	Subject Property	0	0

Database Summary

A complete copy of the database report is attached as an appendix to this report. Those sites noted within the search radius with a closed status from regulators, or not listed with known, documented, or suspected release sites will not be discussed below but can be referred to in the database report. The above sites are not expected to significantly impact the subject property based on the regulatory status listed. In addition, those remaining sites which are expected to be hydraulically downgradient, at a sufficient distance from the subject property, or due to the urban setting and density of the area, will not be discussed below but can be referred to in the database report. These above sites are not expected to significantly impact the subject property based on the above factors and as per ASTM E 1527-05.

The following is a discussion of the database findings:

Subject and Adjoining Properties

The subject property was listed twice as E Designation site and the northerly adjoining properties at 1439 and 1445 Fulton Street were listed as E Designation site. Further information regarding these listings is provided below:

E Designation

1. Site Name: Lot 10 Tax Block 1863
   Address: 1428 Fulton Street
   Brooklyn, New York
   Tax Lot: 10
   E-No: E-185
   Description: Underground Gasoline Storage tank Testing Protocol
   Window Wall Attenuation and Alternate Ventilation

2. Site Name: Lot 15 Tax Block 1863
   Address: 1438 Fulton Street
   Brooklyn, New York
   Tax Lot: 15
   E-No: E-185
   Description: Underground Gasoline Storage tank Testing Protocol
   Window Wall Attenuation and Alternate Ventilation

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Note:

During the property visit, Property Solutions observed a potential fill port for an underground storage tank at the subject property (Block 1863 Lot 10) parking lot located adjacent to the 1428 Fulton Street subject building. As the parking lot was covered with snow and ice, detail visual investigation regarding the fill port could not be performed. Mr. Sean Porter was not aware of USTs on the subject property.

Based on the subject property (Block 1863 Lot 10)'s listing on the New York City zoning map with E designation for Underground Gasoline Storage Tank Testing Protocol, the observed potential fill port might be related with the underground storage tank located or formerly located at the subject property.

Property Solutions recommends being provided with further information regarding the observed potential fill port and its association with any present/former underground storage tank located on the subject property. Property Solutions also recommends being provided with any tank removal/closure documents for the subject property. If this information is not available, Property Solutions recommends a geophysical survey followed by a Phase II Subsurface Investigation be performed to determine if the observed fill port is associated with any underground storage tank at the subject property.

3.	Site Name:	Lot 41 Tax Block 1854
	Address:	1439 Fulton Street Brooklyn, New York
	Tax Lot:	41
	E-No:	E-185
	Description:	Underground Gasoline Storage tank Testing Protocol Window Wall Attenuation and Alternate Ventilation
4.	Site Name:	Lot 40 Tax Block 1854
	Address:	1428 Fulton Street Brooklyn, New York
	Tax Lot:	40
	E-No:	E-185
	Description:	Underground Gasoline Storage tank Testing Protocol Window Wall Attenuation and Alternate Ventilation

8.3 Local Lists

The below local types of records were researched or requested from third parties, the Key Site Manager or local regulatory agencies:

- Local Brownfield Lists
- Local Lists of Landfill/Solid Waste Disposal Sites

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- Local Lists of Hazardous Waste/Contaminated Sites
- Local Lists of Registered Storage Tanks
- Local Land Records (For AULs)
- Records of Emergency Release Reports
- Records of Contaminated Public Wells

The above information is discussed in 8.1 and within 8.2 and was duplicative of those sections.

8.4 Database Proprietary Lists

The subject property and adjoining properties were not listed in the EDR proprietary information searched in the EDR database.

9.0 PROPERTY VISIT

Property Visit Date	December 22, 2008
Property Solutions Personnel and Title	Ms. Sanchita Basu Mallick, Environmental Scientist
Property Escort Name	Mr. Sean Porter
Property Escort Title	President and CEO
Property Escort Company	Porter Foundation and Adas Inc.
Property Escort Affiliation	Owner of the subject property
Property Escort Years of Association with Subject Property: Ten years	
The presurvey questionnaire (PQ) was completed.	
Person Completing PQ Name	Mr. Sean Porter
Person Completing PQ Company	Porter Foundation and Adas Inc.
Person Completing PQ Affiliation	Owner of the subject property
Inaccessible Areas and Reason: Storage shed; keys not available	
Weather Conditions: Sunny	Approximate Temperature: 15 degrees F
Weather conditions presented limited observations.	
Describe Limiting Conditions Present: The subject property parking lot was covered with 2" of snow.	

Property Solutions observed the following areas during the property visit:

- Basement and first floor office spaces at 1426 Fulton Street subject building
- Vacant apartment units in second and third floor of 1426 Fulton Street subject building
- The Lab Banquet Hall tenant space at 1428 Fulton Street subject building- VIP lounge, DJ room, kitchen, banquet hall, and third floor office space
- Parking lot at 1432-1436 Fulton Street
- Sahel Beauty Supply and Hair Braiding tenant space at 1438 Fulton Street
- Basement storage area and boiler room of 1438 Fulton Street
- Apartment units 1A and 2A of 1438 Fulton Street subject building

Photographs taken during the property visit are included in Appendix C.

9.1 ASTM Scope Considerations

9.1.1 Underground Storage Tanks

During the property visit, Property Solutions observed a potential fill port for an underground storage tank at the subject property (Block 1863 Lot 10) parking lot located adjacent to the 1428 Fulton Street subject building. As the parking lot was covered with snow and ice, detail visual investigation regarding the fill port could not be performed. Mr. Sean Porter was not aware of USTs on the subject property.

Based on the subject property (Block 1863 Lot 10)'s listing on the New York City zoning map with E designation for Underground Gasoline Storage Tank Testing Protocol, the observed potential fill port might be related with the underground storage tank located or formerly located at the subject property.

Property Solutions recommends being provided with further information regarding the observed potential fill port and its association with any present/former underground storage tank located on the subject property. Property Solutions also recommends being provided with any tank removal/closure documents for the subject property. If this information is not available, Property Solutions recommends a geophysical survey followed by a Phase II Subsurface Investigation be performed to determine if the observed fill port is associated with any underground storage tank at the subject property.

9.1.2 Aboveground Storage Tanks

No aboveground storage tanks (ASTs) were observed on the subject property during the property visit. Mr. Sean Porter was not aware of ASTs on the subject property.

Based upon the above information, no further action is recommended.

9.1.3 Polychlorinated Biphenyl-Containing Electrical Equipment

A visual review was conducted for the presence of electrical equipment that could contain polychlorinated biphenyls (PCBs), an environmentally regulated material used in dielectric fluid in some electrical equipment. Consolidated Edison (ConEd) provides electrical service to the subject property.

No transformers, capacitors, or large switch gear equipment were observed on the subject property during the property visit.

Based upon the above information, no further action is recommended.

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9.1.4 Hydraulic Equipment

No evidence of hydraulic equipment was observed on the subject property during the property visit. Mr. Sean Porter was not aware of hydraulic equipment on the subject property.

Based upon the above information, no further action is recommended.

9.1.5 Chemical, Hazardous Materials, and Raw Materials Storage and Usage

Chemicals stored on the subject property are minimal quantities of domestic cleaning chemicals and paints. Based on observations made during the property visit, they are not expected to be an environmental concern at this time.

Based upon the above information, no further action is recommended at this time.

9.1.6 Waste Generation, Storage, and Disposal

Solid waste generated at the subject property consisted of domestic municipal waste and recyclable materials. Solid waste at the subject property is stored in dumpster located on the subject property. Municipal solid waste generated at the subject property is removed by Action Carting Environmental Services, Inc. Sanitary waste generated at the subject property is discharged to the New York City Department of Environmental Protection sanitary sewerage system.

No evidence of hazardous waste generation, storage, or disposal was observed during the property visit. Mr. Sean Porter was not aware of hazardous waste generation on the subject property.

Based upon the above information, no further action is recommended.

9.1.7 Wells, Sumps, Pits, and Floor Drains

No wells, sumps, or pits were observed on the property during the property visit. Mr. Porter was not aware of wells, sumps, or pits on the subject property.

Based upon the above information, no further action is recommended.

Floor drains were located in bathrooms. No staining was observed around or near the drains. Chemical storage was not observed in the proximity of the floor drains. According to Mr. Porter, the floor drains discharge to the municipal sanitary sewer system. No concerns were identified with regard to the floor drains located in the subject buildings.

Based upon the above information, no further action is recommended.

9.1.8 Stormwater Runoff and Surface Water

The subject property is improved with the footprints of the subject buildings and associated paved parking areas. Stormwater runoff is expected to exit the subject property via overland flow and enter the NYCDEP stormwater collection system via storm drains located within the subject property's parking areas and along local roadways.

The 1972 Amendments to the Federal Water Pollution Control Act (commonly known as the Clean Water Act [CWA]) prohibit the discharge of any pollutant to waters of the United States from a point source unless the discharge is authorized by a National Pollutant Discharge Elimination System (NPDES) permit. In 1987, the CWA was again amended by Congress to require implementation of a comprehensive national program for addressing problematic non-agricultural, non-point sources of stormwater discharge. The rules and regulations of the NPDES program are included in 40 CFR 122.26.

Stormwater permitting for a property is based on the property's Standard Industrial Classification (SIC) Code (category of industrial activity). However, the NPDES program includes a "no exposure" exemption for facilities within an applicable category of industrial activity. Based on 40 CFR 122.26 B(14), the subject property must obtain an NPDES Stormwater Discharge Permit only if material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery is exposed to stormwater. As materials and activities described above are not associated with the subject property, stormwater permitting is not expected to be applicable at this time.

No surface water bodies (i.e., springs or swamps) were observed on the subject property.

Based upon the above information, stormwater runoff and surface water are not expected to be environmental concerns at this time. No further action is recommended at this time.

9.1.9 Lagoons, Septic Systems, and Separators

No evidence of lagoons, septic systems, or separators was observed on the subject property during the property visit.

A grease trap was observed in the kitchen of The Lab Banquet Hall tenant space located on the first floor of the 1428 Fulton Street subject building. Mr. Porter informed Property Solutions that the grease trap is routinely cleaned by Filtaclean Co.

Based upon the above information, no further action is recommended.

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9.1.10 Stressed Vegetation, Staining, and Odors

No evidence of stressed vegetation, staining, or odors was noted on the subject property during the property visit.

Based upon the above information, no further action is recommended.

9.1.11 Surficial Disturbance

No evidence of surficial disturbances was observed on the subject property during the property visit.

Based upon the above information, no further action is recommended.

9.1.12 On-Property Dry Cleaners

No dry cleaning operations were observed at the subject property at the time of the property visit. Mr. Porter was not aware of dry cleaning operations at the subject property.

No dry cleaners were identified during the historical review of the subject property. Mr. Porter was unaware of historical dry cleaning operations at the subject property.

9.2 ASTM Non-Scope Considerations

9.2.1 Asbestos-Containing Materials

During the course of the property visit, Property Solutions performed a preliminary review of interior, accessible areas of the subject buildings for the presence of suspect asbestos-containing materials (ACMs). This limited review was conducted for overview purposes only; additional suspect materials may exist in concealed locations (behind walls and above ceilings, within machinery, etc.). Also, not all suspect materials may have been sampled due to the condition or the location of the suspect materials. Destructive sampling of suspect ACMs was not performed. Suspect ACMs in an overall undamaged condition were not sampled, as that will damage the materials. Property Solutions will not be responsible for damaging materials or causing the materials to become friable. The USEPA defines asbestos-containing material as material containing greater than one percent asbestos. This review was not a pre-demolition/renovation survey or for regulatory submittal purposes.

Suspect and presumed ACMs were observed within the subject buildings during the property visit. The suspect and presumed ACMs are listed in the following tables.

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Friable Materials

Sample No.	Description of Material	Material Classification	Sample Location	Condition	Approx. Amount	% Asbestos/ Type
NS	White 2'X 4' acoustic ceiling tile	MISC	Bathrooms at 1428 Fulton Street subject building, Sahel Beauty Supply and Hair Braiding tenant space	Undamaged	1,350 s.f.	NS-SACM

NS - Not sampled
SACM - Suspect asbestos-containing material per USEPA Green Book
Condition - Undamaged, slightly damaged, damaged, significantly damaged
s.f. - Square feet
MISC - Miscellaneous

Non-Friable Materials

Sample No.	Description of Material	Material Classification	Sample Location	Condition	Approx. Amount	% Asbestos/ Type
NS	Drywall and joint compound	MISC	Throughout the subject buildings	Undamaged	Undetermined	NS-SACM
NS	Red vinyl tile	MISC	First floor entrance of 1426 Fulton Street subject building	Undamaged	200 s.f.	NS-PACM
NS	Mastic associated with vinyl tile	SURF	First floor entrance of 1426 Fulton Street subject building	Undamaged	200 s.f.	NS-PACM
NS	Black vinyl tile	MISC	Basement bathroom, and office space of 1426 Fulton Street office building and hallway of 1438 Fulton Street subject building	Undamaged	1,200 s.f	NS-PACM

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Sample No.	Description of Material	Material Classification	Sample Location	Condition	Approx. Amount	% Asbestos/ Type
NS	Mastic associated with vinyl tile	SURF	Basement bathroom, and office space of 1426 Fulton Street office building and hallway of 1438 Fulton Street subject building	Undamaged	1,200 s.f	NS-PACM
NS	White vinyl tile	MISC	Sahel Beauty Supply and Hair Braiding tenant space	Undamaged	1,000 s.f	NS-PACM
NS	Mastic associated with vinyl tile	SURF	Sahel Beauty Supply and Hair Braiding tenant space	Undamaged	1,000 s.f	NS-PACM
NS	Black and white vinyl tile	MISC	Kitchen and bathroom of units 1A and 2A of 1438 Fulton Street subject building	Undamaged	200 s.f.	NS-PACM
NS	Mastic associated with vinyl tile	SURF	Kitchen and bathroom of units 1A and 2A of 1438 Fulton Street subject building	Undamaged	200 s.f.	NS-PACM

NS - Not sampled
PACM - Presumed asbestos-containing material per OSHA (pre-1981 construction)
SACM - Suspect asbestos-containing material per USEPA Green Book
Condition - Undamaged, slightly damaged, damaged, significantly damaged
s.f. - Square feet
MISC - Miscellaneous
SURF - Surfacing material

A copy of the analytical results is included in Appendix K.

Based on the limited visual review conducted by Property Solutions, suspect asbestos-containing ceiling tile, drywall and joint compound, and presumed asbestos-containing floor tile and mastic were identified at the subject property. These materials were observed to be in an overall undamaged to slightly damaged condition at the time of the property visit.

Per the Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 (Asbestos) (k) (Communication of Hazards), thermal system insulation, surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981, and have not been analytically tested in accordance with 29 CFR 1926.1101 (k) (5) and determined to be non-ACM, are to be presumed to contain asbestos.

It should be noted that 29 CFR 1926.1101 applies to work activities including demolition or salvage of structures where asbestos is present and construction, alteration, repair, maintenance, or renovation of structures, substrates, or portions thereof, that contain asbestos.

Review of 29 CFR 1926.1101 (k) (2) (Duties of Building and Facility Owners) reveals that building and/or facility owners must notify the following persons about the location and quantity of ACM and PACM at the work sites in their buildings and facilities:

- Prospective employers applying and bidding for work whose employees can be reasonably expected to work in or adjacent to areas containing ACM and/or PACM.
- Employees of the owner who will work in or adjacent to areas containing ACM and/or PACM.
- On multi-employer worksites, all employers of employees who will be performing work within or adjacent to areas containing ACM and/or PACM.
- Tenants who will occupy areas containing such material.

Property Solutions recommends that prior to the performance of any renovations, remodeling, demolition, or repairs by the in-house maintenance or engineering staff or outside contractors, verification sampling of SACM and PACM in the proposed work areas should be performed to ensure that no ACM will be impacted by work activities. Any abatement or removal of asbestos-containing materials must be performed in accordance with applicable federal, state, and local regulations.

Based on the dates of construction (late 1800s and 1901), PACM and vinyl/asbestos flooring may be located on the subject property. As indicated above, per OSHA regulations (29 CFR 1926.1101 (k)), building owners are required, under certain circumstances, to notify maintenance people and all persons potentially exposed to PACM at the facility of the presence and location of materials that contain (or are presumed to contain) asbestos. Thermal system insulation, surfacing material, and asphalt/vinyl flooring materials that are present in a building constructed prior to 1981, and have not been analytically tested and determined to be non-ACM, are to be presumed to contain asbestos, and should be addressed in accordance with 29 CFR 1926.1101, as well as other applicable federal, state, and local regulations.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan. Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

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9.2.2 Radon

The subject property is located in Zone 3 (low radon potential) per the USEPA's Map of Radon Zones. According to the Measured Basement Radon Screening Levels, dated July 2004, and prepared by the New York State Department of Health, 347 canisters were placed at locations in Kings, New York. The mean value was 1.2 picoCuries per Liter (pCi/L). The USEPA action level is 4.0 pCi/L.

Based on the low radon potential for the Kings County area, no further action regarding radon is recommended at this time.

9.2.3 Lead-Based Paint

Based on the dates of construction of the subject buildings (late 1800s and 1901), there is a potential that lead-based paints (LBPs) were used during building construction. This section is for overview purposes only and was not a lead evaluation or comprehensive survey for regulatory submission or predemolition/renovation.

Painted surfaces within the subject buildings were generally observed to be in an undamaged condition.

The United States Department of Housing and Urban Development (HUD) indicates that lead-based paint is any paint, varnish, stain, or other applied coating that has one (1) milligram per square centimeter (mg/cm^2) or 5,000 micrograms per gram ($\mu g/g$) by dry weight (0.5% by mass) or more of lead.

Review of 24 CFR 35 (Lead-Based Paint Poisoning Prevention in Certain Residential Structures)- Subpart A (Disclosure of Known Lead-Based Paint Hazards Upon Sale or Lease of Residential Property)-Section 35.88 (Disclosure Requirements for sellers and lessors), Section 35.90 (Opportunity to conduct an evaluation) and Section 35.92 (Certification and acknowledgement of disclosure) reveals the following:

This Subpart applies to the leasing or selling of target housing; which is defined as housing constructed prior to 1978. Therefore, per the definitions of this Subpart, the subject property is considered target housing.

Section 35.88 of this Subpart indicates that the lessor or seller of target housing must provide lessee or purchaser with a USEPA-approved lead hazard information pamphlet; such as the USEPA document entitled Protect Your Family from Lead in Your Home (USEPA No. 747-K-94-001).

Section 35.88 indicates that the seller or lessor shall disclose to the purchaser or lessee the presence of any known lead-based paint and/or lead-based paint hazards in the target housing

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being sold or leased, and that the seller or lessor shall provide the purchaser or lessee with any records or reports available to the seller or lessor pertaining to lead-based paint and/or lead-based paint hazards in the target housing being sold or leased.

Section 35.90 indicates that before a purchaser is obligated under any contract to purchase target housing, the seller shall permit the purchaser a 10-day period to conduct a risk assessment or inspection for the presence of lead-based paint and/or lead-based paint hazards.

Section 35.92 of this Subpart indicates that each contract to lease target housing (such as apartments within the subject property) shall include the following Lead Warning Statement:

> *Housing built before 1978 may contain lead-based paint. Lead from paint, paint chips, and dust can pose health hazards if not managed properly. Lead exposure is especially harmful to young children and pregnant women. Before renting pre-1978 housing, lessors must disclose the presence of lead-based paint and/or lead-based paint hazards in the dwelling. Lessees must also receive a federally approved pamphlet on lead poisoning prevention.*

Section 35.92 of this Subpart indicates that each contract to sell target housing (such as apartments within the subject property) shall include the following Lead Warning Statement:

> *Every purchaser of any interest in residential real property on which a residential dwelling was built prior to 1978 is notified that such property may present exposure to lead from lead-based paint that may place young children at risk of developing lead poisoning. Lead poisoning in young children may produce permanent neurological damage, including learning disabilities, reduced intelligence quotient, behavioral problems, and impaired memory. Lead poisoning also poses a particular risk to pregnant women. The seller of any interest in residential real property is required to provide the buyer with any information on lead-based paint hazards from risk assessments or inspections in the seller's possession and notify the buyer of any known lead-based paint hazards. A risk assessment or inspection for possible lead-based paint hazards is recommended prior to purchase.*

If the property receives mortgage insurance under a program administered by HUD, or project based rental assistance, additional HUD and property owner requirements may apply. This is on a case by case basis and a compliance issue between HUD and the property owner.

As of August 2, 2004, New York City Local Law 1 requires owners of buildings that were constructed prior to 1960 or in buildings constructed between 1960 and 1978 where the owner knows that the building contains lead-based paint to perform the following:

- Provide a notice in English and Spanish entitled "Prevention of Lead-based Paint Hazards-Inquiry Regarding Child" upon signing lease as well as each subsequent year prior to January Sixteenth. The tenant must respond to the inquiry by February Fifteenth. Record of the notice must be maintained for ten years.
- Perform a visual inspection at least annually in dwelling units that where a child of applicable age (less than seven years old) and in common areas of the multiple dwelling for peeling paint, chewable surfaces, deteriorated subsurfaces, friction surfaces, and impact surfaces. The inspection for lead-based paint hazards shall include every surface in every room in the dwelling unit, including the interiors of closets and cabinets. Records of inspections must be maintained for ten years.
- Remediate all lead-based paint hazards in units where children under the age of seven reside. Lead-based paint hazard means any condition in a dwelling or dwelling unit that causes exposure to lead from lead-contaminated

dust, from lead-based paint that is peeling, or from lead-based paint that is present on chewable surfaces, deteriorated subsurfaces, friction surfaces, or impact surfaces that would result in adverse human health. *Chewable surfaces* mean a protruding interior window sill in a dwelling unit in multiple dwelling unit where a child of applicable age resides and which is readily accessible to such child. Chewable surface also means any other type of interior edge or protrusion in a dwelling unit in a multiple dwelling, such as a rail or stair, where there is evidence that such other edge or protrusion has been chewed or where an occupant has notified the owner that a child of applicable age who resides in that multiple dwelling has mouthed or chewed such edge or protrusion. *Deteriorated subsurface* means an unstable or unsound painted subsurface, an indication of which can be observed through visual inspection, including but not limited to, rotten or decayed wood or plaster that has been subject to moisture or disturbance. *Friction surface* means any painted surface that touches or is in contact with another surface, such that the two surfaces are capable of relative motion and abrade, scrape, or bind when in relative motion. Friction surfaces shall include, but not be limited to, window frames and jambs, doors, and hinges. *Impact surface* means any interior painted surface that shows evidence, such as marking, denting, or chipping, that is subject to damage by repeated sudden force, such as certain parts of door frames, moldings, or baseboards.

- Upon turnover of units, the owner must: 1) remediate all lead-based paint hazards; 2) make all bare floors, window sills, and window wells in the dwelling unit smooth and cleanable; 3) provide or the removal or permanent covering of all lead-based paint on friction surfaces on all doors and door frames; and 4) provide for the removal or permanent covering of all lead-based paint on all friction surfaces on all windows, or provide for the installation of replacement window channels or slides on all lead-based painted friction surfaces on all windows. This work shall be performed prior to the re-occupancy of the unit. The owner shall maintain or transfer to subsequent owner records of the work performed. Work must be performed by trained workers and safe work practices.

Property Solutions was not provided with documentation demonstrating compliance with New York City Local Law 1. Property Solutions recommends being provided with this documentation for review as well as transferring the information to the buyer of the subject property. If this information is not available, Property Solutions recommends that the owner of the subject property immediately comply with Local Law 1 and incorporate the documentation into the Lead-Based Paint Operations and Maintenance Plan.

It is the responsibility of the owner of the subject property and the Lead Program Manager (LPM) to be knowledgeable and mindful of current lead disclosure regulations. It is also the responsibility of the owner and LPM to ensure that current lead disclosure regulations are complied with at the subject property.

Based on the above information, Property Solutions recommends that a Lead-Based Paint Operations and Maintenance Plan be developed and implemented at the subject property.

9.2.4 Lead in Drinking Water

Drinking water for the subject property is provided by the New York City Department of Environmental Protection (NYCDEP). The NYCDEP was required to perform system-wide lead screening of their water system starting in 1992, under the USEPA "Lead and Copper Regulations" (Federal Register Volume 56, No. 26460). These regulations, promulgated in June 1991, require public water systems to perform screening and provide for public notification and corrective action to reduce the lead hazards present in the water system.

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According to the 2007 Annual Water Supply Statement, prepared by the NYCDEP, the New York public water supply has met the 90th percentile for the lead action level of 15 parts per billion (ppb), and is currently in compliance with the USEPA's Lead and Copper Regulations.

Based upon the above information, no further action regarding lead in drinking water is required at this time.

9.2.5 Potential Wetlands

No evidence of wetland areas was observed on the subject property during the property visit. Review of the United States Department of the Interior, National Wetland Inventory map of Brooklyn, New York, revealed that no delineated wetlands are located on the subject property.

Based upon the above information, wetland areas are not expected to be an environmental concern at this time. No further action is recommended.

A copy of the wetland map is included in Appendix A.

9.2.6 Air Emissions

No major air emissions sources were identified at the subject property during the property visit.

No indoor air quality complaints were reported during the investigation by the Key Site Manager interviewed.

Based on the above information, air emission sources are not expected to be an environmental concern at this time. No further action is recommended at this time.

9.2.7 Mold/Water Intrusion

During the course of the Phase I Environmental Assessment property visit, Property Solutions performed limited observations for obvious signs of moisture, water intrusion, and potential mold at the subject property. This was performed for overview purposes only and is not a mold assessment or inspection for regulatory submittal purposes. Additional areas may exist in areas not observed or in concealed locations (behind walls and above ceiling tiles, etc.). This was a limited visual review during a Phase I Environmental Assessment property visit of easily accessible areas for obvious signs of water intrusion and potential mold. An engineering assessment and property maintenance personnel should be consulted to verify water intrusion due to engineering concerns and deficiencies and addressed as appropriate.

Molds produce tiny spores to reproduce, which waft through the indoor and outdoor air continually. When mold spores land on a damp spot indoors, they may begin growing and digesting whatever they are growing on in order to survive. There are molds that can grow on wood, paper, carpet, and foods. When excessive moisture or water accumulates indoors, mold

growth will often occur, particularly if the moisture problem remains undiscovered or un-addressed. There is no practical way to eliminate all molds and mold spores in the indoor environment; the way to control indoor mold growth is to control moisture. In addition, mold growth may be a problem after flooding.

Standards or Threshold Limit Values (TLVs) for airborne concentrations of mold, or mold spores, have not been set. Currently, there are no USEPA regulations or standards for airborne mold contaminants. Currently there are no New York State or New York City regulations for evaluating potential health effects of fungal contamination and remediation.

Mr. Porter was unaware of past water damage or historic leaks.

Visible Potential Mold/Water Intrusion

Location	Mold Growth Observed	Water Intrusion Observed	Moist Areas/ Musty Odors Noted	Material Affected	Approx. Area	Potential Moisture Source
Sahel Beauty Supply and Hair Braiding tenant space	No	Yes	No	Ceiling tiles	5 s.f.	Bathtub drain pipe leaks

s.f. - Square feet

No obvious visual evidence of mold, or standing water was observed in the interior portions of the subject building accessed by Property Solutions during the property visit. No musty odors indicative of a moisture problem or porous materials such as carpets and insulation in damp niches were observed during the property visit.

No botanical materials such as bark chips or potted plants in moist locations such as an atrium were observed during the property visit. No indoor water features such as fountains, indoor waterfalls, or indoor swimming pools were observed in the subject building. Mr. Porter was unaware of reported odor complaints, allergic reactions, or other symptoms possibly associated with mold growth. No problems evident in the building envelope or problematic conditions surrounding the air intake were observed. No operatives conducive to bioaerosol generation such as animal confinement operations, agricultural activities, or wetlands were observed on the subject property or adjacent properties. This limited visual review was conducted for overview purposes only; mold may exist in concealed locations (behind walls, wallpaper, and ceilings, etc.). Mr. Porter was unaware of mold, standing water, or historic floods at the subject property.

Based on the above information, Property Solutions recommends that the source of the water intrusion be repaired and impacted building materials be replaced to prevent potential mold growth at the 1438 Fulton Street subject building .

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10.0 CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of The Lab Banquet Hall and the apartment buildings located at 1426-1438 Fulton Street (aka 293-297 Herkimer Street) in Brooklyn, Kings County, New York 11216. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property, except for the following:

1. Review of Sanborn Fire Insurance maps revealed that the subject property located at 1428 Fulton Street was labeled as a New York City Transit (BMTRR) subway maintenance station from 1906 to 1995. The former use of the subject property as a trolley and railcars maintenance shop resulted in potential spills of locomotive fuel and other fluids used for the operation and maintenance of the railcars.

   Review of the New York City Department of City Planning online zoning map as well as the EDR environmental database indicated that the subject property lots (lot numbers 10, and 15) at 1428-1438 Fulton Street are designated as E-185. Review of the City Environmental Quality Review Declaration revealed that the subject property was designated as E for Underground Gasoline Storage Tank Testing Protocol and Window Wall Attenuation and Alternate Ventilation. An (E) designation is a zoning map designation that provides notice of the presence of an environmental requirement pertaining to potential hazardous materials contamination or noise or air quality impacts on a particular tax lot. (E) designations are established as part of a change in zoning that would allow additional development to occur on property, or would permit uses not currently allowed.

   Property Solutions was provided with a copy of a subsurface investigation report dated October 26, 1994 prepared by Energy and Environmental Analysts, Inc. (EEA). Review of the previous phase II subsurface investigation report revealed that EEA performed a subsurface investigation at 1428-1438 Fulton Street subject property. According to the report, EEA advanced two soil borings (SB-1 and SB-2) within and below the 1428 Fulton Street subject building foundation, which were located within the old trench and oil pit drains of the subject building. The report stated that two other borings were advanced in the parking area (SB-3) and exterior to the subject building (SB-4). Review of the report indicated that soil samples collected from the boring locations were analyzed for BTEX, total petroleum hydrocarbons, and lead. Review of the analytical result revealed that the levels of BTEX and TPH in the samples were below the New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Cleanup Objective (TAGM 4046) dated January 24, 1994. However, soil samples collected from SB-1A, SB-2, and SB-4 were detected with elevated levels of lead in soils above NYSDEC Recommended Soil Cleanup Objective for lead in metropolitan or suburban areas (200-500 mg/kg). Review of the analytical results indicated that the

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concentrations of lead in the samples collected from SB-1A, SB-2, and SB-4 were 400 mg/kg, 700 mg/kg, and 13,000 mg/kg respectively. EEA recommended the original oil pits at the subject property that were filled be re-opened and the soils be removed in accordance with New York State Department of Environmental Conservation approved guidelines for handling contaminated soils.

During the property visit, Mr. Sean Porter, President and CEO of Porter Foundation and Adas Inc. informed Property Solutions that the subject property at 1428 Fulton Street was historically used as a New York City Transit subway station and trolley maintenance workshop in early 1900s. Mr. Porter informed Property Solutions that the subject building was built out in 1996 when he acquired the subject property. According to Mr. Porter, the interior renovations and remodeling was done after his acquisition of the subject property. Mr. Porter also mentioned that he was not aware of any subsurface investigation report or remediation activities in conjunction with the subject property's historic operation. Mr. Porter also informed Property Solutions that he was not aware of any oil pits or trench drains at the subject building.

Property Solutions did not observe any oil pits or old trench drains at the 1428 Fulton Street banquet hall subject building at the time of the property visit. Property Solutions did not receive any other environmental investigation or remedial action reports pertaining to the subject property.

Review of the previous subsurface investigation report revealed that the soil samples were not analyzed for base neutrals (semi-volatile organic compounds) or all volatile organic compounds per NYSDEC Spill Technology and Remediation Series. Hence, the previous environmental investigation is inadequate to address the potential environmental impacts from subject property's historic uses. Additionally, Property Solutions did not receive any remedial action report regarding the elevated level of lead identified at the subject property. Property Solutions recommends a detail Phase II Subsurface Investigation be performed at the subject property at 1428 Fulton Street in order to address potential impacts from the former operations.

2. During the property visit, Property Solutions observed a potential fill port for an underground storage tank at the subject property (Block 1863 Lot 10) parking lot located adjacent to the 1428 Fulton Street subject building (Refer to the photo no. 39 in Appendix C). Mr. Porter was unaware of any underground storage tank at the subject property. As the parking lot was covered with snow and ice, detail visual investigation regarding the fill port could not be performed.

   Based on the subject property (Block 1863 Lot 10)'s listing on the New York City zoning map with E designation for Underground Gasoline Storage Tank Testing Protocol, the observed potential fill port might be related with the underground storage tank located or formerly located at the subject property.

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Property Solutions recommends being provided with further information regarding the observed potential fill port and its association with any present/former underground storage tank located on the subject property. Property Solutions also recommends being provided with any tank removal/closure documents for the subject property. If this information is not available, Property Solutions recommends a geophysical survey followed by a Phase II Subsurface Investigation be performed to determine if the observed fill port is associated with any underground storage tank at the subject property.

The following ASTM non-scope considerations were identified at the subject property based on the findings provided in this report:

3. During the course of the property visit, Property Solutions performed a preliminary review of interior, accessible areas of the subject building for the presence of presumed and suspect asbestos-containing materials (ACMs). This limited review was conducted for overview purposes only; additional suspect materials may exist in concealed locations (behind walls and above ceilings, within machinery, etc.).

   Based on the date of construction (late 1800s and 1901) suspect asbestos containing ceiling tiles, drywall and joint compound, and presumed asbestos containing vinyl tiles were observed within the subject buildings during the property visit. The asbestos-containing materials were observed to be in undamaged to slightly damaged condition.

   Property Solutions recommends that prior to the performance of any renovations, remodeling, demolition, or repairs by the in-house maintenance or engineering staff or outside contractors, verification sampling of SACM and PACM in the proposed work areas should be performed to ensure that no ACM will be impacted by work activities. Any abatement or removal of asbestos-containing materials must be performed in accordance with applicable federal, state, and local regulations.

   Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan. Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

4. Based on the dates of construction of the subject buildings (late 1800s and 1901), there is a potential that lead-based paints (LBPs) were used during building construction. Painted surfaces within the subject buildings were generally observed to be in an overall undamaged condition.

   It is the responsibility of the owner of the subject property and the Lead Program Manager (LPM) to be knowledgeable and mindful of current lead disclosure regulations. It is also the responsibility of the owner and LPM to ensure that current lead disclosure

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regulations are complied with at the subject property.

Based on the above information, Property Solutions recommends that a Lead-Based Paint Operations and Maintenance Plan be developed and implemented at the subject property.

5. During the property visit, Property Solutions observed five square feet of water intrusion mark in the ceiling of Sahel Beauty Supply and Hair Braiding tenant space at 1438 Fulton Street subject building. Mr. Sean Porter informed Property Solutions that the water intrusion marks were due to leaking bathtub drain pipes from the apartment unit situated just above the retail tenant space. No evidence of mold growth was observed in the water intruded area.

   Based on the above information, Property Solutions recommends that the source of the observed water intrusion be repaired and impacted building materials be replaced to prevent potential mold growth at the 1438 Fulton Street subject building.

11.0 REFERENCES

11.1 Information Sources

1. United States Geological Survey's 7.5-minute topographic quadrangle map of Brooklyn, New York.
2. Soils of New York Landscapes (Cline & Marshall).
3. Ground Water Atlas for the United States Segment 12, dated 1995, and produced by the United States Geological Survey.
4. Geologic Map of New York-Lower Hudson Sheet, dated 1970, and produced by the University of the State of New York.
5. USEPA's Map of Radon Zones.
6. Measured Basement Radon Screening Levels, dated July 2004, and prepared by the New York State Department of Health.
7. 2007 Water Supply Statement, prepared by the NYCDEP.
8. United States Department of the Interior, National Wetland Inventory Map for Brooklyn, New York.
9. Aerial photographs provided by Environmental Data Resources, Inc.
10. Polk's City Directories.
11. Fire insurance maps, provided by Environmental Data Resources, Inc.
12. The EDR Radius Map with GeoCheck, produced by Environmental Data Resources, Inc.
13. Envirofacts Data Warehouse, produced by USEPA.
14. Phase II Environmental Subsurface Investigation dated October 26, 1994 prepared by Energy and Environmental Analysts, Inc.

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11.2 Definitions

Abandoned property – property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property.

Activity and use limitations – Legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or ground water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or ground water on the property.[4]

[4] The term *AUL* is taken from the ASTM Standard Guide E 2091 to include both legal (that is, institutional) and physical (that is, engineering) controls within its scope. Other agencies, organizations, and jurisdictions may define or utilize these terms differently (for example, EPA and California do not include physical controls within their definitions of "*institutional controls*," Department of Defense and International County/City Management Association use "Land Use Controls." The term "land use restrictions" is used but not defined in the *Brownfields Amendments*).

Actual knowledge – the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

Actual Knowledge Exception – If the user or environmental professional(s) conducting an environmental site assessment has actual knowledge that the information being used from a prior environmental site assessment is not accurate or if it is obvious, based on other information obtained by means of the environmental site assessment or known to the person conducting the environmental site assessment, that the information being used is not accurate, such information from a prior environmental site assessment may not be used.

Adjoining properties – any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

All appropriate inquiry – that inquiry constituting "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in CERCLA, 42 U.S.C §9601(35)(B), that will qualify a party to a commercial real estate transaction for one of threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense. See ASTM E 1527-05, Appendix X1.

Bona fide prospective purchaser liability protection – (42 U.S.C. §9607(r))—a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made "all appropriate inquiries into the previous ownership and uses of the facility in accordance with

generally accepted good commercial and customary standards and practices." Knowledge of contamination resulting from all appropriate inquiry would not generally preclude this liability protection. A person must make all appropriate inquiry on or before the date of purchase. The facility must have been purchased after January 11, 2002. See ASTM E 1527-05, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Business environmental risk – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified in ASTM E 1527-05, Section 13.

Comparison with Subsequent Inquiry – It should not be concluded or assumed that an inquiry was not all appropriate inquiry merely because the inquiry did not identify recognized environmental conditions in connection with a property. Environmental site assessments must be evaluated based on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent environmental site assessments should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Construction debris – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

Contiguous property owner liability protection – (42 U.S.C. §9607(q))—a person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all appropriate inquiry at the time of acquisition of the property and did not know or have reason to know that the property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiry must not result in knowledge of contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the contiguous property owner liability protection. See ASTM E 1527-05, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Continued Viability of Environmental Site Assessment – Subject to ASTM E 1527-05, Section 4.8, an environmental site assessment meeting or exceeding this practice and completed less than

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180 days prior to the date of acquisition[6] of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid.[7] If within this period the assessment will be used by a different user than the user for whom the assessment was originally prepared, the subsequent user must also satisfy the User's Responsibilities in ASTM E 1527-05, Section 6. Subject to Section 4.8 and the User's Responsibilities set forth in ASTM E 1527-05, Section 6, an environmental site assessment meeting or exceeding this practice and for which the information was collected or updated within one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction may be used provided that the following components of the inquiries were conducted or updated within 180 days of the date of purchase or the date of the intended transaction: (i) interviews with owners, operators, and occupants; (ii) searches for recorded environmental cleanup liens; (iii) reviews of federal, tribal, state, and local government records; (iv) visual inspections of the property and of adjoining properties; and (v) the declaration by the environmental professional responsible for the assessment or update.

[6] Under "*All Appropriate Inquiry*" 40 C.F.R. Part 312, EPA defines date of acquisition as the date on which a person acquires title to the *property*.
[7] Subject to meeting the other requirements set forth in this section, for purpose of the *LUR*s, information collected in an assessment conducted prior to the effective date of the federal regulations for *All Appropriate Inquiry* or this practice can be used if the information was generated as a result of procedures that meet or exceed the requirements of the E 1527-97 or -00 standards.

Contractual Issues Regarding Prior Assessment Usage – The contractual and legal obligations between prior and subsequent users of environmental site assessments or between environmental professionals who conducted prior environmental site assessments and those who would like to use such prior environmental site assessments are beyond the scope of this practice.

Data failure – a failure to achieve the historical research objectives in ASTM E 1527-05, §8.3.1 through 8.3.2.2 even after reviewing the standard historical sources in §8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap. See ASTM E 1527-05, 8.3.2.3.

Data gap – a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). See ASTM E 1527-05 §12.7.

Demolition debris – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

Engineering controls (EC) – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property. Engineering controls are a type of activity and use limitation (AUL).

Environmental lien – a charge, security, or encumbrance upon title to a property to secure the

payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§9607(1) & 9607(r) and similar state or local laws.

Environmental professional – a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). See ASTM E 1527-05 Appendix X2. The person may be an independent contractor or an employee of the user.

Fill dirt – dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

Good faith – the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one's obligations in the conduct or transaction concerned.

Hazardous substance – a substance defined as a hazardous substance pursuant to CERCLA 42 U.S.C.§9601(14), as interpreted by EPA regulations and the courts:" (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C.§§6901 et seq.) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)." (See ASTM E 1527-05, Appendix X1.)

Hazardous waste – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901-6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste, at 42 U.S.C. §6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may—(A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential

hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

Hazardous waste/contaminated sites – sites on which a release has occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and that release or suspected release has been reported to a government entity.

Historical recognized environmental condition – an environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. The final decision rests with the environmental professional and will be influenced by the current impact of the historical recognized environmental condition on the property. If a past release of any hazardous substances or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered an historical recognized environmental condition and included in the findings section of the Phase I Environmental Site Assessment report. The environmental professional shall provide an opinion of the current impact on the property of this historical recognized environmental condition in the opinion section of the report. If this historical recognized environmental condition is determined to be a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted, the condition shall be identified as such and listed in the conclusions section of the report.

IC/EC registries – databases of institutional controls or engineering controls that may be maintained by a federal, state, or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of "deed restrictions" (California), environmental real covenants list (Colorado), brownfields site list (Indiana, Missouri, Pennsylvania).

Innocent landowner defense – (42 U.S.C. §§9601(35) & 9607(b)(3)) – a person may qualify as one of three types of innocent landowners: (i) a person who "did not know and had no reason to know" that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who "acquired the facility by inheritance or bequest." To qualify for the first type of innocent landowner LLP, such person must have made all appropriate inquiry on or before the date of purchase. Furthermore, the all appropriate inquiry must not have resulted in knowledge of the contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the innocent landowner defense. See ASTM E 1527-05, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Institutional controls (IC) – a legal or administrative restriction (for example, "deed restrictions,"

restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or ground water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).

Interviews – those portions of ASTM E 1527-05 practice that are contained in Section 10 and 11 thereof and address questions to be asked of past and present owners, operators, and occupants of the property and questions to be asked of local government officials.

Key site manager – the person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property. See ASTM E 1527-05, §10.5.1.

Landowner Liability Protections (LLPs) – landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability. See 42 U.S.C. §§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).

Level of Inquiry is Variable – Not every property will warrant the same level of assessment. Consistent with good commercial or customary practice, the appropriate level of environmental site assessment will be guided by the type of property subject to assessment, the expertise and risk tolerance of the user, and the information developed in the course of the inquiry.

Major occupants – those tenants, subtenants, or other persons or entities each of which uses at least 40 % of the leasable area of the property or any anchor tenant when the property is a shopping center.

Material threat – a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Not Exhaustive – All appropriate inquiry does not mean an exhaustive assessment of a clean property. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an environmental site assessment and the reduction of uncertainty about unknown conditions resulting from additional information.

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Obvious – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the property.

Occupants – those tenants, subtenants, or other persons or entities using the property or a portion of the property.

Operator – the person responsible for the overall operation of a facility.

Owner – generally the fee owner of record of the property.

Petroleum exclusion – the exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: "The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

Petroleum products – those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.[5])

[5] *Standard Definitions of Petroleum Statistics*, American Petroleum Institute, Fourth Edition, 1988.

Practically reviewable – information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip

code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the property, it is not practically reviewable.

Prior Assessment Usage – The ASTM E 1527-05 practice recognizes that environmental site assessments performed in accordance with this practice will include information that subsequent users may want to use to avoid undertaking duplicative assessment procedures. Therefore, this practice describes procedures to be followed to assist users in determining the appropriateness of using information in environmental site assessments performed more than one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction. The system of prior assessment usage is based on the following principles that should be adhered to in addition to the specific procedures set forth elsewhere in the ASTM E 1527-05 practice.

Property – the real property that is the subject of the environmental site assessment described in the ASTM E 1527-05 practice. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

Publicly available – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

Reasonably Ascertainable/Standard Sources – availability of record information varies from information source to information source, including governmental jurisdictions. The user or environmental professional is not obligated to identify, obtain, or review every possible record that might exist with respect to a property. Instead, this practice identifies record information that shall be reviewed from standard sources, and the user or environmental professional is required to review only record information that is reasonably ascertainable to those standard sources. Record information that is reasonable ascertainable means (1) information that is publicly available, (2) information that is obtainable from its source within reasonable time and cost constraints, and (3) information that is practically reviewable.

Reasonable time and cost – information that is obtainable within reasonable time and cost constraints means that the information will be provided by the source within 20 calendar days of receiving a written, telephone, or in-person request at no more than an nominal cost intended to cover the source's cost of retrieving and duplicating the information. Information that can only be reviewed by a visit to the source is reasonably ascertainable if the visit is permitted by the source within 20 days of request.

Recognized environmental conditions – the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in

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compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

Recorded land title records – records of historical fee ownership, which may include leases, land contracts, and AULs on or of the property recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the property that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located, are not considered part of recorded land title records. See ASTM E 1527-05 §8.3.4.4.

Relevant experience (as used in the definition of environmental professional) – participation in the performance of all appropriate inquiries investigations, environmental site assessments, or other site investigations that may include environmental analyses, investigations, and remediation which involve the understanding of surface and subsurface environmental conditions and the processes used to evaluate these conditions and for which professional judgment was used to develop opinions regarding conditions indicative of releases or threatened releases (see 40 CFR §312.1(c)) to the subject property.

Rules of Engagement – The contractual and legal obligations between an environmental professional and a user (and other parties, if any) are outside the scope of this practice. No specific legal relationship between the environmental professional and the user is necessary for the user to meet the requirements of this practice.

Uncertainty Not Eliminated – No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and this practice recognizes reasonable limits of time and cost.

Use of Prior Information – Subject to the requirements set forth in ASTM E 1527-05, Section 4.6, users and environmental professionals may use information in prior environmental site assessments provided such information was generated as a result of procedures that meet or exceed the requirements of this practice. However, such information shall not be used without current investigation of conditions likely to affect recognized environmental conditions in connection with the property. Additional tasks may be necessary to document conditions that may have changed materially since the prior environmental site assessment was conducted.

User – the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has

specific obligations for completing a successful application of this practice as outlined in ASTM E 1527-05, Section 6.

Visually and/or physically observed – during a site visit pursuant to this practice, this term means observations made by vision while walking through a property and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term "walking through" is not meant to imply that disabled persons who cannot physically walk may not conduct a site visit; they may do so by the means at their disposal for moving through the property and the structures located on it.

11.3 Acronyms

ACM – asbestos-containing material
AST – aboveground storage tank
ASTM – American Society for Testing and Materials
AUL – Activity and Use Limitations
bgs – below ground surface
CERCLA – Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 et seq.)
CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA)
CFR – Code of Federal Regulations
CORRACTS – Facilities subject to Corrective Action under RCRA
EA – Environmental assessment
ECRA – Environmental Cleanup Responsibility Act
EDR – Environmental Data Resources, Inc.
EPA – United States Environmental Protection Agency
EPCRA – Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC § 11001 et seq.)
ERNS – Emergency Response Notification System
ESA – Environmental Site Assessment (different than an *environmental compliance audit*, 3.2.27)
FOIA – U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.)
FR – Federal Register
HREC – Historical recognized environmental condition
ICs – Institutional Controls
ISRA – Industrial Site Recovery Act
LBP – Lead-based paint
LLP – Landowner Liability Protections under the *Brownfields Amendments*
LRST – Leaking registered storage tank
LUST – Leaking underground storage tank
MSDS – Material safety data sheet
NCP – National Contingency Plan

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NFRAP – former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES – National Pollutant Discharge Elimination System
NPL – National Priorities List
NVLAP – National Voluntary Laboratory Accreditation Program
OSHA – Occupational Safety and Health Administration
PACM – Presumed asbestos-containing material
PCBs – Polychlorinated biphenyls
PLM – Polarized light microscopy
PRP – Potentially responsible party (pursuant to CERCLA 42 USC § 9607(a))
RCRA – Resource Conservation and Recovery Act (as amended, 42 USC § 6901 et seq.)
RCRIS – Resource Conservation and Recovery Act Information System
REC – Recognized environmental condition
ROC – Record of communication
RST – Registered storage tank
SACM – Suspect asbestos-containing material
SARA – Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)
SIC – Standard Industrial Classification
TEM – Transmission electron microscopy
TSDF – Hazardous waste treatment, storage or disposal facility
USC – United States Code
USEPA –United States Environmental Protection Agency
USGS – United States Geological Survey
UST – Underground storage tank

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ATTACHMENT B
GEOPHYSICAL SURVEY REPORT

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PRIVATE UTILITY LOCATING

Project Summary – PULS, Inc.
Electromagnetic (EM), Ground Penetrating Radar (GPR) Services
Completed for: EBC
Work Location: 417 Dahill road and 1428 Fulton Avenue Brooklyn, NY
Work Completed on 12-16-2011

Scope

The project consisted of two locations: 417 Dahill Road and 1428 Fulton Avenue Brooklyn, NY. PULS was to investigate the sites for any underground utilities or structures.

- 417 Dahill Road involved the scanning of three adjacent lots.
- 1428 Fulton Avenue involved the scanning of the parking lot and interior of the building on the site.

Equipment Used

PULS deployed a combination of Electromagnetic (EM) Utility and (GPR) Ground Penetrating Radar utility locating equipment. Specifically these were:

- (EM): Metrotech 810 A (82 MHz)
- (EM): Radiodetection RD4000 (60, Hz512 Hz, 8KHz, 33KHz, 65KHz)
- (GPR): Mala Geosciences (1600 MHz)

Location 1- 417 Dahill Road, Brooklyn, NJ

There were three (3) lots at this site. For this project these lots are referred to as Lots 1, 2, & 3 (see attached drawing).

Lot 1

These was a parking lot. PULS scanned the lot and found evidence of rebar imbedded in the lot on northeast side. PULS was unable to scan an area near the center of lot due to the presence of a low area filled with water. The GPR unit is unable to scan through standing water.

Lot 2

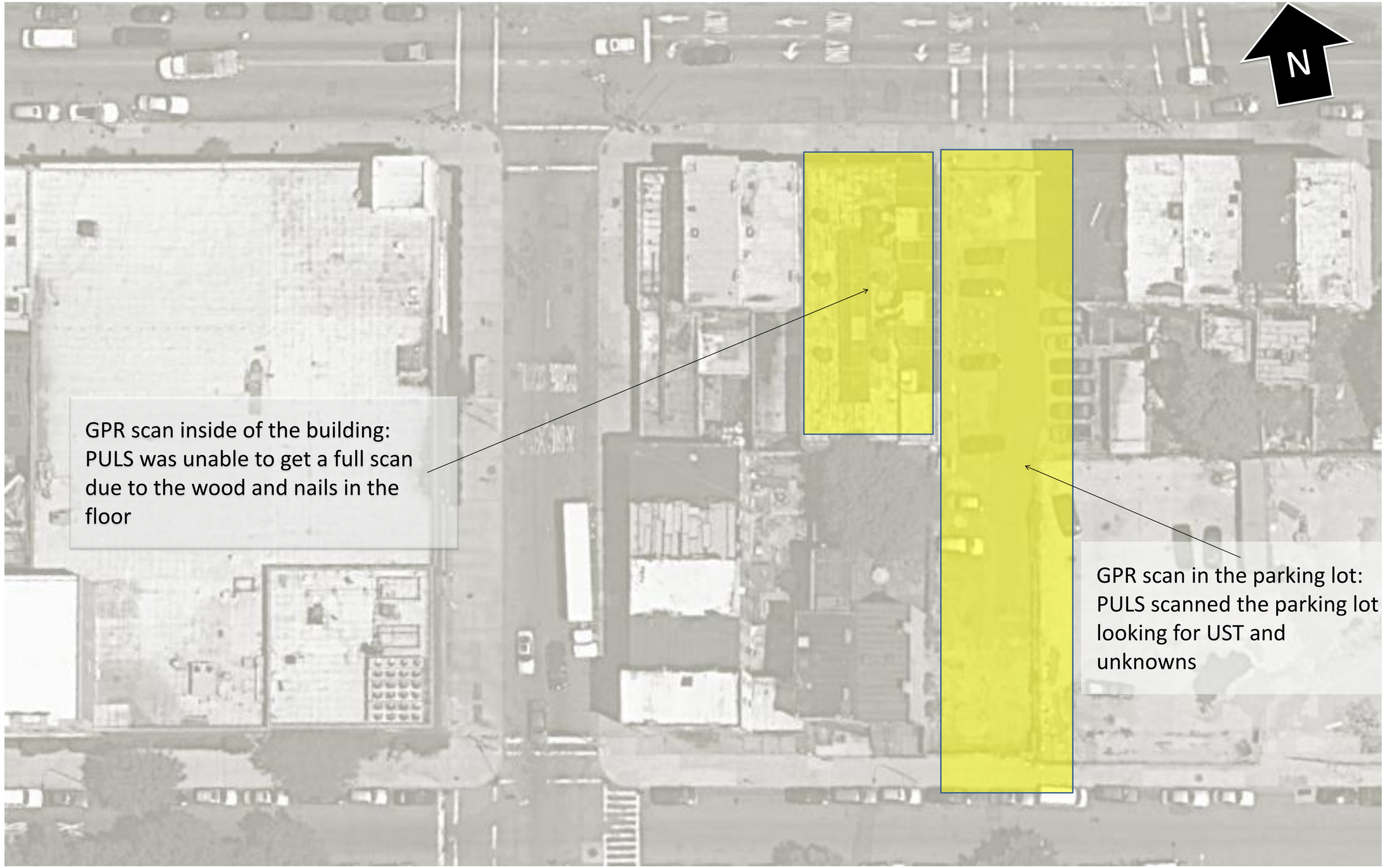
The lot was scanned and at the center of the lot on the east side the potential presence of an underground storage tank (UST). This was marked out by the technician. Inside the building the tech toned out a oil fill cap using EM locating equipment, which lead into the building and to the back wall of the garage. PULS was unable to perform a GPR scan behind the building due to over growth and large debris objects.

Lot 3

The lot was scanned and not underground utilities or structures were found.

Location. 2- 1428 Fulton Avenue, Brooklyn, NJ

PULS arrived on site and scanned the parking lot in a grid pattern looking for any UST's that might be in the ground. No USTs were found. Upon completion the PULS technician was asked to perform a GPR scan inside the building. Once inside the PULS technician determined that the wooden floor and the nails imbedded in the floor would interfere with the GPR scan. The technician informed the EBC representative on site that the GPR could not be completed inside.



PULS
PRIVATE UTILITY LOCATING

DATE
12-16-2011

EBC
1428 Fulton Avenue, Brooklyn, NY

Scale N.T.S.:

Drawn By: SMG

Notes:
EM & GPR Scan

Drawing not to Scale

SHEET NAME

GPR / Utility Plan

SHEET NUMBER

U – 1.2

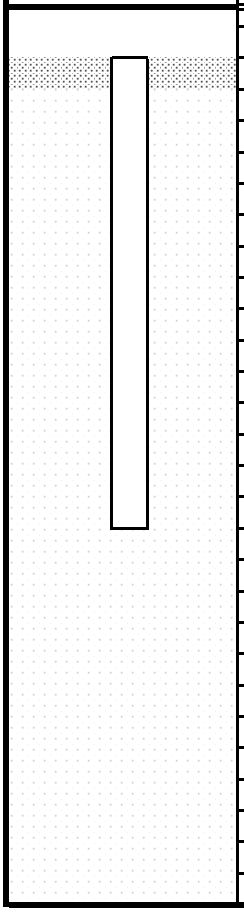
ATTACHMENT C
SOIL BORING LOGS

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB1 Boring Log

Location: Performed in the southern end of the parking lot near Herkimer Street.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: QCP1001	Address: 1426-1438 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	~45 feet		Well Specifications
Date Started: 12/16/2011	Date Completed: 12/16/2011			None
Completion Depth: 15 feet	Geologist Kevin Waters			

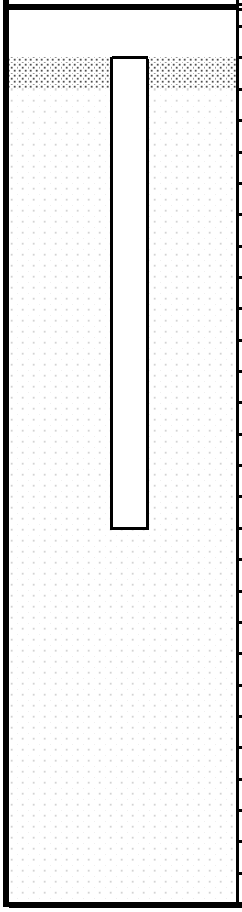
SB1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	27		0.0	27" - Brown silty sand with asphalt and brick fragments (Fill) **Retained Soil Sample SB1(0-2')*
	to 10	20		0.0	20" - Brown silty sand with rock fragments
	to 15	28		0.0	28" - Brown silty sand with rock fragments **Retained Soil Sample SB1(12-14')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB2 Boring Log

Location: Performed in the southern end of parking lot, north of SB1		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: QCP1001	Address: 1426-1438 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	~45 feet		Well Specifications
Date Started: 12/16/2011	Date Completed: 12/16/2011			None
Completion Depth: 15 feet	Geologist Kevin Waters			

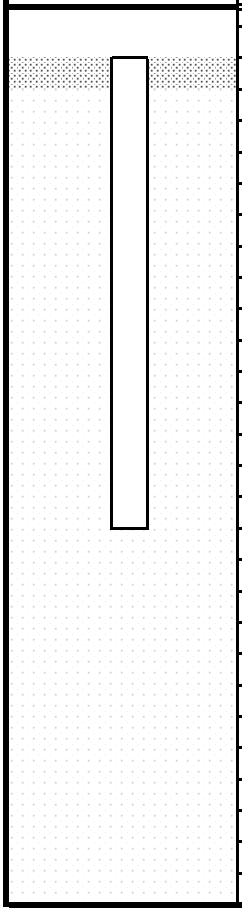
SB2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	51		0.0	20" - Brown silty sand with trace brick fragments (Fill) 18" - Brown silt trace sand 13" - Brown sandy silt **Retained Soil Sample SB2(0-2')*
	to 10	36		0.0	18" - Brown sandy silt 18" - Brown silt trace sand
	to 15	16		0.0	10" - Brown sandy silt 6" - Brown sand with rock fragments and gravel **Retained Soil Sample SB2(12-14')*
					**Collected groundwater sample (GW-1)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB3 Boring Log

Location: Performed in the rear of the night club building (1428 Fulton Street).		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: QCP1001	Address: 1426-1438 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	~45 feet		Well Specifications
Date Started: 12/19/2011	Date Completed: 12/19/2011			None
Completion Depth: 15 feet	Geologist Kevin Waters			

SB3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	28		0.0	2" - Crushed Concrete 4" - Brown sand and gravel 3" - Crushed brick fragments, 2" Crushed concrete 17" - Brown silty sand **Retained Soil Sample SB3(0-2')*
	to 10	16		0.0	7" - Rock fragments 9" - Brown silty sand
	to 15	27		0.0	27" - Brown silty sand with rock fragments **Retained Soil Sample SB3(12-14')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB4 Boring Log

Location: Performed in the front of the night club building (1428 Fulton Street).		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: QCP1001	Address: 1426-1438 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	~45 feet		Well Specifications
Date Started: 12/19/2011	Date Completed: 12/19/2011			None
Completion Depth: 15 feet	Geologist Kevin Waters			

SB4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	16		0.0	9" - Concrete, brick and rock fragments with little sand 7" - Dark brown silty sand **Retained Soil Sample SB4(0-2')*
	to 10	31		0.0	5" - Brown silty sand 26" - Brown sands with silt
	to 15	36		0.0	36" - Brown silty sand with rock fragments **Retained Soil Sample SB4(12-14')*
					**Collected groundwater sample (GW-2)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB5 Boring Log

Location: Performed in the northern portion of the parking lot, near the east side of the 3-story brick building.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: QCP1001	Address: 1426-1438 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	~45 feet		Well Specifications
Date Started: 12/16/2011	Date Completed: 12/16/2011			None
Completion Depth: 25 feet	Geologist Kevin Waters			

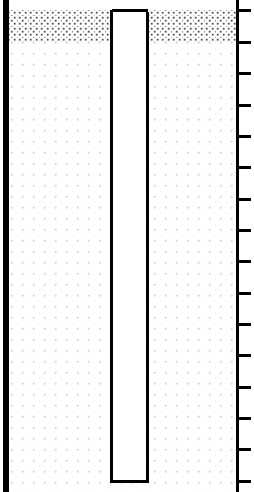
SB5 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	0 to 5	25		0.0	6" - Asphalt, brick in brown silty sand (Fill) 19" - Brown sandy silt **Retained Soil Sample SB5(0-2')*
	5 to 10	28		0.0	28" - Brown silty sand
	10 to 15	26		0.0	12" - Brown silty sand 2" - Brown sand with gravel/rock fragments 12" - Brown sand with some gravel **Retained Soil Sample SB5(12-14')*
	15 to 20	30		0.0	18" - Brown silty sand 12" - Brown sand with some gravel
	20 to 25	20		0.0	20" - Brown silty sand with rock fragments **Retained Soil Sample SB5(21-23')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB6 Boring Log

Location: Performed in the northern portion of the parking lot, just west of the shed.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: QCP1001	Address: 1426-1438 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	~45 feet		Well Specifications
Date Started: 12/16/2011	Date Completed: 12/16/2011			None
Completion Depth: 15 feet	Geologist Kevin Waters			

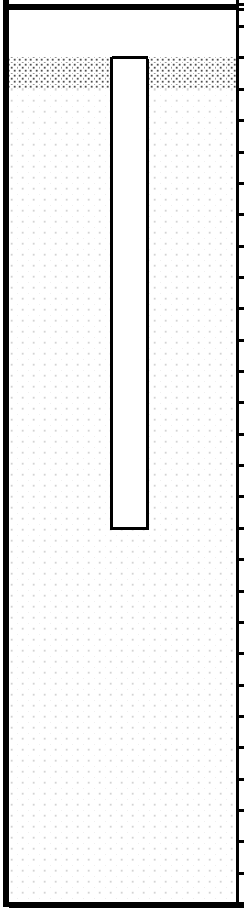
SB6 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	18		0.0	4" - Black asphalt with brick 8" - Brown silty sand (Fill) 6" - Brown silty sand with brick and rock (Fill) **Retained Soil Sample SB6(0-2')*
	to 10	42		0.0	27" - Brown sandy silt 15" - Brown silty sand
	to 15	30		0.0	30" - Brown silty sand with rock fragments **Retained Soil Sample SB6(12-14')*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

SB7 Boring Log

Location: Performed in the northeast corner of the parking lot.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: QCP1001	Address: 1426-1438 Fulton Street, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	~45 feet		Well Specifications
Date Started: 12/16/2011	Date Completed: 12/16/2011			None
Completion Depth: 15 feet	Geologist Kevin Waters			

SB7 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	40		0.0	9" - Black sand with graven and asphalt (Fill) 31" - Brown silt with trace sand **Retained Soil Sample SB7(0-2')*
	to 10	35		0.0	9" - Brown silt 26" - Brown silty sand
	to 15	30		0.0	30" - Brown silty sand with trace rock fragments **Retained Soil Sample SB7(12'-14')*
					**Collected groundwater sample (GW-3)*

ATTACHMENT D
GROUNDWATER SAMPLING LOGS

GROUNDWATER PURGE / SAMPLE LOGS

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: GW1

Date: 12/16/2011

Well Depth (from TOC): 50

Equipment: Stainless Steel Check Valve

Static Water Level (from TOC): 46

Height of Water in Well: 4

Gallons of Water per Well Volume: 0.16

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	Comments
0.00	400ml/min						turbid
10.00	400ml/min	1.1					Clear

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: GW2

Date: 12/16/2011

Well Depth (from TOC): 50

Equipment: Stainless Steel Check Valve

Static Water Level (from TOC): 46

Height of Water in Well: 4

Gallons of Water per Well Volume: 0.16

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	Comments
0.00	400ml/min						turbid
10.00	400ml/min	1.1					Clear

GROUNDWATER PURGE / SAMPLE LOGS

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: GW3

Date: 12/16/2011

Well Depth (from TOC): 50

Equipment: Stainless Steel Check Valve

Static Water Level (from TOC): 46

Height of Water in Well: 4

Gallons of Water per Well Volume: 0.16

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	Comments
0.00	400ml/min						turbid
10.00	400ml/min	1.1					Clear

ATTACHMENT E
SOIL GAS SAMPLING LOGS

4°C

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

Pg 1 of 1

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

Report to: EBC
Address: 1808 Middle Country Rd Ridge NY
Project Mgr: Kevin Brussee
Phone # 631 504 6000

Invoice to: Same
Address:
P.O. #
Quote #

Project Name: 1426 Fulton St
Location: 1426 Fulton St
State: NY
Sampled by: K Waters

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)		TO-14	TO-15				Is Canister Returned Unused? Y/N
		LAB USE ONLY											MATRIX				ANALYSES					
14032	VP1	230	6.0	-30	-28	4957	~40	1145	1345	12-20	-29	-5		X				X				N
14033	VP3	352	↓	↓	-27	4985	↓	1130	1330	12-20	-29	-5		X				X				N
14034	VP2	222	↓	↓	0	4988	↓	1125	1325	12-20	-29	0		X				X				N

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12-21	955
[signature]	Brittany Harbee	12-21	16:50

Criteria Requested:
Deliverable:
RCP ☐
MCP ☐
State where samples collected: NY

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

5 day TAT

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:

ATTACHMENT F

LABORATORY REPORTS IN DIGITAL FORMAT

PHOENIX
Environmental Laboratories, Inc.

Thursday, December 29, 2011

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

Project ID: 1426 FULTON ST
Sample ID#s: BB14032 - BB14034

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

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

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 29, 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:	KW	12/20/11	13:45
Location Code:	EBC | VP	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14032
Phoenix ID: BB14032

Project ID: 1426 FULTON ST

Client ID: VP1

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*	12/27/11	KCA	TO15
1,1,1-Trichloroethane	0.19	*0.183*	1.04	*1.0*	12/27/11	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/27/11	KCA	TO15
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.0*	12/27/11	KCA	TO15
1,1-Dichloroethane	ND	*0.247*	ND	*1.0*	12/27/11	KCA	TO15
1,1-Dichloroethene	ND	*0.252*	ND	*1.0*	12/27/11	KCA	TO15
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.0*	12/27/11	KCA	TO15
1,2,4-Trimethylbenzene	0.35	*0.204*	1.72	*1.0*	12/27/11	KCA	TO15
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.0*	12/27/11	KCA	TO15
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/27/11	KCA	TO15
1,2-Dichloroethane	ND	*0.247*	ND	*1.0*	12/27/11	KCA	TO15
1,2-dichloropropane	ND	*0.216*	ND	*1.0*	12/27/11	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.0*	12/27/11	KCA	TO15
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.0*	12/27/11	KCA	TO15
1,3-Butadiene	ND	*0.452*	ND	*1.0*	12/27/11	KCA	TO15
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/27/11	KCA	TO15
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/27/11	KCA	TO15
1,4-Dioxane	ND	*0.278*	ND	*1.0*	12/27/11	KCA	TO15
2-Hexanone(MBK)	ND	*0.244*	ND	*1.0*	12/27/11	KCA	TO15
4-Ethyltoluene	0.4	*0.204*	1.96	*1.0*	12/27/11	KCA	TO15
4-Isopropyltoluene	ND	*0.182*	ND	*1.0*	12/27/11	KCA	TO15
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.0*	12/27/11	KCA	TO15
Acetone	42.8	*0.421*	102	*1.0*	12/27/11	KCA	TO15
Acrylonitrile	ND	*0.461*	ND	*1.0*	12/27/11	KCA	TO15
Benzene	3.83	*0.313*	12.2	*1.0*	12/27/11	KCA	TO15
Benzyl chloride	ND	*0.193*	ND	*1.0*	12/27/11	KCA	TO15

Project ID: 1426 FULTON ST
Client ID: VP1

Phoenix I.D.: BB14032

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Bromodichloromethane	ND	*0.149*	ND	*1.0*	12/27/11	KCA	TO15
Bromoform	ND	*0.097*	ND	*1.0*	12/27/11	KCA	TO15
Bromomethane	ND	*0.258*	ND	*1.0*	12/27/11	KCA	TO15
Carbon Disulfide	0.35	*0.321*	1.09	*1.0*	12/27/11	KCA	TO15
Carbon Tetrachloride	0.06	*0.040*	0.377	*0.25*	12/27/11	KCA	TO15
Chlorobenzene	ND	*0.217*	ND	*1.0*	12/27/11	KCA	TO15
Chloroethane	ND	*0.379*	ND	*1.0*	12/27/11	KCA	TO15
Chloroform	1.94	*0.205*	9.47	*1.0*	12/27/11	KCA	TO15
Chloromethane	ND	*0.484*	ND	*1.0*	12/27/11	KCA	TO15
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/27/11	KCA	TO15
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/27/11	KCA	TO15
Cyclohexane	0.66	*0.291*	2.27	*1.0*	12/27/11	KCA	TO15
Dibromochloromethane	ND	*0.117*	ND	*1.0*	12/27/11	KCA	TO15
Dichlorodifluoromethane	0.67	*0.202*	3.31	*1.0*	12/27/11	KCA	TO15
Ethanol	5.33	*0.531*	10.0	*1.0*	12/27/11	KCA	TO15
Ethyl acetate	ND	*0.278*	ND	*1.0*	12/27/11	KCA	TO15
Ethylbenzene	2.58	*0.230*	11.2	*1.0*	12/27/11	KCA	TO15
Heptane	2.39	*0.244*	9.79	*1.0*	12/27/11	KCA	TO15
Hexachlorobutadiene	ND	*0.094*	ND	*1.0*	12/27/11	KCA	TO15
Hexane	4.24	*0.284*	14.9	*1.0*	12/27/11	KCA	TO15
Isopropylalcohol	ND	*0.407*	ND	*1.0*	12/27/11	KCA	TO15
Isopropylbenzene	ND	*0.204*	ND	*1.0*	12/27/11	KCA	TO15
m,p-Xylene	6.06	*0.230*	26.3	*1.0*	12/27/11	KCA	TO15
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.0*	12/27/11	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.0*	12/27/11	KCA	TO15
Methylene Chloride	5.43	*0.288*	18.8	*1.0*	12/27/11	KCA	TO15
n-Butylbenzene	ND	*0.182*	ND	*1.0*	12/27/11	KCA	TO15
o-Xylene	1.2	*0.230*	5.21	*1.0*	12/27/11	KCA	TO15
Propylene	25.9	*0.581*	44.5	*1.0*	12/27/11	KCA	TO15
sec-Butylbenzene	ND	*0.182*	ND	*1.0*	12/27/11	KCA	TO15
Styrene	0.34	*0.235*	1.45	*1.0*	12/27/11	KCA	TO15
Tetrachloroethene	1.17	*0.037*	7.93	*0.25*	12/27/11	KCA	TO15
Tetrahydrofuran	3.6	*0.339*	10.6	*1.0*	12/27/11	KCA	TO15
Toluene	20.9	*0.266*	78.7	*1.0*	12/27/11	KCA	TO15
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/27/11	KCA	TO15
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/27/11	KCA	TO15
Trichloroethene	0.84	*0.047*	4.51	*0.25*	12/27/11	KCA	TO15
Trichlorofluoromethane	0.38	*0.178*	2.13	*1.0*	12/27/11	KCA	TO15
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.0*	12/27/11	KCA	TO15
Vinyl Chloride	ND	*0.098*	ND	*0.25*	12/27/11	KCA	TO15
QA/QC Surrogates							
% Bromofluorobenzene	102	*%*	102	*%*	12/27/11	KCA	70 - 130 %

Project ID: 1426 FULTON ST

Client ID: VP1

Phoenix I.D.: BB14032

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

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Phyllis Shiller, Laboratory Director

December 29, 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 29, 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:	KW	12/20/11	13:30
Location Code:	EBC | VP	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14032
Phoenix ID: BB14033

Project ID: 1426 FULTON ST

Client ID: VP3

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*	12/27/11	KCA	TO15
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.0*	12/27/11	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/27/11	KCA	TO15
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.0*	12/27/11	KCA	TO15
1,1-Dichloroethane	ND	*0.247*	ND	*1.0*	12/27/11	KCA	TO15
1,1-Dichloroethene	ND	*0.252*	ND	*1.0*	12/27/11	KCA	TO15
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.0*	12/27/11	KCA	TO15
1,2,4-Trimethylbenzene	0.36	*0.204*	1.77	*1.0*	12/27/11	KCA	TO15
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.0*	12/27/11	KCA	TO15
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/27/11	KCA	TO15
1,2-Dichloroethane	ND	*0.247*	ND	*1.0*	12/27/11	KCA	TO15
1,2-dichloropropane	ND	*0.216*	ND	*1.0*	12/27/11	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.0*	12/27/11	KCA	TO15
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.0*	12/27/11	KCA	TO15
1,3-Butadiene	ND	*0.452*	ND	*1.0*	12/27/11	KCA	TO15
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/27/11	KCA	TO15
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/27/11	KCA	TO15
1,4-Dioxane	ND	*0.278*	ND	*1.0*	12/27/11	KCA	TO15
2-Hexanone(MBK)	ND	*0.244*	ND	*1.0*	12/27/11	KCA	TO15
4-Ethyltoluene	0.32	*0.204*	1.57	*1.0*	12/27/11	KCA	TO15
4-Isopropyltoluene	ND	*0.182*	ND	*1.0*	12/27/11	KCA	TO15
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.0*	12/27/11	KCA	TO15
Acetone	50.3	*0.421*	119	*1.0*	12/27/11	KCA	TO15
Acrylonitrile	ND	*0.461*	ND	*1.0*	12/27/11	KCA	TO15
Benzene	8.09	*0.313*	25.8	*1.0*	12/27/11	KCA	TO15
Benzyl chloride	ND	*0.193*	ND	*1.0*	12/27/11	KCA	TO15

Project ID: 1426 FULTON ST
Client ID: VP3

Phoenix I.D.: BB14033

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Bromodichloromethane	ND	*0.149*	ND	*1.0*	12/27/11	KCA	TO15
Bromoform	ND	*0.097*	ND	*1.0*	12/27/11	KCA	TO15
Bromomethane	ND	*0.258*	ND	*1.0*	12/27/11	KCA	TO15
Carbon Disulfide	2.36	*0.321*	7.34	*1.0*	12/27/11	KCA	TO15
Carbon Tetrachloride	0.07	*0.040*	0.440	*0.25*	12/27/11	KCA	TO15
Chlorobenzene	ND	*0.217*	ND	*1.0*	12/27/11	KCA	TO15
Chloroethane	ND	*0.379*	ND	*1.0*	12/27/11	KCA	TO15
Chloroform	0.26	*0.205*	1.27	*1.0*	12/27/11	KCA	TO15
Chloromethane	ND	*0.484*	ND	*1.0*	12/27/11	KCA	TO15
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/27/11	KCA	TO15
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/27/11	KCA	TO15
Cyclohexane	ND	*0.291*	ND	*1.0*	12/27/11	KCA	TO15
Dibromochloromethane	ND	*0.117*	ND	*1.0*	12/27/11	KCA	TO15
Dichlorodifluoromethane	0.55	*0.202*	2.72	*1.0*	12/27/11	KCA	TO15
Ethanol	6.58	*0.531*	12.4	*1.0*	12/27/11	KCA	TO15
Ethyl acetate	ND	*0.278*	ND	*1.0*	12/27/11	KCA	TO15
Ethylbenzene	1.66	*0.230*	7.20	*1.0*	12/27/11	KCA	TO15
Heptane	4.83	*0.244*	19.8	*1.0*	12/27/11	KCA	TO15
Hexachlorobutadiene	ND	*0.094*	ND	*1.0*	12/27/11	KCA	TO15
Hexane	12.8	*0.284*	45.1	*1.0*	12/27/11	KCA	TO15
Isopropylalcohol	ND	*0.407*	ND	*1.0*	12/27/11	KCA	TO15
Isopropylbenzene	ND	*0.204*	ND	*1.0*	12/27/11	KCA	TO15
m,p-Xylene	3.85	*0.230*	16.7	*1.0*	12/27/11	KCA	TO15
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.0*	12/27/11	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.0*	12/27/11	KCA	TO15
Methylene Chloride	2.42	*0.288*	8.40	*1.0*	12/27/11	KCA	TO15
n-Butylbenzene	ND	*0.182*	ND	*1.0*	12/27/11	KCA	TO15
o-Xylene	0.81	*0.230*	3.52	*1.0*	12/27/11	KCA	TO15
Propylene	129	*0.581*	222	*1.0*	12/27/11	KCA	TO15
sec-Butylbenzene	ND	*0.182*	ND	*1.0*	12/27/11	KCA	TO15
Styrene	0.3	*0.235*	1.28	*1.0*	12/27/11	KCA	TO15
Tetrachloroethene	0.11	*0.037*	0.746	*0.25*	12/27/11	KCA	TO15
Tetrahydrofuran	4.49	*0.339*	13.2	*1.0*	12/27/11	KCA	TO15
Toluene	19.5	*0.266*	73.4	*1.0*	12/27/11	KCA	TO15
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/27/11	KCA	TO15
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/27/11	KCA	TO15
Trichloroethene	0.1	*0.047*	0.537	*0.25*	12/27/11	KCA	TO15
Trichlorofluoromethane	0.26	*0.178*	1.46	*1.0*	12/27/11	KCA	TO15
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.0*	12/27/11	KCA	TO15
Vinyl Chloride	ND	*0.098*	ND	*0.25*	12/27/11	KCA	TO15
QA/QC Surrogates							
% Bromofluorobenzene	102	*%*	102	*%*	12/27/11	KCA	70 - 130 %

Project ID: 1426 FULTON ST

Phoenix I.D.: BB14033

Client ID: VP3

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

Comments:

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Phyllis Shiller, Laboratory Director

December 29, 2011

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 29, 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:	KW	12/20/11	13:25
Location Code:	EBC | VP	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14032
Phoenix ID: BB14034

Project ID: 1426 FULTON ST

Client ID: VP2

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*	12/27/11	KCA	TO15
1,1,1-Trichloroethane	0.39	*0.183*	2.13	*1.0*	12/27/11	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.0*	12/27/11	KCA	TO15
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.0*	12/27/11	KCA	TO15
1,1-Dichloroethane	ND	*0.247*	ND	*1.0*	12/27/11	KCA	TO15
1,1-Dichloroethene	ND	*0.252*	ND	*1.0*	12/27/11	KCA	TO15
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.0*	12/27/11	KCA	TO15
1,2,4-Trimethylbenzene	0.48	*0.204*	2.36	*1.0*	12/27/11	KCA	TO15
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.0*	12/27/11	KCA	TO15
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/27/11	KCA	TO15
1,2-Dichloroethane	ND	*0.247*	ND	*1.0*	12/27/11	KCA	TO15
1,2-dichloropropane	ND	*0.216*	ND	*1.0*	12/27/11	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.0*	12/27/11	KCA	TO15
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.0*	12/27/11	KCA	TO15
1,3-Butadiene	ND	*0.452*	ND	*1.0*	12/27/11	KCA	TO15
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/27/11	KCA	TO15
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.0*	12/27/11	KCA	TO15
1,4-Dioxane	ND	*0.278*	ND	*1.0*	12/27/11	KCA	TO15
2-Hexanone(MBK)	ND	*0.244*	ND	*1.0*	12/27/11	KCA	TO15
4-Ethyltoluene	0.46	*0.204*	2.26	*1.0*	12/27/11	KCA	TO15
4-Isopropyltoluene	ND	*0.182*	ND	*1.0*	12/27/11	KCA	TO15
4-Methyl-2-pentanone(MIBK)	0.43	*0.244*	1.76	*1.0*	12/27/11	KCA	TO15
Acetone	36.5	*0.421*	86.6	*1.0*	12/27/11	KCA	TO15
Acrylonitrile	ND	*0.461*	ND	*1.0*	12/27/11	KCA	TO15
Benzene	2.78	*0.313*	8.88	*1.0*	12/27/11	KCA	TO15
Benzyl chloride	ND	*0.193*	ND	*1.0*	12/27/11	KCA	TO15

Project ID: 1426 FULTON ST
Client ID: VP2

Phoenix I.D.: BB14034

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date	By	Reference
Bromodichloromethane	ND	*0.149*	ND	*1.0*	12/27/11	KCA	TO15
Bromoform	ND	*0.097*	ND	*1.0*	12/27/11	KCA	TO15
Bromomethane	ND	*0.258*	ND	*1.0*	12/27/11	KCA	TO15
Carbon Disulfide	2.49	*0.321*	7.75	*1.0*	12/27/11	KCA	TO15
Carbon Tetrachloride	0.09	*0.040*	0.566	*0.25*	12/27/11	KCA	TO15
Chlorobenzene	ND	*0.217*	ND	*1.0*	12/27/11	KCA	TO15
Chloroethane	ND	*0.379*	ND	*1.0*	12/27/11	KCA	TO15
Chloroform	2.45	*0.205*	12.0	*1.0*	12/27/11	KCA	TO15
Chloromethane	ND	*0.484*	ND	*1.0*	12/27/11	KCA	TO15
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/27/11	KCA	TO15
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/27/11	KCA	TO15
Cyclohexane	0.59	*0.291*	2.03	*1.0*	12/27/11	KCA	TO15
Dibromochloromethane	ND	*0.117*	ND	*1.0*	12/27/11	KCA	TO15
Dichlorodifluoromethane	0.63	*0.202*	3.11	*1.0*	12/27/11	KCA	TO15
Ethanol	8.49	*0.531*	16.0	*1.0*	12/27/11	KCA	TO15
Ethyl acetate	ND	*0.278*	ND	*1.0*	12/27/11	KCA	TO15
Ethylbenzene	1.98	*0.230*	8.59	*1.0*	12/27/11	KCA	TO15
Heptane	1.32	*0.244*	5.41	*1.0*	12/27/11	KCA	TO15
Hexachlorobutadiene	ND	*0.094*	ND	*1.0*	12/27/11	KCA	TO15
Hexane	3.56	*0.284*	12.5	*1.0*	12/27/11	KCA	TO15
Isopropylalcohol	ND	*0.407*	ND	*1.0*	12/27/11	KCA	TO15
Isopropylbenzene	ND	*0.204*	ND	*1.0*	12/27/11	KCA	TO15
m,p-Xylene	4.82	*0.230*	20.9	*1.0*	12/27/11	KCA	TO15
Methyl Ethyl Ketone	5.11	*0.339*	15.1	*1.0*	12/27/11	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.0*	12/27/11	KCA	TO15
Methylene Chloride	5.32	*0.288*	18.5	*1.0*	12/27/11	KCA	TO15
n-Butylbenzene	ND	*0.182*	ND	*1.0*	12/27/11	KCA	TO15
o-Xylene	1.08	*0.230*	4.69	*1.0*	12/27/11	KCA	TO15
Propylene	23.5	*0.581*	40.4	*1.0*	12/27/11	KCA	TO15
sec-Butylbenzene	ND	*0.182*	ND	*1.0*	12/27/11	KCA	TO15
Styrene	0.43	*0.235*	1.83	*1.0*	12/27/11	KCA	TO15
Tetrachloroethene	2.77	*0.037*	18.8	*0.25*	12/27/11	KCA	TO15
Tetrahydrofuran	5.07	*0.339*	14.9	*1.0*	12/27/11	KCA	TO15
Toluene	12.5	*0.266*	47.1	*1.0*	12/27/11	KCA	TO15
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.0*	12/27/11	KCA	TO15
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.0*	12/27/11	KCA	TO15
Trichloroethene	1.9	*0.047*	10.2	*0.25*	12/27/11	KCA	TO15
Trichlorofluoromethane	0.27	*0.178*	1.52	*1.0*	12/27/11	KCA	TO15
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.0*	12/27/11	KCA	TO15
Vinyl Chloride	ND	*0.098*	ND	*0.25*	12/27/11	KCA	TO15
QA/QC Surrogates							
% Bromofluorobenzene	102	*%*	102	*%*	12/27/11	KCA	70 - 130 %

Project ID: 1426 FULTON ST

Phoenix I.D.: BB14034

Client ID: VP2

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

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Phyllis Shiller, Laboratory Director

December 29, 2011

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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 29, 2011

QA/QC Data

SDG I.D.: GBB14032

QA/QC Batch 191593, QC Sample No: BB14034 (BB14032, BB14033, BB14034)

Volatiles -

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
1,1,1,2-Tetrachloroethane	ND		114	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND		92	2.13	2.13	0.39	0.39	0.0	70 - 130	20
1,1,2,2-Tetrachloroethane	ND		97	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND		82	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND		86	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND		82	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND		94	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND		103	2.36	2.01	0.48	0.41	15.7	70 - 130	20
1,2-Dibromoethane(EDB)	ND		81	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND		95	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND		84	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND		84	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND		86	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND		120	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND		98	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND		98	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND		97	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND		99	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND		86	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND		108	2.26	2.26	0.46	0.46	0.0	70 - 130	20
4-Isopropyltoluene	ND		115	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND		83	1.76	1.60	0.43	0.39	9.8	70 - 130	20
Acetone	ND		75	86.6	85.9	36.5	36.2	0.8	70 - 130	20
Acrylonitrile	ND		102	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND		113	8.88	8.75	2.78	2.74	1.4	70 - 130	20
Benzyl chloride	ND		106	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND		73	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND		85	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND		89	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND		91	7.75	7.75	2.49	2.49	0.0	70 - 130	20
Carbon Tetrachloride	ND		94	0.566	0.566	0.09	0.09	0.0	70 - 130	20
Chlorobenzene	ND		109	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND		91	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND		93	12.0	11.9	2.45	2.44	0.4	70 - 130	20
Chloromethane	ND		92	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND		88	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND		89	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND		116	2.03	1.93	0.59	0.56	5.2	70 - 130	20
Dibromochloromethane	ND		76	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND		86	3.11	3.16	0.63	0.64	1.6	70 - 130	20
Ethanol	ND		66	16.0	16.0	8.49	8.50	0.1	70 - 130	20

QA/QC Data

SDG I.D.: GBB14032

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
Ethyl acetate	ND		>140	ND	ND	ND	ND	NC	70 - 130	20	I
Ethylbenzene	ND		117	8.59	8.55	1.98	1.97	0.5	70 - 130	20	
Heptane	ND		71	5.41	5.28	1.32	1.29	2.3	70 - 130	20	
Hexachlorobutadiene	ND		94	ND	ND	ND	ND	NC	70 - 130	20	
Hexane	ND		114	12.5	10.8	3.56	3.08	14.5	70 - 130	20	
Isopropylalcohol	ND		97	ND	ND	ND	ND	NC	70 - 130	20	
Isopropylbenzene	ND		118	ND	ND	ND	ND	NC	70 - 130	20	
m,p-Xylene	ND		105	20.9	20.5	4.82	4.72	2.1	70 - 130	20	
Methyl Ethyl Ketone	ND		79	15.1	14.6	5.11	4.95	3.2	70 - 130	20	
Methyl tert-butyl ether(MTBE)	ND		100	ND	ND	ND	ND	NC	70 - 130	20	
Methylene Chloride	ND		83	18.5	5.73	5.32	1.65	105.3	70 - 130	20	
n-Butylbenzene	ND		109	ND	ND	ND	ND	NC	70 - 130	20	
o-Xylene	ND		106	4.69	4.51	1.08	1.04	3.8	70 - 130	20	
Propylene	ND		106	40.4	40.9	23.5	23.8	1.3	70 - 130	20	
sec-Butylbenzene	ND		>140	ND	ND	ND	ND	NC	70 - 130	20	I
Styrene	ND		121	1.83	1.74	0.43	0.41	4.8	70 - 130	20	
Tetrachloroethene	ND		92	18.8	18.0	2.77	2.65	4.4	70 - 130	20	
Tetrahydrofuran	ND		108	14.9	15.1	5.07	5.12	1.0	70 - 130	20	
Toluene	ND		102	47.1	47.1	12.5	12.5	0.0	70 - 130	20	
Trans-1,2-Dichloroethene	ND		87	ND	ND	ND	ND	NC	70 - 130	20	
trans-1,3-Dichloropropene	ND		88	ND	ND	ND	ND	NC	70 - 130	20	
Trichloroethene	ND		94	10.2	10.0	1.90	1.87	1.6	70 - 130	20	
Trichlorofluoromethane	ND		75	1.52	1.52	0.27	0.27	0.0	70 - 130	20	
Trichlorotrifluoroethane	ND		90	ND	ND	ND	ND	NC	70 - 130	20	
Vinyl Chloride	ND		96	ND	ND	ND	ND	NC	70 - 130	20	
% Bromofluorobenzene	109		98	102	101	102	101	1.0	70 - 130	20	

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

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

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

Phyllis Shiller, Laboratory Director
December 29, 2011

4°C

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

Pg 1 of 1

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

Report to: EBC
Address: 1808 Middle Country Rd Ridge NY
Project Mgr: Kevin Brussee
Phone # 631 504 6000

Invoice to: Same
Address:
P.O. #
Quote #

Project Name: 1426 Fulton St
Location: 1426 Fulton St
State: NY
Sampled by: K Waters

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)		TO-14	TO-15				Is Canister Returned Unused? Y/N
		LAB USE ONLY											MATRIX				ANALYSES					
14032	VP1	230	6.0	-30	-28	4957	~40	1145	1345	12-20	-29	-5		X				X				N
14033	VP3	352	↓	↓	-27	4985	↓	1130	1330	12-20	-29	-5		X				X				N
14034	VP2	222	↓	↓	0	4988	↓	1125	1325	12-20	-29	0		X				X				N

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12-21	955
[signature]	Brittany Harbee	12-21	16:50

Criteria Requested:
Deliverable:
RCP ☐
MCP ☐
State where samples collected: NY

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

5 day TAT

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.

Wednesday, January 11, 2012

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

Project ID: 1426 FULTON ST
Sample ID#s: BB14035 - BB14055

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

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

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

January 11, 2012

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:		12/16/11	9:30
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14035

Project ID: 1426 FULTON ST

Client ID: SB1 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	7020	53	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	3.96	0.71	mg/Kg	01/02/12		LK	6010/200.7
Barium	230	0.35	mg/Kg	01/02/12		LK	6010/200.7
Beryllium	0.35	0.28	mg/Kg	01/02/12		LK	6010/200.7
Calcium	37000	53	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	1.35	0.35	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	5.99	0.35	mg/Kg	01/02/12		LK	6010/200.7
Chromium	23.7	0.35	mg/Kg	01/02/12		LK	6010/200.7
Copper	63.3	0.35	mg/kg	01/03/12		EK	6010/200.7
Iron	18400	53	mg/Kg	01/03/12		LK	6010/200.7
Mercury	0.25	0.06	mg/Kg	12/22/11		RS	SW-7471
Potassium	830	5.3	mg/Kg	01/02/12		LK	6010/200.7
Magnesium	3420	5.3	mg/Kg	01/02/12		LK	6010/200.7
Manganese	299	3.5	mg/Kg	01/03/12		LK	6010/200.7
Sodium	169	5.3	mg/Kg	01/02/12		LK	6010/200.7
Nickel	17.0	0.35	mg/Kg	01/02/12		LK	6010/200.7
Lead	489	3.5	mg/Kg	01/03/12		LK	6010/200.7
Antimony	< 3.5	3.5	mg/Kg	01/02/12		LK	6010/200.7
Selenium	< 1.4	1.4	mg/Kg	01/02/12		LK	6010/200.7
Thallium	< 3.2	3.2	mg/Kg	01/02/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	34.8	0.35	mg/Kg	01/02/12		LK	6010/200.7
Zinc	398	3.5	mg/Kg	01/03/12		LK	6010/200.7
Percent Solid	94		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB1 (0-2)

Phoenix I.D.: BB14035

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	350	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	111		%	12/22/11		MH	30 - 150 %
% TCMX	82		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	34	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	17	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	53	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	17	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	34	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	10	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	170	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	170	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	75		%	12/23/11		KCA	30 - 150 %
% TCMX	82		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB1 (0-2)

Phoenix I.D.: BB14035

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB1 (0-2)

Phoenix I.D.: BB14035

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	94		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	101		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	100		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
1,2-Dichlorobenzene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
1,3-Dichlorobenzene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
1,4-Dichlorobenzene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2,4-Dichlorophenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2,4-Dimethylphenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrophenol	ND	2800	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrotoluene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2,6-Dinitrotoluene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2-Chloronaphthalene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2-Chlorophenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2-Methylnaphthalene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2-Nitroaniline	ND	2800	ug/Kg	12/23/11		DD	SW 8270
2-Nitrophenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1700	ug/Kg	12/23/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	1200	ug/Kg	12/23/11		DD	SW 8270
3-Nitroaniline	ND	2800	ug/Kg	12/23/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	5100	ug/Kg	12/23/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	1700	ug/Kg	12/23/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
4-Chloroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	1200	ug/Kg	12/23/11		DD	SW 8270
4-Nitroaniline	ND	2800	ug/Kg	12/23/11		DD	SW 8270
4-Nitrophenol	ND	5100	ug/Kg	12/23/11		DD	SW 8270
Acenaphthene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Acenaphthylene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Acetophenone	ND	1200	ug/Kg	12/23/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB1 (0-2)

Phoenix I.D.: BB14035

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	5100	ug/Kg	12/23/11		DD	SW 8270
Anthracene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Azobenzene	ND	1700	ug/Kg	12/23/11		DD	SW 8270
Benz(a)anthracene	3300	1200	ug/Kg	12/23/11		DD	SW 8270
Benzidine	ND	2100	ug/Kg	12/23/11		DD	SW 8270
Benzo(a)pyrene	3000	1200	ug/Kg	12/23/11		DD	SW 8270
Benzo(b)fluoranthene	3900	1200	ug/Kg	12/23/11		DD	SW 8270
Benzo(ghi)perylene	2000	1200	ug/Kg	12/23/11		DD	SW 8270
Benzo(k)fluoranthene	1400	1200	ug/Kg	12/23/11		DD	SW 8270
Benzoic acid	ND	5100	ug/Kg	12/23/11		DD	SW 8270
Benzyl butyl phthalate	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	1700	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Carbazole	ND	2600	ug/Kg	12/23/11		DD	SW 8270
Chrysene	3300	1200	ug/Kg	12/23/11		DD	SW 8270
Dibenz(a,h)anthracene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Dibenzofuran	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Diethyl phthalate	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Dimethylphthalate	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Di-n-butylphthalate	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Di-n-octylphthalate	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Fluoranthene	5800	1200	ug/Kg	12/23/11		DD	SW 8270
Fluorene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobenzene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobutadiene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Hexachloroethane	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	1500	1200	ug/Kg	12/23/11		DD	SW 8270
Isophorone	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Naphthalene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Nitrobenzene	ND	1200	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodimethylamine	ND	1700	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	1200	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	1700	ug/Kg	12/23/11		DD	SW 8270
Pentachloronitrobenzene	ND	1700	ug/Kg	12/23/11		DD	SW 8270
Pentachlorophenol	ND	1700	ug/Kg	12/23/11		DD	SW 8270
Phenanthrene	4600	1200	ug/Kg	12/23/11		DD	SW 8270
Phenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
Pyrene	5500	1200	ug/Kg	12/23/11		DD	SW 8270
Pyridine	ND	1700	ug/Kg	12/23/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	116		%	12/23/11		DD	15 - 130 %
% 2-Fluorobiphenyl	86		%	12/23/11		DD	15 - 130 %
% 2-Fluorophenol	82		%	12/23/11		DD	15 - 130 %
% Nitrobenzene-d5	83		%	12/23/11		DD	15 - 130 %
% Phenol-d5	82		%	12/23/11		DD	15 - 130 %
% Terphenyl-d14	80		%	12/23/11		DD	15 - 130 %

Project ID: 1426 FULTON ST

Client ID: SB1 (0-2)

Phoenix I.D.: BB14035

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* 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.

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

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

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Phyllis Shiller, Laboratory Director

January 11, 2012

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

January 11, 2012

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:		12/16/11	9:40
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14036

Project ID: 1426 FULTON ST

Client ID: SB1 (12-14)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	6780	53	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.71	0.71	mg/Kg	01/02/12		LK	6010/200.7
Barium	52.1	0.35	mg/Kg	01/02/12		LK	6010/200.7
Beryllium	0.80	0.28	mg/Kg	01/02/12		LK	6010/200.7
Calcium	953	53	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	< 3.5	3.5	mg/Kg	01/03/12		LK	6010/200.7
Cobalt	5.67	0.35	mg/Kg	01/02/12		LK	6010/200.7
Chromium	16.0	0.35	mg/Kg	01/02/12		LK	6010/200.7
Copper	152	3.5	mg/kg	01/03/12		EK	6010/200.7
Iron	16800	53	mg/Kg	01/03/12		LK	6010/200.7
Mercury	< 0.08	0.08	mg/Kg	12/22/11		RS	SW-7471
Potassium	699	5.3	mg/Kg	01/02/12		LK	6010/200.7
Magnesium	1440	5.3	mg/Kg	01/02/12		LK	6010/200.7
Manganese	374	3.5	mg/Kg	01/03/12		LK	6010/200.7
Sodium	63.4	5.3	mg/Kg	01/02/12		LK	6010/200.7
Nickel	16.1	0.35	mg/Kg	01/02/12		LK	6010/200.7
Lead	7.39	0.35	mg/Kg	01/02/12		LK	6010/200.7
Antimony	< 3.5	3.5	mg/Kg	01/02/12		LK	6010/200.7
Selenium	< 1.4	1.4	mg/Kg	01/02/12		LK	6010/200.7
Thallium	< 3.2	3.2	mg/Kg	01/02/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	30.1	0.35	mg/Kg	01/02/12		LK	6010/200.7
Zinc	21.3	0.35	mg/Kg	01/02/12		LK	6010/200.7
Percent Solid	94		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB1 (12-14)

Phoenix I.D.: BB14036

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	350	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	84		%	12/22/11		MH	30 - 150 %
% TCMX	66		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	33	ug/Kg	12/21/11		MR	SW8081
4,4' -DDE	ND	33	ug/Kg	12/21/11		MR	SW8081
4,4' -DDT	ND	33	ug/Kg	12/21/11		MR	SW8081
a-BHC	ND	17	ug/Kg	12/21/11		MR	SW8081
Alachlor	ND	17	ug/Kg	12/21/11		MR	SW8081
Aldrin	ND	5.2	ug/Kg	12/21/11		MR	SW8081
b-BHC	ND	17	ug/Kg	12/21/11		MR	SW8081
Chlordane	ND	52	ug/Kg	12/21/11		MR	SW8081
d-BHC	ND	17	ug/Kg	12/21/11		MR	SW8081
Dieldrin	ND	5.2	ug/Kg	12/21/11		MR	SW8081
Endosulfan I	ND	17	ug/Kg	12/21/11		MR	SW8081
Endosulfan II	ND	33	ug/Kg	12/21/11		MR	SW8081
Endosulfan sulfate	ND	33	ug/Kg	12/21/11		MR	SW8081
Endrin	ND	33	ug/Kg	12/21/11		MR	SW8081
Endrin aldehyde	ND	33	ug/Kg	12/21/11		MR	SW8081
Endrin ketone	ND	33	ug/Kg	12/21/11		MR	SW8081
g-BHC	ND	5.2	ug/Kg	12/21/11		MR	SW8081
Heptachlor	ND	10	ug/Kg	12/21/11		MR	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/21/11		MR	SW8081
Methoxychlor	ND	170	ug/Kg	12/21/11		MR	SW8081
Toxaphene	ND	170	ug/Kg	12/21/11		MR	SW8081
QA/QC Surrogates							
% DCBP	64		%	12/21/11		MR	30 - 150 %
% TCMX	68		%	12/21/11		MR	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB1 (12-14)

Phoenix I.D.: BB14036

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	12/22/11		R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	12/22/11		R/J	SW8260
Acetone	ND	27	ug/Kg	12/22/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/22/11		R/J	SW8260
Benzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Bromobenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Bromochloromethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Bromodichloromethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Bromoform	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Bromomethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Carbon Disulfide	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Carbon tetrachloride	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Chlorobenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Chloroethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Chloroform	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Chloromethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Dibromochloromethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Dibromoethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Dibromomethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Ethylbenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Hexachlorobutadiene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Isopropylbenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
m&p-Xylene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	12/22/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/22/11		R/J	SW8260
Methylene chloride	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Naphthalene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
n-Butylbenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
n-Propylbenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
o-Xylene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
p-Isopropyltoluene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
sec-Butylbenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB1 (12-14)

Phoenix I.D.: BB14036

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
tert-Butylbenzene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Tetrachloroethene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/22/11		R/J	SW8260
Toluene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Total Xylenes	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/22/11		R/J	SW8260
Trichloroethene	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Trichlorofluoromethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
Vinyl chloride	ND	5.3	ug/Kg	12/22/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	12/22/11		R/J	70 - 130 %
% Bromofluorobenzene	88		%	12/22/11		R/J	70 - 130 %
% Dibromofluoromethane	87		%	12/22/11		R/J	70 - 130 %
% Toluene-d8	100		%	12/22/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	12/22/11		DD	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Chlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Nitroaniline	ND	570	ug/Kg	12/22/11		DD	SW 8270
2-Nitrophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	12/22/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	250	ug/Kg	12/22/11		DD	SW 8270
3-Nitroaniline	ND	570	ug/Kg	12/22/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	12/22/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	12/22/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
4-Chloroaniline	ND	250	ug/Kg	12/22/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	12/22/11		DD	SW 8270
4-Nitroaniline	ND	570	ug/Kg	12/22/11		DD	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Acenaphthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Acetophenone	ND	250	ug/Kg	12/22/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB1 (12-14)

Phoenix I.D.: BB14036

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Anthracene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Azobenzene	ND	350	ug/Kg	12/22/11		DD	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzidine	ND	420	ug/Kg	12/22/11		DD	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Carbazole	ND	530	ug/Kg	12/22/11		DD	SW 8270
Chrysene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Dibenzofuran	ND	250	ug/Kg	12/22/11		DD	SW 8270
Diethyl phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Dimethylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Fluoranthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Fluorene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachloroethane	ND	250	ug/Kg	12/22/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Isophorone	ND	250	ug/Kg	12/22/11		DD	SW 8270
Naphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Nitrobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	12/22/11		DD	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	12/22/11		DD	SW 8270
Pentachlorophenol	ND	350	ug/Kg	12/22/11		DD	SW 8270
Phenanthrene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Phenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
Pyrene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Pyridine	ND	350	ug/Kg	12/22/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	98		%	12/22/11		DD	15 - 130 %
% 2-Fluorobiphenyl	89		%	12/22/11		DD	15 - 130 %
% 2-Fluorophenol	92		%	12/22/11		DD	15 - 130 %
% Nitrobenzene-d5	87		%	12/22/11		DD	15 - 130 %
% Phenol-d5	91		%	12/22/11		DD	15 - 130 %
% Terphenyl-d14	109		%	12/22/11		DD	15 - 130 %

Project ID: 1426 FULTON ST
Client ID: SB1 (12-14)

Phoenix I.D.: BB14036

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	8:40
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14037

Project ID: 1426 FULTON ST

Client ID: SB2 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	15000	55	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.77	0.77	mg/Kg	01/02/12		L/P	6010/200.7
Barium	375	0.37	mg/Kg	01/02/12		LK	6010/200.7
Beryllium	0.80	0.30	mg/Kg	01/02/12		LK	6010/200.7
Calcium	8770	55	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	1.17	0.37	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	6.42	0.37	mg/Kg	01/02/12		LK	6010/200.7
Chromium	37.2	0.37	mg/Kg	01/02/12		LK	6010/200.7
Copper	151	3.7	mg/kg	01/03/12		EK	6010/200.7
Iron	20200	55	mg/Kg	01/03/12		LK	6010/200.7
Mercury	0.11	0.08	mg/Kg	12/22/11		RS	SW-7471
Potassium	880	5.5	mg/Kg	01/02/12		LK	6010/200.7
Magnesium	3590	5.5	mg/Kg	01/02/12		LK	6010/200.7
Manganese	514	3.7	mg/Kg	01/03/12		LK	6010/200.7
Sodium	174	5.5	mg/Kg	01/02/12		LK	6010/200.7
Nickel	19.6	0.37	mg/Kg	01/02/12		LK	6010/200.7
Lead	1370	3.7	mg/Kg	01/03/12		LK	6010/200.7
Antimony	< 3.7	3.7	mg/Kg	01/02/12		LK	6010/200.7
Selenium	< 1.5	1.5	mg/Kg	01/02/12		LK	6010/200.7
Thallium	< 3.3	3.3	mg/Kg	01/02/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	35.7	0.37	mg/Kg	01/02/12		LK	6010/200.7
Zinc	197	0.37	mg/Kg	01/02/12		LK	6010/200.7
Percent Solid	88		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB2 (0-2)

Phoenix I.D.: BB14037

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	380	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	123		%	12/22/11		MH	30 - 150 %
% TCMX	76		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	36	ug/Kg	12/23/11		K/P	SW8081
4,4' -DDE	ND	36	ug/Kg	12/23/11		K/P	SW8081
4,4' -DDT	ND	36	ug/Kg	12/23/11		K/P	SW8081
a-BHC	ND	18	ug/Kg	12/23/11		K/P	SW8081
Alachlor	ND	18	ug/Kg	12/23/11		K/P	SW8081
Aldrin	ND	5.6	ug/Kg	12/23/11		K/P	SW8081
b-BHC	ND	18	ug/Kg	12/23/11		K/P	SW8081
Chlordane	ND	56	ug/Kg	12/23/11		K/P	SW8081
d-BHC	ND	18	ug/Kg	12/23/11		K/P	SW8081
Dieldrin	ND	5.6	ug/Kg	12/23/11		K/P	SW8081
Endosulfan I	ND	18	ug/Kg	12/23/11		K/P	SW8081
Endosulfan II	ND	36	ug/Kg	12/23/11		K/P	SW8081
Endosulfan sulfate	ND	36	ug/Kg	12/23/11		K/P	SW8081
Endrin	ND	36	ug/Kg	12/23/11		K/P	SW8081
Endrin aldehyde	ND	36	ug/Kg	12/23/11		K/P	SW8081
Endrin ketone	ND	36	ug/Kg	12/23/11		K/P	SW8081
g-BHC	ND	5.6	ug/Kg	12/23/11		K/P	SW8081
Heptachlor	ND	11	ug/Kg	12/23/11		K/P	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/23/11		K/P	SW8081
Methoxychlor	ND	180	ug/Kg	12/23/11		K/P	SW8081
Toxaphene	ND	180	ug/Kg	12/23/11		K/P	SW8081
QA/QC Surrogates							
% DCBP	76		%	12/23/11		K/P	30 - 150 %
% TCMX	73		%	12/23/11		K/P	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB2 (0-2)

Phoenix I.D.: BB14037

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	28	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	910	280	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB2 (0-2)

Phoenix I.D.: BB14037

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	89		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	99		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	100		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	530	ug/Kg	12/23/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	530	ug/Kg	12/23/11		DD	SW 8270
1,2-Dichlorobenzene	ND	530	ug/Kg	12/23/11		DD	SW 8270
1,3-Dichlorobenzene	ND	530	ug/Kg	12/23/11		DD	SW 8270
1,4-Dichlorobenzene	ND	530	ug/Kg	12/23/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	530	ug/Kg	12/23/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	530	ug/Kg	12/23/11		DD	SW 8270
2,4-Dichlorophenol	ND	530	ug/Kg	12/23/11		DD	SW 8270
2,4-Dimethylphenol	ND	530	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrophenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrotoluene	ND	530	ug/Kg	12/23/11		DD	SW 8270
2,6-Dinitrotoluene	ND	530	ug/Kg	12/23/11		DD	SW 8270
2-Chloronaphthalene	ND	530	ug/Kg	12/23/11		DD	SW 8270
2-Chlorophenol	ND	530	ug/Kg	12/23/11		DD	SW 8270
2-Methylnaphthalene	960	530	ug/Kg	12/23/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	530	ug/Kg	12/23/11		DD	SW 8270
2-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2-Nitrophenol	ND	530	ug/Kg	12/23/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	750	ug/Kg	12/23/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	530	ug/Kg	12/23/11		DD	SW 8270
3-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2200	ug/Kg	12/23/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	750	ug/Kg	12/23/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	530	ug/Kg	12/23/11		DD	SW 8270
4-Chloroaniline	ND	530	ug/Kg	12/23/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	530	ug/Kg	12/23/11		DD	SW 8270
4-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
4-Nitrophenol	ND	2200	ug/Kg	12/23/11		DD	SW 8270
Acenaphthene	2500	530	ug/Kg	12/23/11		DD	SW 8270
Acenaphthylene	ND	530	ug/Kg	12/23/11		DD	SW 8270
Acetophenone	ND	530	ug/Kg	12/23/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB2 (0-2)

Phoenix I.D.: BB14037

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	2200	ug/Kg	12/23/11		DD	SW 8270
Anthracene	6600	530	ug/Kg	12/23/11		DD	SW 8270
Azobenzene	ND	750	ug/Kg	12/23/11		DD	SW 8270
Benz(a)anthracene	12000	530	ug/Kg	12/23/11		DD	SW 8270
Benzidine	ND	900	ug/Kg	12/23/11		DD	SW 8270
Benzo(a)pyrene	11000	530	ug/Kg	12/23/11		DD	SW 8270
Benzo(b)fluoranthene	13000	530	ug/Kg	12/23/11		DD	SW 8270
Benzo(ghi)perylene	4300	530	ug/Kg	12/23/11		DD	SW 8270
Benzo(k)fluoranthene	4300	530	ug/Kg	12/23/11		DD	SW 8270
Benzoic acid	ND	2200	ug/Kg	12/23/11		DD	SW 8270
Benzyl butyl phthalate	ND	530	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	530	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	750	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	530	ug/Kg	12/23/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	530	ug/Kg	12/23/11		DD	SW 8270
Carbazole	2400	1100	ug/Kg	12/23/11		DD	SW 8270
Chrysene	11000	530	ug/Kg	12/23/11		DD	SW 8270
Dibenz(a,h)anthracene	1300	530	ug/Kg	12/23/11		DD	SW 8270
Dibenzofuran	2100	530	ug/Kg	12/23/11		DD	SW 8270
Diethyl phthalate	ND	530	ug/Kg	12/23/11		DD	SW 8270
Dimethylphthalate	ND	530	ug/Kg	12/23/11		DD	SW 8270
Di-n-butylphthalate	ND	530	ug/Kg	12/23/11		DD	SW 8270
Di-n-octylphthalate	ND	530	ug/Kg	12/23/11		DD	SW 8270
Fluoranthene	31000	530	ug/Kg	12/23/11		DD	SW 8270
Fluorene	3200	530	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobenzene	ND	530	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobutadiene	ND	530	ug/Kg	12/23/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	530	ug/Kg	12/23/11		DD	SW 8270
Hexachloroethane	ND	530	ug/Kg	12/23/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	4300	530	ug/Kg	12/23/11		DD	SW 8270
Isophorone	ND	530	ug/Kg	12/23/11		DD	SW 8270
Naphthalene	2300	530	ug/Kg	12/23/11		DD	SW 8270
Nitrobenzene	ND	530	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodimethylamine	ND	750	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	530	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	750	ug/Kg	12/23/11		DD	SW 8270
Pentachloronitrobenzene	ND	750	ug/Kg	12/23/11		DD	SW 8270
Pentachlorophenol	ND	750	ug/Kg	12/23/11		DD	SW 8270
Phenanthrene	30000	530	ug/Kg	12/23/11		DD	SW 8270
Phenol	ND	530	ug/Kg	12/23/11		DD	SW 8270
Pyrene	27000	530	ug/Kg	12/23/11		DD	SW 8270
Pyridine	ND	750	ug/Kg	12/23/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	118		%	12/23/11		DD	15 - 130 %
% 2-Fluorobiphenyl	77		%	12/23/11		DD	15 - 130 %
% 2-Fluorophenol	73		%	12/23/11		DD	15 - 130 %
% Nitrobenzene-d5	72		%	12/23/11		DD	15 - 130 %
% Phenol-d5	76		%	12/23/11		DD	15 - 130 %
% Terphenyl-d14	69		%	12/23/11		DD	15 - 130 %

Project ID: 1426 FULTON ST

Client ID: SB2 (0-2)

Phoenix I.D.: BB14037

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* 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.

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

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

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

Phyllis Shiller, Laboratory Director

January 11, 2012

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

January 11, 2012

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:		12/16/11	8:50
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14038

Project ID: 1426 FULTON ST

Client ID: SB2 (12-14)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.31	0.31	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	7320	47	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.63	0.63	mg/Kg	01/02/12		LK	6010/200.7
Barium	59.2	0.31	mg/Kg	01/02/12		LK	6010/200.7
Beryllium	0.35	0.25	mg/Kg	01/02/12		LK	6010/200.7
Calcium	1010	47	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	0.68	0.31	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	6.57	0.31	mg/Kg	01/02/12		LK	6010/200.7
Chromium	16.6	0.31	mg/Kg	01/02/12		LK	6010/200.7
Copper	154	3.1	mg/kg	01/03/12		EK	6010/200.7
Iron	16200	47	mg/Kg	01/03/12		LK	6010/200.7
Mercury	< 0.08	0.08	mg/Kg	12/22/11		RS	SW-7471
Potassium	644	4.7	mg/Kg	01/02/12		LK	6010/200.7
Magnesium	1640	4.7	mg/Kg	01/02/12		LK	6010/200.7
Manganese	616	3.1	mg/Kg	01/03/12		LK	6010/200.7
Sodium	141	4.7	mg/Kg	01/02/12		LK	6010/200.7
Nickel	19.4	0.31	mg/Kg	01/02/12		LK	6010/200.7
Lead	10.8	0.31	mg/Kg	01/02/12		LK	6010/200.7
Antimony	< 3.1	3.1	mg/Kg	01/02/12		LK	6010/200.7
Selenium	< 1.3	1.3	mg/Kg	01/02/12		LK	6010/200.7
Thallium	< 2.8	2.8	mg/Kg	01/02/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	27.3	0.31	mg/Kg	01/02/12		LK	6010/200.7
Zinc	29.4	0.31	mg/Kg	01/02/12		LK	6010/200.7
Percent Solid	93		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB2 (12-14)

Phoenix I.D.: BB14038

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	350	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	93		%	12/22/11		MH	30 - 150 %
% TCMX	72		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	34	ug/Kg	12/21/11		MR	SW8081
4,4' -DDE	ND	34	ug/Kg	12/21/11		MR	SW8081
4,4' -DDT	ND	34	ug/Kg	12/21/11		MR	SW8081
a-BHC	ND	17	ug/Kg	12/21/11		MR	SW8081
Alachlor	ND	17	ug/Kg	12/21/11		MR	SW8081
Aldrin	ND	5.3	ug/Kg	12/21/11		MR	SW8081
b-BHC	ND	17	ug/Kg	12/21/11		MR	SW8081
Chlordane	ND	53	ug/Kg	12/21/11		MR	SW8081
d-BHC	ND	17	ug/Kg	12/21/11		MR	SW8081
Dieldrin	ND	5.3	ug/Kg	12/21/11		MR	SW8081
Endosulfan I	ND	17	ug/Kg	12/21/11		MR	SW8081
Endosulfan II	ND	34	ug/Kg	12/21/11		MR	SW8081
Endosulfan sulfate	ND	34	ug/Kg	12/21/11		MR	SW8081
Endrin	ND	34	ug/Kg	12/21/11		MR	SW8081
Endrin aldehyde	ND	34	ug/Kg	12/21/11		MR	SW8081
Endrin ketone	ND	34	ug/Kg	12/21/11		MR	SW8081
g-BHC	ND	5.3	ug/Kg	12/21/11		MR	SW8081
Heptachlor	ND	10	ug/Kg	12/21/11		MR	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/21/11		MR	SW8081
Methoxychlor	ND	170	ug/Kg	12/21/11		MR	SW8081
Toxaphene	ND	170	ug/Kg	12/21/11		MR	SW8081
QA/QC Surrogates							
% DCBP	68		%	12/21/11		MR	30 - 150 %
% TCMX	75		%	12/21/11		MR	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB2 (12-14)

Phoenix I.D.: BB14038

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	92		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	96		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	100		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	12/22/11		DD	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Chlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Nitroaniline	ND	570	ug/Kg	12/22/11		DD	SW 8270
2-Nitrophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	12/22/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	250	ug/Kg	12/22/11		DD	SW 8270
3-Nitroaniline	ND	570	ug/Kg	12/22/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	12/22/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	12/22/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
4-Chloroaniline	ND	250	ug/Kg	12/22/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	12/22/11		DD	SW 8270
4-Nitroaniline	ND	570	ug/Kg	12/22/11		DD	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Acenaphthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Acetophenone	ND	250	ug/Kg	12/22/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB2 (12-14)

Phoenix I.D.: BB14038

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Anthracene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Azobenzene	ND	360	ug/Kg	12/22/11		DD	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzidine	ND	430	ug/Kg	12/22/11		DD	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(ghi)perylene	290	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Carbazole	ND	530	ug/Kg	12/22/11		DD	SW 8270
Chrysene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Dibenzofuran	ND	250	ug/Kg	12/22/11		DD	SW 8270
Diethyl phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Dimethylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Fluoranthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Fluorene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachloroethane	ND	250	ug/Kg	12/22/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	270	250	ug/Kg	12/22/11		DD	SW 8270
Isophorone	ND	250	ug/Kg	12/22/11		DD	SW 8270
Naphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Nitrobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	12/22/11		DD	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	12/22/11		DD	SW 8270
Pentachlorophenol	ND	360	ug/Kg	12/22/11		DD	SW 8270
Phenanthrene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Phenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
Pyrene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Pyridine	ND	360	ug/Kg	12/22/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	103		%	12/22/11		DD	15 - 130 %
% 2-Fluorobiphenyl	86		%	12/22/11		DD	15 - 130 %
% 2-Fluorophenol	88		%	12/22/11		DD	15 - 130 %
% Nitrobenzene-d5	89		%	12/22/11		DD	15 - 130 %
% Phenol-d5	89		%	12/22/11		DD	15 - 130 %
% Terphenyl-d14	111		%	12/22/11		DD	15 - 130 %

Project ID: 1426 FULTON ST
Client ID: SB2 (12-14)

Phoenix I.D.: BB14038

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	9:10
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14039

Project ID: 1426 FULTON ST

Client ID: SB3 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	9990	55	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.73	0.73	mg/Kg	01/02/12		LK	6010/200.7
Barium	53.2	0.36	mg/Kg	01/02/12		LK	6010/200.7
Beryllium	0.43	0.29	mg/Kg	01/02/12		LK	6010/200.7
Calcium	29800	55	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	0.72	0.36	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	6.14	0.36	mg/Kg	01/02/12		LK	6010/200.7
Chromium	18.8	0.36	mg/Kg	01/02/12		LK	6010/200.7
Copper	136	0.36	mg/kg	01/03/12		EK	6010/200.7
Iron	18100	55	mg/Kg	01/03/12		LK	6010/200.7
Mercury	0.09	0.08	mg/Kg	12/22/11		RS	SW-7471
Potassium	1030	5.5	mg/Kg	01/02/12		LK	6010/200.7
Magnesium	3020	5.5	mg/Kg	01/02/12		LK	6010/200.7
Manganese	414	3.6	mg/Kg	01/03/12		LK	6010/200.7
Sodium	616	5.5	mg/Kg	01/02/12		LK	6010/200.7
Nickel	13.3	0.36	mg/Kg	01/02/12		LK	6010/200.7
Lead	161	0.36	mg/Kg	01/02/12		LK	6010/200.7
Antimony	< 3.6	3.6	mg/Kg	01/02/12		LK	6010/200.7
Selenium	< 1.5	1.5	mg/Kg	01/02/12		LK	6010/200.7
Thallium	< 3.3	3.3	mg/Kg	01/02/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	27.8	0.36	mg/Kg	01/02/12		LK	6010/200.7
Zinc	49.6	0.36	mg/Kg	01/02/12		LK	6010/200.7
Percent Solid	94		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB3 (0-2)

Phoenix I.D.: BB14039

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	350	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	102		%	12/22/11		MH	30 - 150 %
% TCMX	75		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	34	ug/Kg	12/21/11		MR	SW8081
4,4' -DDE	ND	34	ug/Kg	12/21/11		MR	SW8081
4,4' -DDT	ND	34	ug/Kg	12/21/11		MR	SW8081
a-BHC	ND	17	ug/Kg	12/21/11		MR	SW8081
Alachlor	ND	17	ug/Kg	12/21/11		MR	SW8081
Aldrin	ND	5.3	ug/Kg	12/21/11		MR	SW8081
b-BHC	ND	17	ug/Kg	12/21/11		MR	SW8081
Chlordane	ND	53	ug/Kg	12/21/11		MR	SW8081
d-BHC	ND	17	ug/Kg	12/21/11		MR	SW8081
Dieldrin	ND	5.3	ug/Kg	12/21/11		MR	SW8081
Endosulfan I	ND	17	ug/Kg	12/21/11		MR	SW8081
Endosulfan II	ND	34	ug/Kg	12/21/11		MR	SW8081
Endosulfan sulfate	ND	34	ug/Kg	12/21/11		MR	SW8081
Endrin	ND	34	ug/Kg	12/21/11		MR	SW8081
Endrin aldehyde	ND	34	ug/Kg	12/21/11		MR	SW8081
Endrin ketone	ND	34	ug/Kg	12/21/11		MR	SW8081
g-BHC	ND	5.3	ug/Kg	12/21/11		MR	SW8081
Heptachlor	ND	11	ug/Kg	12/21/11		MR	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/21/11		MR	SW8081
Methoxychlor	ND	170	ug/Kg	12/21/11		MR	SW8081
Toxaphene	ND	170	ug/Kg	12/21/11		MR	SW8081
QA/QC Surrogates							
% DCBP	76		%	12/21/11		MR	30 - 150 %
% TCMX	80		%	12/21/11		MR	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB3 (0-2)

Phoenix I.D.: BB14039

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB3 (0-2)

Phoenix I.D.: BB14039

Parameter	Result	RL	Units	Date	Time	By	Reference	
Styrene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
tert-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Tetrachloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260	
Toluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Total Xylenes	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260	
Trichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Trichlorofluoromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Trichlorotrifluoroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Vinyl chloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102		%	12/23/11		R/J	70 - 130 %	
% Bromofluorobenzene	88		%	12/23/11		R/J	70 - 130 %	
% Dibromofluoromethane	68		%	12/23/11		R/J	70 - 130 %	3
% Toluene-d8	99		%	12/23/11		R/J	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270	
1,2-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270	
1,3-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270	
1,4-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270	
2,4-Dichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270	
2,4-Dimethylphenol	ND	250	ug/Kg	12/22/11		DD	SW 8270	
2,4-Dinitrophenol	ND	560	ug/Kg	12/22/11		DD	SW 8270	
2,4-Dinitrotoluene	ND	250	ug/Kg	12/22/11		DD	SW 8270	
2,6-Dinitrotoluene	ND	250	ug/Kg	12/22/11		DD	SW 8270	
2-Chloronaphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270	
2-Chlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270	
2-Methylnaphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	ug/Kg	12/22/11		DD	SW 8270	
2-Nitroaniline	ND	560	ug/Kg	12/22/11		DD	SW 8270	
2-Nitrophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	12/22/11		DD	SW 8270	
3,3'-Dichlorobenzidine	ND	250	ug/Kg	12/22/11		DD	SW 8270	
3-Nitroaniline	ND	560	ug/Kg	12/22/11		DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	12/22/11		DD	SW 8270	
4-Bromophenyl phenyl ether	ND	350	ug/Kg	12/22/11		DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	ug/Kg	12/22/11		DD	SW 8270	
4-Chloroaniline	ND	250	ug/Kg	12/22/11		DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	12/22/11		DD	SW 8270	
4-Nitroaniline	ND	560	ug/Kg	12/22/11		DD	SW 8270	
4-Nitrophenol	ND	1000	ug/Kg	12/22/11		DD	SW 8270	
Acenaphthene	ND	250	ug/Kg	12/22/11		DD	SW 8270	
Acenaphthylene	ND	250	ug/Kg	12/22/11		DD	SW 8270	
Acetophenone	ND	250	ug/Kg	12/22/11		DD	SW 8270	

Project ID: 1426 FULTON ST
Client ID: SB3 (0-2)

Phoenix I.D.: BB14039

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Anthracene	270	250	ug/Kg	12/22/11		DD	SW 8270
Azobenzene	ND	350	ug/Kg	12/22/11		DD	SW 8270
Benz(a)anthracene	890	250	ug/Kg	12/22/11		DD	SW 8270
Benzidine	ND	420	ug/Kg	12/22/11		DD	SW 8270
Benzo(a)pyrene	780	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(b)fluoranthene	1000	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(ghi)perylene	600	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(k)fluoranthene	360	250	ug/Kg	12/22/11		DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Carbazole	ND	530	ug/Kg	12/22/11		DD	SW 8270
Chrysene	960	250	ug/Kg	12/22/11		DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Dibenzofuran	ND	250	ug/Kg	12/22/11		DD	SW 8270
Diethyl phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Dimethylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Fluoranthene	2000	250	ug/Kg	12/22/11		DD	SW 8270
Fluorene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachloroethane	ND	250	ug/Kg	12/22/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	530	250	ug/Kg	12/22/11		DD	SW 8270
Isophorone	ND	250	ug/Kg	12/22/11		DD	SW 8270
Naphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Nitrobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	12/22/11		DD	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	12/22/11		DD	SW 8270
Pentachlorophenol	ND	350	ug/Kg	12/22/11		DD	SW 8270
Phenanthrene	1800	250	ug/Kg	12/22/11		DD	SW 8270
Phenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
Pyrene	1800	250	ug/Kg	12/22/11		DD	SW 8270
Pyridine	ND	350	ug/Kg	12/22/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	44		%	12/22/11		DD	15 - 130 %
% 2-Fluorobiphenyl	81		%	12/22/11		DD	15 - 130 %
% 2-Fluorophenol	65		%	12/22/11		DD	15 - 130 %
% Nitrobenzene-d5	66		%	12/22/11		DD	15 - 130 %
% Phenol-d5	72		%	12/22/11		DD	15 - 130 %
% Terphenyl-d14	87		%	12/22/11		DD	15 - 130 %

Project ID: 1426 FULTON ST
Client ID: SB3 (0-2)

Phoenix I.D.: BB14039

Parameter	Result	RL	Units	Date	Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

Comments:

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

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

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

Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	9:20
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14040

Project ID: 1426 FULTON ST

Client ID: SB3 (12-14)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.33	0.33	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	9420	50	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.67	0.67	mg/Kg	01/02/12		LK	6010/200.7
Barium	50.8	0.33	mg/Kg	01/02/12		LK	6010/200.7
Beryllium	0.37	0.27	mg/Kg	01/02/12		LK	6010/200.7
Calcium	70000	50	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	1.45	0.33	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	5.17	0.33	mg/Kg	01/02/12		LK	6010/200.7
Chromium	23.6	0.33	mg/Kg	01/02/12		LK	6010/200.7
Copper	74.7	0.33	mg/kg	01/03/12		EK	6010/200.7
Iron	16700	50	mg/Kg	01/03/12		LK	6010/200.7
Mercury	< 0.08	0.08	mg/Kg	12/22/11		RS	SW-7471
Potassium	1480	5.0	mg/Kg	01/02/12		LK	6010/200.7
Magnesium	8390	50	mg/Kg	01/03/12		LK	6010/200.7
Manganese	282	3.3	mg/Kg	01/03/12		LK	6010/200.7
Sodium	778	5.0	mg/Kg	01/02/12		LK	6010/200.7
Nickel	12.8	0.33	mg/Kg	01/02/12		LK	6010/200.7
Lead	99.9	0.33	mg/Kg	01/02/12		LK	6010/200.7
Antimony	< 3.3	3.3	mg/Kg	01/02/12		LK	6010/200.7
Selenium	< 1.3	1.3	mg/Kg	01/02/12		LK	6010/200.7
Thallium	< 3.0	3.0	mg/Kg	01/02/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	24.2	0.33	mg/Kg	01/02/12		LK	6010/200.7
Zinc	417	3.3	mg/Kg	01/03/12		LK	6010/200.7
Percent Solid	95		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/22/11		BB/F	SW3545

Project ID: 1426 FULTON ST
Client ID: SB3 (12-14)

Phoenix I.D.: BB14040

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	350	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	105		%	12/22/11		MH	30 - 150 %
% TCMX	76		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	34	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	17	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.2	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	52	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.2	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	17	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	34	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.2	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	10	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	170	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	170	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	89		%	12/23/11		KCA	30 - 150 %
% TCMX	84		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB3 (12-14)

Phoenix I.D.: BB14040

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	26	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	26	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	26	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference	
Styrene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
tert-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Tetrachloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260	
Toluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Total Xylenes	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260	
Trichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Trichlorofluoromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Trichlorotrifluoroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
Vinyl chloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	12/23/11		R/J	70 - 130 %	
% Bromofluorobenzene	93		%	12/23/11		R/J	70 - 130 %	
% Dibromofluoromethane	46		%	12/23/11		R/J	70 - 130 %	3
% Toluene-d8	100		%	12/23/11		R/J	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
1,2,4-Trichlorobenzene	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
1,2-Dichlorobenzene	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
1,3-Dichlorobenzene	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
1,4-Dichlorobenzene	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
2,4,5-Trichlorophenol	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
2,4,6-Trichlorophenol	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
2,4-Dichlorophenol	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
2,4-Dimethylphenol	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
2,4-Dinitrophenol	ND	560	ug/Kg	12/22/11		D/P	SW 8270	
2,4-Dinitrotoluene	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
2,6-Dinitrotoluene	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
2-Chloronaphthalene	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
2-Chlorophenol	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
2-Methylnaphthalene	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
2-Methylphenol (o-cresol)	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
2-Nitroaniline	ND	560	ug/Kg	12/22/11		D/P	SW 8270	
2-Nitrophenol	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	12/22/11		D/P	SW 8270	
3,3'-Dichlorobenzidine	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
3-Nitroaniline	ND	560	ug/Kg	12/22/11		D/P	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	12/22/11		D/P	SW 8270	
4-Bromophenyl phenyl ether	ND	350	ug/Kg	12/22/11		D/P	SW 8270	
4-Chloro-3-methylphenol	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
4-Chloroaniline	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
4-Nitroaniline	ND	560	ug/Kg	12/22/11		D/P	SW 8270	
4-Nitrophenol	ND	1000	ug/Kg	12/22/11		D/P	SW 8270	
Acenaphthene	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
Acenaphthylene	ND	240	ug/Kg	12/22/11		D/P	SW 8270	
Acetophenone	ND	240	ug/Kg	12/22/11		D/P	SW 8270	

Project ID: 1426 FULTON ST
Client ID: SB3 (12-14)

Phoenix I.D.: BB14040

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1000	ug/Kg	12/22/11		D/P	SW 8270
Anthracene	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Azobenzene	ND	350	ug/Kg	12/22/11		D/P	SW 8270
Benz(a)anthracene	730	240	ug/Kg	12/22/11		D/P	SW 8270
Benzidine	ND	420	ug/Kg	12/22/11		D/P	SW 8270
Benzo(a)pyrene	620	240	ug/Kg	12/22/11		D/P	SW 8270
Benzo(b)fluoranthene	760	240	ug/Kg	12/22/11		D/P	SW 8270
Benzo(ghi)perylene	460	240	ug/Kg	12/22/11		D/P	SW 8270
Benzo(k)fluoranthene	280	240	ug/Kg	12/22/11		D/P	SW 8270
Benzoic acid	ND	1000	ug/Kg	12/22/11		D/P	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	12/22/11		D/P	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Bis(2-ethylhexyl)phthalate	440	240	ug/Kg	12/22/11		D/P	SW 8270
Carbazole	ND	520	ug/Kg	12/22/11		D/P	SW 8270
Chrysene	900	240	ug/Kg	12/22/11		D/P	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Dibenzofuran	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Diethyl phthalate	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Dimethylphthalate	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Fluoranthene	1700	240	ug/Kg	12/22/11		D/P	SW 8270
Fluorene	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Hexachloroethane	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Isophorone	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Naphthalene	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Nitrobenzene	ND	240	ug/Kg	12/22/11		D/P	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	12/22/11		D/P	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	12/22/11		D/P	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	12/22/11		D/P	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	12/22/11		D/P	SW 8270
Pentachlorophenol	ND	350	ug/Kg	12/22/11		D/P	SW 8270
Phenanthrene	1200	240	ug/Kg	12/22/11		D/P	SW 8270
Phenol	ND	240	ug/Kg	12/22/11		D/P	SW 8270
Pyrene	1700	240	ug/Kg	12/22/11		D/P	SW 8270
Pyridine	ND	350	ug/Kg	12/22/11		D/P	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	<5		%	12/22/11		D/P	15 - 130 %
% 2-Fluorobiphenyl	78		%	12/22/11		D/P	15 - 130 %
% 2-Fluorophenol	15		%	12/22/11		D/P	15 - 130 %
% Nitrobenzene-d5	60		%	12/22/11		D/P	15 - 130 %
% Phenol-d5	53		%	12/22/11		D/P	15 - 130 %
% Terphenyl-d14	97		%	12/22/11		D/P	15 - 130 %

Project ID: 1426 FULTON ST
Client ID: SB3 (12-14)

Phoenix I.D.: BB14040

Parameter	Result	RL	Units	Date	Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

Comments:

Poor surrogate recovery was observed for volatiles due to matrix interference.

*For semivolatiles, poor surrogate recovery was observed. Sample was re-extracted with similar results. 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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	7:30
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14041

Project ID: 1426 FULTON ST

Client ID: SB4 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	9970	54	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.72	0.72	mg/Kg	01/02/12		LK	6010/200.7
Barium	48.2	0.36	mg/Kg	01/02/12		LK	6010/200.7
Beryllium	0.46	0.29	mg/Kg	01/02/12		LK	6010/200.7
Calcium	32900	54	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	0.75	0.36	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	6.36	0.36	mg/Kg	01/02/12		LK	6010/200.7
Chromium	17.8	0.36	mg/Kg	01/02/12		LK	6010/200.7
Copper	18.0	0.36	mg/kg	01/03/12		EK	6010/200.7
Iron	18000	54	mg/Kg	01/03/12		LK	6010/200.7
Mercury	< 0.06	0.06	mg/Kg	12/22/11		RS	SW-7471
Potassium	1420	5.4	mg/Kg	01/02/12		LK	6010/200.7
Magnesium	4680	5.4	mg/Kg	01/02/12		LK	6010/200.7
Manganese	326	3.6	mg/Kg	01/03/12		LK	6010/200.7
Sodium	389	5.4	mg/Kg	01/02/12		LK	6010/200.7
Nickel	13.7	0.36	mg/Kg	01/02/12		LK	6010/200.7
Lead	28.9	0.36	mg/Kg	01/02/12		LK	6010/200.7
Antimony	< 3.6	3.6	mg/Kg	01/02/12		LK	6010/200.7
Selenium	< 1.4	1.4	mg/Kg	01/02/12		LK	6010/200.7
Thallium	< 3.2	3.2	mg/Kg	01/02/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	29.1	0.36	mg/Kg	01/02/12		LK	6010/200.7
Zinc	34.0	0.36	mg/Kg	01/02/12		LK	6010/200.7
Percent Solid	90		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB4 (0-2)

Phoenix I.D.: BB14041

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	370	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	107		%	12/22/11		MH	30 - 150 %
% TCMX	78		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	35	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	35	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	35	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	18	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.5	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	55	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.5	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	18	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	35	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	35	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	35	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	35	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	35	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.5	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	11	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	180	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	180	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	85		%	12/23/11		KCA	30 - 150 %
% TCMX	80		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB4 (0-2)

Phoenix I.D.: BB14041

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	28	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	8.7	5.6	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	86		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	83		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	98		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	12/23/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	ug/Kg	12/23/11		DD	SW 8270
1,2-Dichlorobenzene	ND	260	ug/Kg	12/23/11		DD	SW 8270
1,3-Dichlorobenzene	ND	260	ug/Kg	12/23/11		DD	SW 8270
1,4-Dichlorobenzene	ND	260	ug/Kg	12/23/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	12/23/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	12/23/11		DD	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	12/23/11		DD	SW 8270
2,4-Dimethylphenol	ND	260	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	12/23/11		DD	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	12/23/11		DD	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	12/23/11		DD	SW 8270
2-Chlorophenol	ND	260	ug/Kg	12/23/11		DD	SW 8270
2-Methylnaphthalene	ND	260	ug/Kg	12/23/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	12/23/11		DD	SW 8270
2-Nitroaniline	ND	590	ug/Kg	12/23/11		DD	SW 8270
2-Nitrophenol	ND	260	ug/Kg	12/23/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	12/23/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	260	ug/Kg	12/23/11		DD	SW 8270
3-Nitroaniline	ND	590	ug/Kg	12/23/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	12/23/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	12/23/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	12/23/11		DD	SW 8270
4-Chloroaniline	ND	260	ug/Kg	12/23/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	12/23/11		DD	SW 8270
4-Nitroaniline	ND	590	ug/Kg	12/23/11		DD	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	12/23/11		DD	SW 8270
Acenaphthene	360	260	ug/Kg	12/23/11		DD	SW 8270
Acenaphthylene	ND	260	ug/Kg	12/23/11		DD	SW 8270
Acetophenone	ND	260	ug/Kg	12/23/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB4 (0-2)

Phoenix I.D.: BB14041

Parameter	Result	RL	Units	Date	Time	By	Reference	
Aniline	ND	1100	ug/Kg	12/23/11		DD	SW 8270	
Anthracene	830	260	ug/Kg	12/23/11		DD	SW 8270	
Azobenzene	ND	370	ug/Kg	12/23/11		DD	SW 8270	
Benz(a)anthracene	1500	260	ug/Kg	12/23/11		DD	SW 8270	
Benzidine	ND	440	ug/Kg	12/23/11		DD	SW 8270	
Benzo(a)pyrene	1300	260	ug/Kg	12/23/11		DD	SW 8270	
Benzo(b)fluoranthene	1700	260	ug/Kg	12/23/11		DD	SW 8270	
Benzo(ghi)perylene	790	260	ug/Kg	12/23/11		DD	SW 8270	
Benzo(k)fluoranthene	620	260	ug/Kg	12/23/11		DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	12/23/11		DD	SW 8270	
Benzyl butyl phthalate	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Carbazole	ND	550	ug/Kg	12/23/11		DD	SW 8270	
Chrysene	1500	260	ug/Kg	12/23/11		DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Dibenzofuran	320	260	ug/Kg	12/23/11		DD	SW 8270	
Diethyl phthalate	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Dimethylphthalate	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Di-n-butylphthalate	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Di-n-octylphthalate	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Fluoranthene	4400	260	ug/Kg	12/23/11		DD	SW 8270	
Fluorene	290	260	ug/Kg	12/23/11		DD	SW 8270	
Hexachlorobenzene	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Hexachlorobutadiene	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Hexachloroethane	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Indeno(1,2,3-cd)pyrene	710	260	ug/Kg	12/23/11		DD	SW 8270	
Isophorone	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Naphthalene	270	260	ug/Kg	12/23/11		DD	SW 8270	
Nitrobenzene	ND	260	ug/Kg	12/23/11		DD	SW 8270	
N-Nitrosodimethylamine	ND	370	ug/Kg	12/23/11		DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	12/23/11		DD	SW 8270	
N-Nitrosodiphenylamine	ND	370	ug/Kg	12/23/11		DD	SW 8270	
Pentachloronitrobenzene	ND	370	ug/Kg	12/23/11		DD	SW 8270	
Pentachlorophenol	ND	370	ug/Kg	12/23/11		DD	SW 8270	
Phenanthrene	4800	260	ug/Kg	12/23/11		DD	SW 8270	
Phenol	ND	260	ug/Kg	12/23/11		DD	SW 8270	
Pyrene	3500	260	ug/Kg	12/23/11		DD	SW 8270	
Pyridine	ND	370	ug/Kg	12/23/11		DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	131		%	12/23/11		DD	15 - 130 %	3
% 2-Fluorobiphenyl	89		%	12/23/11		DD	15 - 130 %	
% 2-Fluorophenol	87		%	12/23/11		DD	15 - 130 %	
% Nitrobenzene-d5	86		%	12/23/11		DD	15 - 130 %	
% Phenol-d5	94		%	12/23/11		DD	15 - 130 %	
% Terphenyl-d14	110		%	12/23/11		DD	15 - 130 %	

Project ID: 1426 FULTON ST
Client ID: SB4 (0-2)

Phoenix I.D.: BB14041

Parameter	Result	RL	Units	Date	Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	7:40
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14042

Project ID: 1426 FULTON ST

Client ID: SB4 (12-14)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	7880	51	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.68	0.68	mg/Kg	01/03/12		LK	6010/200.7
Barium	42.5	0.34	mg/Kg	01/03/12		LK	6010/200.7
Beryllium	0.34	0.27	mg/Kg	01/03/12		LK	6010/200.7
Calcium	1610	51	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	0.65	0.34	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	6.73	0.34	mg/Kg	01/03/12		LK	6010/200.7
Chromium	20.4	0.34	mg/Kg	01/03/12		LK	6010/200.7
Copper	14.0	0.34	mg/kg	01/03/12		EK	6010/200.7
Iron	17300	51	mg/Kg	01/03/12		LK	6010/200.7
Mercury	< 0.08	0.08	mg/Kg	12/22/11		RS	SW-7471
Potassium	971	5.1	mg/Kg	01/03/12		LK	6010/200.7
Magnesium	2110	5.1	mg/Kg	01/03/12		LK	6010/200.7
Manganese	411	3.4	mg/Kg	01/03/12		LK	6010/200.7
Sodium	159	5.1	mg/Kg	01/03/12		LK	6010/200.7
Nickel	15.2	0.34	mg/Kg	01/03/12		LK	6010/200.7
Lead	7.69	0.34	mg/Kg	01/03/12		LK	6010/200.7
Antimony	< 3.4	3.4	mg/Kg	01/03/12		LK	6010/200.7
Selenium	< 1.4	1.4	mg/Kg	01/03/12		LK	6010/200.7
Thallium	< 3.1	3.1	mg/Kg	01/03/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	32.4	0.34	mg/Kg	01/03/12		LK	6010/200.7
Zinc	25.1	0.34	mg/Kg	01/03/12		LK	6010/200.7
Percent Solid	94		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB4 (12-14)

Phoenix I.D.: BB14042

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	350	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	102		%	12/22/11		MH	30 - 150 %
% TCMX	77		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	34	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	17	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	53	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	17	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	34	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	10	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	170	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	170	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	76		%	12/23/11		KCA	30 - 150 %
% TCMX	78		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB4 (12-14)

Phoenix I.D.: BB14042

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	89		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	86		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	99		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	12/22/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	12/22/11		DD	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	12/22/11		DD	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	12/22/11		DD	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	12/22/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	12/22/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	12/22/11		DD	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	12/22/11		DD	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	12/22/11		DD	SW 8270
2,4-Dinitrophenol	ND	560	ug/Kg	12/22/11		DD	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	12/22/11		DD	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	12/22/11		DD	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	12/22/11		DD	SW 8270
2-Chlorophenol	ND	240	ug/Kg	12/22/11		DD	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	12/22/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	12/22/11		DD	SW 8270
2-Nitroaniline	ND	560	ug/Kg	12/22/11		DD	SW 8270
2-Nitrophenol	ND	240	ug/Kg	12/22/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	12/22/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	240	ug/Kg	12/22/11		DD	SW 8270
3-Nitroaniline	ND	560	ug/Kg	12/22/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	12/22/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	12/22/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	12/22/11		DD	SW 8270
4-Chloroaniline	ND	240	ug/Kg	12/22/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	12/22/11		DD	SW 8270
4-Nitroaniline	ND	560	ug/Kg	12/22/11		DD	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Acenaphthene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Acenaphthylene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Acetophenone	ND	240	ug/Kg	12/22/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB4 (12-14)

Phoenix I.D.: BB14042

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Anthracene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Azobenzene	ND	350	ug/Kg	12/22/11		DD	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Benzidine	ND	420	ug/Kg	12/22/11		DD	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	12/22/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	12/22/11		DD	SW 8270
Carbazole	ND	520	ug/Kg	12/22/11		DD	SW 8270
Chrysene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Dibenzofuran	ND	240	ug/Kg	12/22/11		DD	SW 8270
Diethyl phthalate	ND	240	ug/Kg	12/22/11		DD	SW 8270
Dimethylphthalate	ND	240	ug/Kg	12/22/11		DD	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	12/22/11		DD	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	12/22/11		DD	SW 8270
Fluoranthene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Fluorene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Hexachloroethane	ND	240	ug/Kg	12/22/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Isophorone	ND	240	ug/Kg	12/22/11		DD	SW 8270
Naphthalene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Nitrobenzene	ND	240	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	12/22/11		DD	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	12/22/11		DD	SW 8270
Pentachlorophenol	ND	350	ug/Kg	12/22/11		DD	SW 8270
Phenanthrene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Phenol	ND	240	ug/Kg	12/22/11		DD	SW 8270
Pyrene	ND	240	ug/Kg	12/22/11		DD	SW 8270
Pyridine	ND	350	ug/Kg	12/22/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	87		%	12/22/11		DD	15 - 130 %
% 2-Fluorobiphenyl	76		%	12/22/11		DD	15 - 130 %
% 2-Fluorophenol	81		%	12/22/11		DD	15 - 130 %
% Nitrobenzene-d5	77		%	12/22/11		DD	15 - 130 %
% Phenol-d5	79		%	12/22/11		DD	15 - 130 %
% Terphenyl-d14	90		%	12/22/11		DD	15 - 130 %

Project ID: 1426 FULTON ST
Client ID: SB4 (12-14)

Phoenix I.D.: BB14042

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	7:30
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14043

Project ID: 1426 FULTON ST

Client ID: SB5 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	13700	61	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.81	0.81	mg/Kg	01/03/12		LK	6010/200.7
Barium	68.2	0.40	mg/Kg	01/03/12		LK	6010/200.7
Beryllium	0.55	0.32	mg/Kg	01/03/12		LK	6010/200.7
Calcium	2380	61	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	0.98	0.40	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	10.5	0.40	mg/Kg	01/03/12		LK	6010/200.7
Chromium	21.2	0.40	mg/Kg	01/03/12		LK	6010/200.7
Copper	22.3	0.40	mg/kg	01/03/12		EK	6010/200.7
Iron	20000	61	mg/Kg	01/03/12		LK	6010/200.7
Mercury	0.32	0.09	mg/Kg	12/22/11		RS	SW-7471
Potassium	1340	6.1	mg/Kg	01/03/12		LK	6010/200.7
Magnesium	3090	6.1	mg/Kg	01/03/12		LK	6010/200.7
Manganese	306	4.0	mg/Kg	01/03/12		LK	6010/200.7
Sodium	120	6.1	mg/Kg	01/03/12		LK	6010/200.7
Nickel	20.6	0.40	mg/Kg	01/03/12		LK	6010/200.7
Lead	114	0.40	mg/Kg	01/03/12		LK	6010/200.7
Antimony	< 4.0	4.0	mg/Kg	01/03/12		LK	6010/200.7
Selenium	< 1.6	1.6	mg/Kg	01/03/12		LK	6010/200.7
Thallium	< 3.6	3.6	mg/Kg	01/03/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	32.6	0.40	mg/Kg	01/03/12		LK	6010/200.7
Zinc	140	0.40	mg/Kg	01/03/12		LK	6010/200.7
Percent Solid	86		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB5 (0-2)

Phoenix I.D.: BB14043

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	380	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	104		%	12/22/11		MH	30 - 150 %
% TCMX	76		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	36	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	36	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	36	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	18	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.6	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	56	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.6	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	18	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	36	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	36	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	36	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	36	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	36	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.6	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	11	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	180	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	180	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	82		%	12/23/11		KCA	30 - 150 %
% TCMX	80		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB5 (0-2)

Phoenix I.D.: BB14043

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	29	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	29	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	12	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB5 (0-2)

Phoenix I.D.: BB14043

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.8	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	94		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	98		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	100		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	12/22/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	ug/Kg	12/22/11		DD	SW 8270
1,2-Dichlorobenzene	ND	270	ug/Kg	12/22/11		DD	SW 8270
1,3-Dichlorobenzene	ND	270	ug/Kg	12/22/11		DD	SW 8270
1,4-Dichlorobenzene	ND	270	ug/Kg	12/22/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	270	ug/Kg	12/22/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	270	ug/Kg	12/22/11		DD	SW 8270
2,4-Dichlorophenol	ND	270	ug/Kg	12/22/11		DD	SW 8270
2,4-Dimethylphenol	ND	270	ug/Kg	12/22/11		DD	SW 8270
2,4-Dinitrophenol	ND	620	ug/Kg	12/22/11		DD	SW 8270
2,4-Dinitrotoluene	ND	270	ug/Kg	12/22/11		DD	SW 8270
2,6-Dinitrotoluene	ND	270	ug/Kg	12/22/11		DD	SW 8270
2-Chloronaphthalene	ND	270	ug/Kg	12/22/11		DD	SW 8270
2-Chlorophenol	ND	270	ug/Kg	12/22/11		DD	SW 8270
2-Methylnaphthalene	ND	270	ug/Kg	12/22/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	ug/Kg	12/22/11		DD	SW 8270
2-Nitroaniline	ND	620	ug/Kg	12/22/11		DD	SW 8270
2-Nitrophenol	ND	270	ug/Kg	12/22/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	12/22/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	270	ug/Kg	12/22/11		DD	SW 8270
3-Nitroaniline	ND	620	ug/Kg	12/22/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	12/22/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	390	ug/Kg	12/22/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	270	ug/Kg	12/22/11		DD	SW 8270
4-Chloroaniline	ND	270	ug/Kg	12/22/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	12/22/11		DD	SW 8270
4-Nitroaniline	ND	620	ug/Kg	12/22/11		DD	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	12/22/11		DD	SW 8270
Acenaphthene	ND	270	ug/Kg	12/22/11		DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	12/22/11		DD	SW 8270
Acetophenone	ND	270	ug/Kg	12/22/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB5 (0-2)

Phoenix I.D.: BB14043

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1100	ug/Kg	12/22/11		DD	SW 8270
Anthracene	ND	270	ug/Kg	12/22/11		DD	SW 8270
Azobenzene	ND	390	ug/Kg	12/22/11		DD	SW 8270
Benz(a)anthracene	700	270	ug/Kg	12/22/11		DD	SW 8270
Benzidine	ND	460	ug/Kg	12/22/11		DD	SW 8270
Benzo(a)pyrene	630	270	ug/Kg	12/22/11		DD	SW 8270
Benzo(b)fluoranthene	750	270	ug/Kg	12/22/11		DD	SW 8270
Benzo(ghi)perylene	440	270	ug/Kg	12/22/11		DD	SW 8270
Benzo(k)fluoranthene	280	270	ug/Kg	12/22/11		DD	SW 8270
Benzoic acid	ND	1100	ug/Kg	12/22/11		DD	SW 8270
Benzyl butyl phthalate	ND	270	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	390	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	12/22/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	12/22/11		DD	SW 8270
Carbazole	ND	580	ug/Kg	12/22/11		DD	SW 8270
Chrysene	740	270	ug/Kg	12/22/11		DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	12/22/11		DD	SW 8270
Dibenzofuran	ND	270	ug/Kg	12/22/11		DD	SW 8270
Diethyl phthalate	ND	270	ug/Kg	12/22/11		DD	SW 8270
Dimethylphthalate	ND	270	ug/Kg	12/22/11		DD	SW 8270
Di-n-butylphthalate	ND	270	ug/Kg	12/22/11		DD	SW 8270
Di-n-octylphthalate	ND	270	ug/Kg	12/22/11		DD	SW 8270
Fluoranthene	1700	270	ug/Kg	12/22/11		DD	SW 8270
Fluorene	ND	270	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobenzene	ND	270	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobutadiene	ND	270	ug/Kg	12/22/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	270	ug/Kg	12/22/11		DD	SW 8270
Hexachloroethane	ND	270	ug/Kg	12/22/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	360	270	ug/Kg	12/22/11		DD	SW 8270
Isophorone	ND	270	ug/Kg	12/22/11		DD	SW 8270
Naphthalene	ND	270	ug/Kg	12/22/11		DD	SW 8270
Nitrobenzene	ND	270	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodimethylamine	ND	390	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	390	ug/Kg	12/22/11		DD	SW 8270
Pentachloronitrobenzene	ND	390	ug/Kg	12/22/11		DD	SW 8270
Pentachlorophenol	ND	390	ug/Kg	12/22/11		DD	SW 8270
Phenanthrene	1200	270	ug/Kg	12/22/11		DD	SW 8270
Phenol	ND	270	ug/Kg	12/22/11		DD	SW 8270
Pyrene	1700	270	ug/Kg	12/22/11		DD	SW 8270
Pyridine	ND	390	ug/Kg	12/22/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	99		%	12/22/11		DD	15 - 130 %
% 2-Fluorobiphenyl	80		%	12/22/11		DD	15 - 130 %
% 2-Fluorophenol	73		%	12/22/11		DD	15 - 130 %
% Nitrobenzene-d5	66		%	12/22/11		DD	15 - 130 %
% Phenol-d5	73		%	12/22/11		DD	15 - 130 %
% Terphenyl-d14	103		%	12/22/11		DD	15 - 130 %

Project ID: 1426 FULTON ST
Client ID: SB5 (0-2)

Phoenix I.D.: BB14043

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	7:40
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14044

Project ID: 1426 FULTON ST

Client ID: SB5 (12-14)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	5870	56	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.75	0.75	mg/Kg	01/03/12		LK	6010/200.7
Barium	54.5	0.37	mg/Kg	01/03/12		LK	6010/200.7
Beryllium	0.37	0.30	mg/Kg	01/03/12		LK	6010/200.7
Calcium	1370	56	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	0.99	0.37	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	20.3	0.37	mg/Kg	01/03/12		LK	6010/200.7
Chromium	110	0.37	mg/Kg	01/03/12		LK	6010/200.7
Copper	17.3	0.37	mg/kg	01/03/12		EK	6010/200.7
Iron	27000	56	mg/Kg	01/03/12		LK	6010/200.7
Mercury	< 0.08	0.08	mg/Kg	12/22/11		RS	SW-7471
Potassium	849	5.6	mg/Kg	01/03/12		LK	6010/200.7
Magnesium	2030	5.6	mg/Kg	01/03/12		LK	6010/200.7
Manganese	567	3.7	mg/Kg	01/03/12		LK	6010/200.7
Sodium	136	5.6	mg/Kg	01/03/12		LK	6010/200.7
Nickel	90.2	0.37	mg/Kg	01/03/12		LK	6010/200.7
Lead	7.73	0.37	mg/Kg	01/03/12		LK	6010/200.7
Antimony	< 3.7	3.7	mg/Kg	01/03/12		LK	6010/200.7
Selenium	< 1.5	1.5	mg/Kg	01/03/12		LK	6010/200.7
Thallium	< 3.4	3.4	mg/Kg	01/03/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	26.8	0.37	mg/Kg	01/03/12		LK	6010/200.7
Zinc	29.8	0.37	mg/Kg	01/03/12		LK	6010/200.7
Percent Solid	93		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB5 (12-14)

Phoenix I.D.: BB14044

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	360	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	85		%	12/22/11		MH	30 - 150 %
% TCMX	64		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	34	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	17	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	53	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	17	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	34	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	11	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	170	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	170	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	63		%	12/23/11		KCA	30 - 150 %
% TCMX	68		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB5 (12-14)

Phoenix I.D.: BB14044

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	93		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	94		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	99		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,4-Dinitrophenol	ND	560	ug/Kg	12/22/11		DD	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Chlorophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	12/22/11		DD	SW 8270
2-Nitroaniline	ND	560	ug/Kg	12/22/11		DD	SW 8270
2-Nitrophenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	12/22/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	250	ug/Kg	12/22/11		DD	SW 8270
3-Nitroaniline	ND	560	ug/Kg	12/22/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	12/22/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	12/22/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
4-Chloroaniline	ND	250	ug/Kg	12/22/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	12/22/11		DD	SW 8270
4-Nitroaniline	ND	560	ug/Kg	12/22/11		DD	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Acenaphthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Acetophenone	ND	250	ug/Kg	12/22/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB5 (12-14)

Phoenix I.D.: BB14044

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Anthracene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Azobenzene	ND	350	ug/Kg	12/22/11		DD	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzidine	ND	420	ug/Kg	12/22/11		DD	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	12/22/11		DD	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	12/22/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	12/22/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Carbazole	ND	530	ug/Kg	12/22/11		DD	SW 8270
Chrysene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Dibenzofuran	ND	250	ug/Kg	12/22/11		DD	SW 8270
Diethyl phthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Dimethylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	12/22/11		DD	SW 8270
Fluoranthene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Fluorene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Hexachloroethane	ND	250	ug/Kg	12/22/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Isophorone	ND	250	ug/Kg	12/22/11		DD	SW 8270
Naphthalene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Nitrobenzene	ND	250	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	12/22/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	12/22/11		DD	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	12/22/11		DD	SW 8270
Pentachlorophenol	ND	350	ug/Kg	12/22/11		DD	SW 8270
Phenanthrene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Phenol	ND	250	ug/Kg	12/22/11		DD	SW 8270
Pyrene	ND	250	ug/Kg	12/22/11		DD	SW 8270
Pyridine	ND	350	ug/Kg	12/22/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	101		%	12/22/11		DD	15 - 130 %
% 2-Fluorobiphenyl	82		%	12/22/11		DD	15 - 130 %
% 2-Fluorophenol	85		%	12/22/11		DD	15 - 130 %
% Nitrobenzene-d5	81		%	12/22/11		DD	15 - 130 %
% Phenol-d5	85		%	12/22/11		DD	15 - 130 %
% Terphenyl-d14	108		%	12/22/11		DD	15 - 130 %

Project ID: 1426 FULTON ST
Client ID: SB5 (12-14)

Phoenix I.D.: BB14044

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	7:50
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14045

Project ID: 1426 FULTON ST

Client ID: SB5 (21-23)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	6640	56	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.74	0.74	mg/Kg	01/03/12		LK	6010/200.7
Barium	41.1	0.37	mg/Kg	01/03/12		LK	6010/200.7
Beryllium	0.39	0.30	mg/Kg	01/03/12		LK	6010/200.7
Calcium	2140	56	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	0.61	0.37	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	7.15	0.37	mg/Kg	01/03/12		LK	6010/200.7
Chromium	15.8	0.37	mg/Kg	01/03/12		LK	6010/200.7
Copper	16.7	0.37	mg/kg	01/03/12		EK	6010/200.7
Iron	16700	56	mg/Kg	01/03/12		LK	6010/200.7
Mercury	< 0.08	0.08	mg/Kg	12/22/11		RS	SW-7471
Potassium	1140	5.6	mg/Kg	01/03/12		LK	6010/200.7
Magnesium	2180	5.6	mg/Kg	01/03/12		LK	6010/200.7
Manganese	381	3.7	mg/Kg	01/03/12		LK	6010/200.7
Sodium	313	5.6	mg/Kg	01/03/12		LK	6010/200.7
Nickel	18.9	0.37	mg/Kg	01/03/12		LK	6010/200.7
Lead	9.66	0.37	mg/Kg	01/03/12		LK	6010/200.7
Antimony	< 3.7	3.7	mg/Kg	01/03/12		LK	6010/200.7
Selenium	< 1.5	1.5	mg/Kg	01/03/12		LK	6010/200.7
Thallium	< 3.4	3.4	mg/Kg	01/03/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	30.0	0.37	mg/Kg	01/03/12		LK	6010/200.7
Zinc	30.8	0.37	mg/Kg	01/03/12		LK	6010/200.7
Percent Solid	92		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB5 (21-23)

Phoenix I.D.: BB14045

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	360	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	101		%	12/22/11		MH	30 - 150 %
% TCMX	77		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	34	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	17	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	53	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	17	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	34	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	11	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	170	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	170	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	78		%	12/23/11		KCA	30 - 150 %
% TCMX	79		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB5 (21-23)

Phoenix I.D.: BB14045

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB5 (21-23)

Phoenix I.D.: BB14045

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	90		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	84		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	98		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	12/23/11		DD	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	12/23/11		DD	SW 8270
2-Chlorophenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	12/23/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	12/23/11		DD	SW 8270
2-Nitroaniline	ND	570	ug/Kg	12/23/11		DD	SW 8270
2-Nitrophenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	12/23/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	250	ug/Kg	12/23/11		DD	SW 8270
3-Nitroaniline	ND	570	ug/Kg	12/23/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	12/23/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	12/23/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
4-Chloroaniline	ND	250	ug/Kg	12/23/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	12/23/11		DD	SW 8270
4-Nitroaniline	ND	570	ug/Kg	12/23/11		DD	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	12/23/11		DD	SW 8270
Acenaphthene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Acetophenone	ND	250	ug/Kg	12/23/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB5 (21-23)

Phoenix I.D.: BB14045

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1000	ug/Kg	12/23/11		DD	SW 8270
Anthracene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Azobenzene	ND	360	ug/Kg	12/23/11		DD	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Benzidine	ND	430	ug/Kg	12/23/11		DD	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	12/23/11		DD	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	12/23/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Carbazole	ND	540	ug/Kg	12/23/11		DD	SW 8270
Chrysene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Dibenzofuran	ND	250	ug/Kg	12/23/11		DD	SW 8270
Diethyl phthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Dimethylphthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Fluoranthene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Fluorene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Hexachloroethane	ND	250	ug/Kg	12/23/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Isophorone	ND	250	ug/Kg	12/23/11		DD	SW 8270
Naphthalene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Nitrobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	12/23/11		DD	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	12/23/11		DD	SW 8270
Pentachlorophenol	ND	360	ug/Kg	12/23/11		DD	SW 8270
Phenanthrene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Phenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
Pyrene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Pyridine	ND	360	ug/Kg	12/23/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	113		%	12/23/11		DD	15 - 130 %
% 2-Fluorobiphenyl	80		%	12/23/11		DD	15 - 130 %
% 2-Fluorophenol	79		%	12/23/11		DD	15 - 130 %
% Nitrobenzene-d5	77		%	12/23/11		DD	15 - 130 %
% Phenol-d5	83		%	12/23/11		DD	15 - 130 %
% Terphenyl-d14	101		%	12/23/11		DD	15 - 130 %

Project ID: 1426 FULTON ST
Client ID: SB5 (21-23)

Phoenix I.D.: BB14045

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	8:10
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14046

Project ID: 1426 FULTON ST

Client ID: SB6 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	6760	56	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	2.13	0.75	mg/Kg	01/03/12		LK	6010/200.7
Barium	325	0.38	mg/Kg	01/03/12		LK	6010/200.7
Beryllium	0.30	0.30	mg/Kg	01/03/12		LK	6010/200.7
Calcium	19400	56	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	1.63	0.38	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	7.81	0.38	mg/Kg	01/03/12		LK	6010/200.7
Chromium	36.2	0.38	mg/Kg	01/03/12		LK	6010/200.7
Copper	101	0.38	mg/kg	01/03/12		EK	6010/200.7
Iron	18700	56	mg/Kg	01/03/12		LK	6010/200.7
Mercury	0.29	0.07	mg/Kg	12/22/11		RS	SW-7471
Potassium	725	5.6	mg/Kg	01/03/12		LK	6010/200.7
Magnesium	7260	56	mg/Kg	01/03/12		LK	6010/200.7
Manganese	318	3.8	mg/Kg	01/03/12		LK	6010/200.7
Sodium	281	5.6	mg/Kg	01/03/12		LK	6010/200.7
Nickel	92.9	0.38	mg/Kg	01/03/12		LK	6010/200.7
Lead	4380	38	mg/Kg	01/03/12		EK	6010/200.7
Antimony	< 3.8	3.8	mg/Kg	01/03/12		LK	6010/200.7
Selenium	< 1.5	1.5	mg/Kg	01/03/12		LK	6010/200.7
Thallium	< 3.4	3.4	mg/Kg	01/03/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	618	3.8	mg/Kg	01/03/12		LK	6010/200.7
Zinc	504	3.8	mg/Kg	01/03/12		LK	6010/200.7
Percent Solid	91		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB6 (0-2)

Phoenix I.D.: BB14046

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	360	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	360	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	106		%	12/22/11		MH	30 - 150 %
% TCMX	76		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	34	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	17	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.4	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	54	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.4	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	17	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	34	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.4	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	11	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	170	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	170	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	64		%	12/23/11		KCA	30 - 150 %
% TCMX	74		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB6 (0-2)

Phoenix I.D.: BB14046

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	270	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	270	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	270	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	1400	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	270	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	270	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	1400	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	1400	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	550	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	270	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	270	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	270	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	270	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	270	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	270	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	270	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	270	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	1400	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	550	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	270	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	270	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	270	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	270	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB6 (0-2)

Phoenix I.D.: BB14046

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	270	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	270	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	270	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	550	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	270	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	270	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	270	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	270	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	550	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	270	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	270	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	270	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	92		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	90		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	99		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	500	ug/Kg	12/23/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	500	ug/Kg	12/23/11		DD	SW 8270
1,2-Dichlorobenzene	ND	500	ug/Kg	12/23/11		DD	SW 8270
1,3-Dichlorobenzene	ND	500	ug/Kg	12/23/11		DD	SW 8270
1,4-Dichlorobenzene	ND	500	ug/Kg	12/23/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	500	ug/Kg	12/23/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	500	ug/Kg	12/23/11		DD	SW 8270
2,4-Dichlorophenol	ND	500	ug/Kg	12/23/11		DD	SW 8270
2,4-Dimethylphenol	ND	500	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrophenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrotoluene	ND	500	ug/Kg	12/23/11		DD	SW 8270
2,6-Dinitrotoluene	ND	500	ug/Kg	12/23/11		DD	SW 8270
2-Chloronaphthalene	ND	500	ug/Kg	12/23/11		DD	SW 8270
2-Chlorophenol	ND	500	ug/Kg	12/23/11		DD	SW 8270
2-Methylnaphthalene	2800	500	ug/Kg	12/23/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	500	ug/Kg	12/23/11		DD	SW 8270
2-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2-Nitrophenol	ND	500	ug/Kg	12/23/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	720	ug/Kg	12/23/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	500	ug/Kg	12/23/11		DD	SW 8270
3-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2100	ug/Kg	12/23/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	720	ug/Kg	12/23/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	500	ug/Kg	12/23/11		DD	SW 8270
4-Chloroaniline	ND	500	ug/Kg	12/23/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	500	ug/Kg	12/23/11		DD	SW 8270
4-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
4-Nitrophenol	ND	2100	ug/Kg	12/23/11		DD	SW 8270
Acenaphthene	4600	500	ug/Kg	12/23/11		DD	SW 8270
Acenaphthylene	510	500	ug/Kg	12/23/11		DD	SW 8270
Acetophenone	ND	500	ug/Kg	12/23/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB6 (0-2)

Phoenix I.D.: BB14046

Parameter	Result	RL	Units	Date	Time	By	Reference	
Aniline	ND	2100	ug/Kg	12/23/11		DD	SW 8270	
Anthracene	12000	500	ug/Kg	12/23/11		DD	SW 8270	
Azobenzene	ND	720	ug/Kg	12/23/11		DD	SW 8270	
Benz(a)anthracene	16000	500	ug/Kg	12/23/11		DD	SW 8270	
Benzidine	ND	870	ug/Kg	12/23/11		DD	SW 8270	
Benzo(a)pyrene	13000	500	ug/Kg	12/23/11		DD	SW 8270	
Benzo(b)fluoranthene	16000	500	ug/Kg	12/23/11		DD	SW 8270	
Benzo(ghi)perylene	3400	500	ug/Kg	12/23/11		DD	SW 8270	
Benzo(k)fluoranthene	4800	500	ug/Kg	12/23/11		DD	SW 8270	
Benzoic acid	ND	2100	ug/Kg	12/23/11		DD	SW 8270	
Benzyl butyl phthalate	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-chloroethyl)ether	ND	720	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Carbazole	3800	1100	ug/Kg	12/23/11		DD	SW 8270	
Chrysene	14000	500	ug/Kg	12/23/11		DD	SW 8270	
Dibenz(a,h)anthracene	1300	500	ug/Kg	12/23/11		DD	SW 8270	
Dibenzofuran	4300	500	ug/Kg	12/23/11		DD	SW 8270	
Diethyl phthalate	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Dimethylphthalate	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Di-n-butylphthalate	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Di-n-octylphthalate	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Fluoranthene	43000	500	ug/Kg	12/23/11		DD	SW 8270	
Fluorene	6600	500	ug/Kg	12/23/11		DD	SW 8270	
Hexachlorobenzene	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Hexachlorobutadiene	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Hexachlorocyclopentadiene	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Hexachloroethane	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Indeno(1,2,3-cd)pyrene	3800	500	ug/Kg	12/23/11		DD	SW 8270	
Isophorone	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Naphthalene	3600	500	ug/Kg	12/23/11		DD	SW 8270	
Nitrobenzene	ND	500	ug/Kg	12/23/11		DD	SW 8270	
N-Nitrosodimethylamine	ND	720	ug/Kg	12/23/11		DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	500	ug/Kg	12/23/11		DD	SW 8270	
N-Nitrosodiphenylamine	ND	720	ug/Kg	12/23/11		DD	SW 8270	
Pentachloronitrobenzene	ND	720	ug/Kg	12/23/11		DD	SW 8270	
Pentachlorophenol	ND	720	ug/Kg	12/23/11		DD	SW 8270	
Phenanthrene	49000	500	ug/Kg	12/23/11		DD	SW 8270	
Phenol	ND	500	ug/Kg	12/23/11		DD	SW 8270	
Pyrene	34000	500	ug/Kg	12/23/11		DD	SW 8270	
Pyridine	ND	720	ug/Kg	12/23/11		DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	148		%	12/23/11		DD	15 - 130 %	3
% 2-Fluorobiphenyl	90		%	12/23/11		DD	15 - 130 %	
% 2-Fluorophenol	88		%	12/23/11		DD	15 - 130 %	
% Nitrobenzene-d5	85		%	12/23/11		DD	15 - 130 %	
% Phenol-d5	95		%	12/23/11		DD	15 - 130 %	
% Terphenyl-d14	82		%	12/23/11		DD	15 - 130 %	

Project ID: 1426 FULTON ST
Client ID: SB6 (0-2)

Phoenix I.D.: BB14046

Parameter	Result	RL	Units	Date	Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

Comments:

* 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.

* 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.

Elevated reporting limits for volatiles due to dilution for sample matrix. Low-level samples were analyzed with poor internal standard response.

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

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	8:20
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14047

Project ID: 1426 FULTON ST

Client ID: SB6 (12-14)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.33	0.33	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	7920	50	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.66	0.66	mg/Kg	01/03/12		LK	6010/200.7
Barium	37.0	0.33	mg/Kg	01/03/12		LK	6010/200.7
Beryllium	0.35	0.27	mg/Kg	01/03/12		LK	6010/200.7
Calcium	2800	50	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	0.69	0.33	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	7.32	0.33	mg/Kg	01/03/12		LK	6010/200.7
Chromium	21.4	0.33	mg/Kg	01/03/12		LK	6010/200.7
Copper	15.8	0.33	mg/kg	01/03/12		EK	6010/200.7
Iron	19700	50	mg/Kg	01/03/12		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	12/22/11		RS	SW-7471
Potassium	1230	5.0	mg/Kg	01/03/12		LK	6010/200.7
Magnesium	3240	5.0	mg/Kg	01/03/12		LK	6010/200.7
Manganese	329	3.3	mg/Kg	01/03/12		LK	6010/200.7
Sodium	221	5.0	mg/Kg	01/03/12		LK	6010/200.7
Nickel	13.8	0.33	mg/Kg	01/03/12		LK	6010/200.7
Lead	7.72	0.33	mg/Kg	01/03/12		LK	6010/200.7
Antimony	< 3.3	3.3	mg/Kg	01/03/12		LK	6010/200.7
Selenium	< 1.3	1.3	mg/Kg	01/03/12		LK	6010/200.7
Thallium	< 3.0	3.0	mg/Kg	01/03/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	33.0	0.33	mg/Kg	01/03/12		LK	6010/200.7
Zinc	26.4	0.33	mg/Kg	01/03/12		LK	6010/200.7
Percent Solid	94		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB6 (12-14)

Phoenix I.D.: BB14047

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	350	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	106		%	12/22/11		MH	30 - 150 %
% TCMX	82		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	33	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	33	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	33	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	17	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.2	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	52	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.2	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	17	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	33	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	33	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	33	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	33	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	33	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.2	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	10	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	170	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	170	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	72		%	12/23/11		KCA	30 - 150 %
% TCMX	77		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB6 (12-14)

Phoenix I.D.: BB14047

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.3	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	92		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	93		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	100		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	12/23/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	240	ug/Kg	12/23/11		DD	SW 8270
1,2-Dichlorobenzene	ND	240	ug/Kg	12/23/11		DD	SW 8270
1,3-Dichlorobenzene	ND	240	ug/Kg	12/23/11		DD	SW 8270
1,4-Dichlorobenzene	ND	240	ug/Kg	12/23/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	240	ug/Kg	12/23/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	240	ug/Kg	12/23/11		DD	SW 8270
2,4-Dichlorophenol	ND	240	ug/Kg	12/23/11		DD	SW 8270
2,4-Dimethylphenol	ND	240	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrophenol	ND	560	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrotoluene	ND	240	ug/Kg	12/23/11		DD	SW 8270
2,6-Dinitrotoluene	ND	240	ug/Kg	12/23/11		DD	SW 8270
2-Chloronaphthalene	ND	240	ug/Kg	12/23/11		DD	SW 8270
2-Chlorophenol	ND	240	ug/Kg	12/23/11		DD	SW 8270
2-Methylnaphthalene	ND	240	ug/Kg	12/23/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	240	ug/Kg	12/23/11		DD	SW 8270
2-Nitroaniline	ND	560	ug/Kg	12/23/11		DD	SW 8270
2-Nitrophenol	ND	240	ug/Kg	12/23/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	12/23/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	240	ug/Kg	12/23/11		DD	SW 8270
3-Nitroaniline	ND	560	ug/Kg	12/23/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	12/23/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	12/23/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	240	ug/Kg	12/23/11		DD	SW 8270
4-Chloroaniline	ND	240	ug/Kg	12/23/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	12/23/11		DD	SW 8270
4-Nitroaniline	ND	560	ug/Kg	12/23/11		DD	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	12/23/11		DD	SW 8270
Acenaphthene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Acenaphthylene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Acetophenone	ND	240	ug/Kg	12/23/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB6 (12-14)

Phoenix I.D.: BB14047

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1000	ug/Kg	12/23/11		DD	SW 8270
Anthracene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Azobenzene	ND	350	ug/Kg	12/23/11		DD	SW 8270
Benz(a)anthracene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Benzidine	ND	420	ug/Kg	12/23/11		DD	SW 8270
Benzo(a)pyrene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Benzo(b)fluoranthene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Benzo(ghi)perylene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Benzo(k)fluoranthene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	12/23/11		DD	SW 8270
Benzyl butyl phthalate	ND	240	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	12/23/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	12/23/11		DD	SW 8270
Carbazole	ND	520	ug/Kg	12/23/11		DD	SW 8270
Chrysene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Dibenz(a,h)anthracene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Dibenzofuran	ND	240	ug/Kg	12/23/11		DD	SW 8270
Diethyl phthalate	ND	240	ug/Kg	12/23/11		DD	SW 8270
Dimethylphthalate	ND	240	ug/Kg	12/23/11		DD	SW 8270
Di-n-butylphthalate	ND	240	ug/Kg	12/23/11		DD	SW 8270
Di-n-octylphthalate	ND	240	ug/Kg	12/23/11		DD	SW 8270
Fluoranthene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Fluorene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobenzene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobutadiene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Hexachloroethane	ND	240	ug/Kg	12/23/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Isophorone	ND	240	ug/Kg	12/23/11		DD	SW 8270
Naphthalene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Nitrobenzene	ND	240	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	12/23/11		DD	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	12/23/11		DD	SW 8270
Pentachlorophenol	ND	350	ug/Kg	12/23/11		DD	SW 8270
Phenanthrene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Phenol	ND	240	ug/Kg	12/23/11		DD	SW 8270
Pyrene	ND	240	ug/Kg	12/23/11		DD	SW 8270
Pyridine	ND	350	ug/Kg	12/23/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	114		%	12/23/11		DD	15 - 130 %
% 2-Fluorobiphenyl	78		%	12/23/11		DD	15 - 130 %
% 2-Fluorophenol	77		%	12/23/11		DD	15 - 130 %
% Nitrobenzene-d5	77		%	12/23/11		DD	15 - 130 %
% Phenol-d5	81		%	12/23/11		DD	15 - 130 %
% Terphenyl-d14	96		%	12/23/11		DD	15 - 130 %

Project ID: 1426 FULTON ST
Client ID: SB6 (12-14)

Phoenix I.D.: BB14047

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	7:00
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14048

Project ID: 1426 FULTON ST

Client ID: SB7 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	0.42	0.37	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	6440	56	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	24.0	0.75	mg/Kg	01/03/12		LK	6010/200.7
Barium	736	0.37	mg/Kg	01/03/12		LK	6010/200.7
Beryllium	0.33	0.30	mg/Kg	01/03/12		LK	6010/200.7
Calcium	5870	56	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	11.7	0.37	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	14.5	0.37	mg/Kg	01/03/12		LK	6010/200.7
Chromium	114	0.37	mg/Kg	01/03/12		LK	6010/200.7
Copper	584	3.7	mg/kg	01/03/12		EK	6010/200.7
Iron	148000	560	mg/Kg	01/03/12		EK	6010/200.7
Mercury	0.34	0.09	mg/Kg	12/22/11		RS	SW-7471
Potassium	566	5.6	mg/Kg	01/03/12		LK	6010/200.7
Magnesium	1970	5.6	mg/Kg	01/03/12		LK	6010/200.7
Manganese	718	3.7	mg/Kg	01/03/12		LK	6010/200.7
Sodium	173	5.6	mg/Kg	01/03/12		LK	6010/200.7
Nickel	50.5	0.37	mg/Kg	01/03/12		LK	6010/200.7
Lead	2530	37	mg/Kg	01/03/12		EK	6010/200.7
Antimony	< 3.7	3.7	mg/Kg	01/03/12		LK	6010/200.7
Selenium	10.5	1.5	mg/Kg	01/03/12		LK	6010/200.7
Thallium	< 3.4	3.4	mg/Kg	01/03/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	53.2	0.37	mg/Kg	01/03/12		LK	6010/200.7
Zinc	1700	3.7	mg/Kg	01/03/12		LK	6010/200.7
Percent Solid	87		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB7 (0-2)

Phoenix I.D.: BB14048

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	380	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	380	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	112		%	12/22/11		MH	30 - 150 %
% TCMX	76		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	36	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	36	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	36	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	18	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.6	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	56	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.6	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	18	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	36	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	36	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	36	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	36	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	36	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.6	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	11	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	180	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	180	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	86		%	12/23/11		KCA	30 - 150 %
% TCMX	77		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB7 (0-2)

Phoenix I.D.: BB14048

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	7.9	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	29	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	29	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB7 (0-2)

Phoenix I.D.: BB14048

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.7	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	88		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	102		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	98		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	520	ug/Kg	12/23/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	520	ug/Kg	12/23/11		DD	SW 8270
1,2-Dichlorobenzene	ND	520	ug/Kg	12/23/11		DD	SW 8270
1,3-Dichlorobenzene	ND	520	ug/Kg	12/23/11		DD	SW 8270
1,4-Dichlorobenzene	ND	520	ug/Kg	12/23/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	520	ug/Kg	12/23/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	520	ug/Kg	12/23/11		DD	SW 8270
2,4-Dichlorophenol	ND	520	ug/Kg	12/23/11		DD	SW 8270
2,4-Dimethylphenol	ND	520	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrophenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrotoluene	ND	520	ug/Kg	12/23/11		DD	SW 8270
2,6-Dinitrotoluene	ND	520	ug/Kg	12/23/11		DD	SW 8270
2-Chloronaphthalene	ND	520	ug/Kg	12/23/11		DD	SW 8270
2-Chlorophenol	ND	520	ug/Kg	12/23/11		DD	SW 8270
2-Methylnaphthalene	ND	520	ug/Kg	12/23/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	520	ug/Kg	12/23/11		DD	SW 8270
2-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2-Nitrophenol	ND	520	ug/Kg	12/23/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	750	ug/Kg	12/23/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	520	ug/Kg	12/23/11		DD	SW 8270
3-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2200	ug/Kg	12/23/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	750	ug/Kg	12/23/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	520	ug/Kg	12/23/11		DD	SW 8270
4-Chloroaniline	ND	520	ug/Kg	12/23/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	520	ug/Kg	12/23/11		DD	SW 8270
4-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
4-Nitrophenol	ND	2200	ug/Kg	12/23/11		DD	SW 8270
Acenaphthene	1300	520	ug/Kg	12/23/11		DD	SW 8270
Acenaphthylene	ND	520	ug/Kg	12/23/11		DD	SW 8270
Acetophenone	ND	520	ug/Kg	12/23/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB7 (0-2)

Phoenix I.D.: BB14048

Parameter	Result	RL	Units	Date	Time	By	Reference	
Aniline	ND	2200	ug/Kg	12/23/11		DD	SW 8270	
Anthracene	2700	520	ug/Kg	12/23/11		DD	SW 8270	
Azobenzene	ND	750	ug/Kg	12/23/11		DD	SW 8270	
Benz(a)anthracene	7500	520	ug/Kg	12/23/11		DD	SW 8270	
Benzidine	ND	900	ug/Kg	12/23/11		DD	SW 8270	
Benzo(a)pyrene	7200	520	ug/Kg	12/23/11		DD	SW 8270	
Benzo(b)fluoranthene	10000	520	ug/Kg	12/23/11		DD	SW 8270	
Benzo(ghi)perylene	2900	520	ug/Kg	12/23/11		DD	SW 8270	
Benzo(k)fluoranthene	2800	520	ug/Kg	12/23/11		DD	SW 8270	
Benzoic acid	ND	2200	ug/Kg	12/23/11		DD	SW 8270	
Benzyl butyl phthalate	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-chloroethyl)ether	ND	750	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Bis(2-ethylhexyl)phthalate	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Carbazole	ND	1100	ug/Kg	12/23/11		DD	SW 8270	
Chrysene	7400	520	ug/Kg	12/23/11		DD	SW 8270	
Dibenz(a,h)anthracene	830	520	ug/Kg	12/23/11		DD	SW 8270	
Dibenzofuran	690	520	ug/Kg	12/23/11		DD	SW 8270	
Diethyl phthalate	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Dimethylphthalate	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Di-n-butylphthalate	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Di-n-octylphthalate	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Fluoranthene	19000	520	ug/Kg	12/23/11		DD	SW 8270	
Fluorene	1200	520	ug/Kg	12/23/11		DD	SW 8270	
Hexachlorobenzene	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Hexachlorobutadiene	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Hexachlorocyclopentadiene	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Hexachloroethane	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Indeno(1,2,3-cd)pyrene	2800	520	ug/Kg	12/23/11		DD	SW 8270	
Isophorone	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Naphthalene	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Nitrobenzene	ND	520	ug/Kg	12/23/11		DD	SW 8270	
N-Nitrosodimethylamine	ND	750	ug/Kg	12/23/11		DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	520	ug/Kg	12/23/11		DD	SW 8270	
N-Nitrosodiphenylamine	ND	750	ug/Kg	12/23/11		DD	SW 8270	
Pentachloronitrobenzene	ND	750	ug/Kg	12/23/11		DD	SW 8270	
Pentachlorophenol	ND	750	ug/Kg	12/23/11		DD	SW 8270	
Phenanthrene	16000	520	ug/Kg	12/23/11		DD	SW 8270	
Phenol	ND	520	ug/Kg	12/23/11		DD	SW 8270	
Pyrene	17000	520	ug/Kg	12/23/11		DD	SW 8270	
Pyridine	ND	750	ug/Kg	12/23/11		DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	131		%	12/23/11		DD	15 - 130 %	3
% 2-Fluorobiphenyl	95		%	12/23/11		DD	15 - 130 %	
% 2-Fluorophenol	88		%	12/23/11		DD	15 - 130 %	
% Nitrobenzene-d5	88		%	12/23/11		DD	15 - 130 %	
% Phenol-d5	93		%	12/23/11		DD	15 - 130 %	
% Terphenyl-d14	89		%	12/23/11		DD	15 - 130 %	

Project ID: 1426 FULTON ST
Client ID: SB7 (0-2)

Phoenix I.D.: BB14048

Parameter	Result	RL	Units	Date	Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	7:15
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14049

Project ID: 1426 FULTON ST

Client ID: SB7 (12-14)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	6560	54	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.72	0.72	mg/Kg	01/03/12		LK	6010/200.7
Barium	82.5	0.36	mg/Kg	01/03/12		LK	6010/200.7
Beryllium	0.42	0.29	mg/Kg	01/03/12		LK	6010/200.7
Calcium	773	54	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	0.72	0.36	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	6.17	0.36	mg/Kg	01/03/12		LK	6010/200.7
Chromium	14.2	0.36	mg/Kg	01/03/12		LK	6010/200.7
Copper	12.4	0.36	mg/kg	01/03/12		EK	6010/200.7
Iron	18500	54	mg/Kg	01/03/12		LK	6010/200.7
Mercury	< 0.07	0.07	mg/Kg	12/22/11		RS	SW-7471
Potassium	627	5.4	mg/Kg	01/03/12		LK	6010/200.7
Magnesium	1330	5.4	mg/Kg	01/03/12		LK	6010/200.7
Manganese	435	3.6	mg/Kg	01/03/12		LK	6010/200.7
Sodium	110	5.4	mg/Kg	01/03/12		LK	6010/200.7
Nickel	13.9	0.36	mg/Kg	01/03/12		LK	6010/200.7
Lead	6.87	0.36	mg/Kg	01/03/12		LK	6010/200.7
Antimony	< 3.6	3.6	mg/Kg	01/03/12		LK	6010/200.7
Selenium	< 1.4	1.4	mg/Kg	01/03/12		LK	6010/200.7
Thallium	< 3.2	3.2	mg/Kg	01/03/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	30.7	0.36	mg/Kg	01/03/12		LK	6010/200.7
Zinc	22.7	0.36	mg/Kg	01/03/12		LK	6010/200.7
Percent Solid	93		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: SB7 (12-14)

Phoenix I.D.: BB14049

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	350	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	350	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	98		%	12/22/11		MH	30 - 150 %
% TCMX	77		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	34	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	34	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	17	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	53	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	17	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	17	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	34	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	34	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.3	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	11	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	17	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	170	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	170	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	74		%	12/23/11		KCA	30 - 150 %
% TCMX	78		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB7 (12-14)

Phoenix I.D.: BB14049

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: SB7 (12-14)

Phoenix I.D.: BB14049

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	92		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	92		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	100		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	12/23/11		DD	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	12/23/11		DD	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	12/23/11		DD	SW 8270
2-Chlorophenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	12/23/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	12/23/11		DD	SW 8270
2-Nitroaniline	ND	570	ug/Kg	12/23/11		DD	SW 8270
2-Nitrophenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	12/23/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	250	ug/Kg	12/23/11		DD	SW 8270
3-Nitroaniline	ND	570	ug/Kg	12/23/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	12/23/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	12/23/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
4-Chloroaniline	ND	250	ug/Kg	12/23/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	12/23/11		DD	SW 8270
4-Nitroaniline	ND	570	ug/Kg	12/23/11		DD	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	12/23/11		DD	SW 8270
Acenaphthene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Acetophenone	ND	250	ug/Kg	12/23/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: SB7 (12-14)

Phoenix I.D.: BB14049

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	1000	ug/Kg	12/23/11		DD	SW 8270
Anthracene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Azobenzene	ND	360	ug/Kg	12/23/11		DD	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Benzidine	ND	430	ug/Kg	12/23/11		DD	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	12/23/11		DD	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	12/23/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Carbazole	ND	540	ug/Kg	12/23/11		DD	SW 8270
Chrysene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Dibenzofuran	ND	250	ug/Kg	12/23/11		DD	SW 8270
Diethyl phthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Dimethylphthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	12/23/11		DD	SW 8270
Fluoranthene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Fluorene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Hexachloroethane	ND	250	ug/Kg	12/23/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Isophorone	ND	250	ug/Kg	12/23/11		DD	SW 8270
Naphthalene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Nitrobenzene	ND	250	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	12/23/11		DD	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	12/23/11		DD	SW 8270
Pentachlorophenol	ND	360	ug/Kg	12/23/11		DD	SW 8270
Phenanthrene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Phenol	ND	250	ug/Kg	12/23/11		DD	SW 8270
Pyrene	ND	250	ug/Kg	12/23/11		DD	SW 8270
Pyridine	ND	360	ug/Kg	12/23/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	118		%	12/23/11		DD	15 - 130 %
% 2-Fluorobiphenyl	85		%	12/23/11		DD	15 - 130 %
% 2-Fluorophenol	83		%	12/23/11		DD	15 - 130 %
% Nitrobenzene-d5	83		%	12/23/11		DD	15 - 130 %
% Phenol-d5	86		%	12/23/11		DD	15 - 130 %
% Terphenyl-d14	106		%	12/23/11		DD	15 - 130 %

Project ID: 1426 FULTON ST
Client ID: SB7 (12-14)

Phoenix I.D.: BB14049

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	9:55
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14050

Project ID: 1426 FULTON ST

Client ID: GW 1

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Aluminum	151	0.10	mg/L	01/02/12		LK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	01/02/12		LK	6010/200.7
Barium	2.69	0.002	mg/L	12/31/11		LK	6010/200.7
Beryllium	0.010	0.001	mg/L	12/31/11		LK	6010/200.7
Calcium	82.4	0.010	mg/L	12/31/11		LK	6010/200.7
Cadmium	0.022	0.001	mg/L	01/02/12		LK	6010/200.7
Cobalt	0.503	0.002	mg/L	12/31/11		LK	6010/200.7
Chromium	0.931	0.001	mg/L	12/31/11		LK	6010/200.7
Copper	1.23	0.001	mg/L	12/31/11		LK	6010/200.7
Silver (Dissolved)	< 0.001	0.001	mg/L	01/02/12		LK	6010/200.7
Aluminum (Dissolved)	0.77	0.01	mg/L	12/31/11		LK	6010/200.7
Arsenic (Dissolved)	< 0.004	0.004	mg/L	12/31/11		LK	6010/200.7
Barium (Dissolved)	0.082	0.002	mg/L	12/31/11		LK	6010/200.7
Beryllium (Dissolved)	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Calcium (Dissolved)	37.2	0.01	mg/L	12/31/11		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Cobalt (Dissolved)	0.006	0.001	mg/L	12/31/11		LK	6010/200.7
Chromium (Dissolved)	0.002	0.001	mg/L	12/31/11		LK	6010/200.7
Copper (Dissolved)	0.003	0.001	mg/L	12/31/11		LK	6010/200.7
Iron (Dissolved)	1.40	0.011	mg/L	12/31/11		LK	6010/200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	12/22/11		RS	7470/E245.1
Potassium (Dissolved)	4.90	0.1	mg/L	01/02/12		LK	6010/200.7
Magnesium (Dissolved)	28.3	0.01	mg/L	12/31/11		LK	6010/200.7
Manganese (Dissolved)	3.25	0.010	mg/L	01/02/12		LK	6010/200.7
Sodium (Dissolved)	53.7	1.00	mg/L	01/02/12		LK	6010/200.7
Nickel (Dissolved)	0.021	0.001	mg/L	12/31/11		LK	6010/200.7
Lead (Dissolved)	< 0.002	0.002	mg/L	01/02/12		LK	6010/200.7

Project ID: 1426 FULTON ST
Client ID: GW 1

Phoenix I.D.: BB14050

Parameter	Result	RL	Units	Date	Time	By	Reference
Antimony (Dissolved)	< 0.005	0.005	mg/L	12/31/11		LK	6010/200.7
Selenium (Dissolved)	< 0.011	0.011	mg/L	12/31/11		LK	6010/200.7
Thallium (Dissolved)	< 0.002	0.002	mg/L	12/27/11		RS	7010/279.2
Vanadium (Dissolved)	< 0.002	0.002	mg/L	12/31/11		LK	6010/200.7
Zinc (Dissolved)	0.003	0.002	mg/L	12/31/11		LK	6010/200.7
Iron	524	0.10	mg/L	01/02/12		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	12/22/11		RS	7470/E245.1
Potassium	44.4	0.1	mg/L	01/02/12		LK	6010/200.7
Magnesium	116	0.10	mg/L	01/02/12		LK	6010/200.7
Manganese	41.0	0.10	mg/L	01/09/12		LK	6010/200.7
Sodium	55.4	1.0	mg/L	01/02/12		LK	6010/200.7
Nickel	0.999	0.001	mg/L	12/31/11		LK	6010/200.7
Lead	0.279	0.002	mg/L	12/31/11		LK	6010/200.7
Antimony	< 0.005	0.005	mg/L	12/31/11		LK	6010/200.7
Selenium	0.029	0.010	mg/L	12/31/11		LK	6010/200.7
Thallium	< 0.002	0.002	mg/L	12/27/11		RS	SW7010/200.9
Dissolved Metals Preparation	Completed			12/21/11		AG	SW846-3005
Total Metals Digestion	Completed			12/21/11		AG	
Vanadium	0.545	0.002	mg/L	12/31/11		LK	6010/200.7
Zinc	0.954	0.002	mg/L	12/31/11		LK	6010/200.7
Filtration	Completed			12/21/11		AG	0.45um Filter
Dissolved Mercury Digestion	Completed			12/22/11			SW7470
Mercury Digestion	Completed			12/22/11			7471/245.1
Semi-Volatile Extraction	Completed			12/22/11		F/D	SW3520
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
2-Hexanone	ND	5.0	ug/L	12/23/11		H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/23/11		H/T	SW8260

Project ID: 1426 FULTON ST
Client ID: GW 1

Phoenix I.D.: BB14050

Parameter	Result	RL	Units	Date	Time	By	Reference
Acetone	ND	25	ug/L	12/23/11		H/T	SW8260
Acrylonitrile	ND	5.0	ug/L	12/23/11		H/T	SW8260
Benzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
Bromoform	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromomethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/23/11		H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloroform	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/23/11		H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
Dibromoethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Dibromomethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/23/11		H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/23/11		H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/23/11		H/T	SW8260
Methylene chloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
Naphthalene	ND	1.0	ug/L	12/23/11		H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
o-Xylene	ND	1.0	ug/L	12/23/11		H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Styrene	ND	1.0	ug/L	12/23/11		H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/23/11		H/T	SW8260
Toluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Total Xylenes	ND	1.0	ug/L	12/23/11		H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/23/11		H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/23/11		H/T	SW8260
Trichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	12/23/11		H/T	70 - 130 %
% Bromofluorobenzene	85		%	12/23/11		H/T	70 - 130 %
% Dibromofluoromethane	103		%	12/23/11		H/T	70 - 130 %

Project ID: 1426 FULTON ST
Client ID: GW 1

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Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	95		%	12/23/11		H/T	70 - 130 %
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
1,4-Dichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
2,4,5-Trichlorophenol	ND	10	ug/L	12/24/11		DD	SW8270
2,4,6-Trichlorophenol	ND	10	ug/L	12/24/11		DD	SW8270
2,4-Dichlorophenol	ND	10	ug/L	12/24/11		DD	SW8270
2,4-Dimethylphenol	ND	10	ug/L	12/24/11		DD	SW8270
2,4-Dinitrophenol	ND	50	ug/L	12/24/11		DD	SW8270
2,4-Dinitrotoluene	ND	5.0	ug/L	12/24/11		DD	SW8270
2,6-Dinitrotoluene	ND	5.0	ug/L	12/24/11		DD	SW8270
2-Chloronaphthalene	ND	5.0	ug/L	12/24/11		DD	SW8270
2-Chlorophenol	ND	10	ug/L	12/24/11		DD	SW8270
2-Methylnaphthalene	ND	5.0	ug/L	12/24/11		DD	SW8270
2-Methylphenol (o-cresol)	ND	10	ug/L	12/24/11		DD	SW8270
2-Nitroaniline	ND	50	ug/L	12/24/11		DD	SW8270
2-Nitrophenol	ND	10	ug/L	12/24/11		DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	12/24/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	50	ug/L	12/24/11		DD	SW8270
3-Nitroaniline	ND	50	ug/L	12/24/11		DD	SW8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	12/24/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	5.0	ug/L	12/24/11		DD	SW8270
4-Chloro-3-methylphenol	ND	20	ug/L	12/24/11		DD	SW8270
4-Chloroaniline	ND	20	ug/L	12/24/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	12/24/11		DD	SW8270
4-Nitroaniline	ND	20	ug/L	12/24/11		DD	SW8270
4-Nitrophenol	ND	50	ug/L	12/24/11		DD	SW8270
Acetophenone	ND	5.0	ug/L	12/24/11		DD	SW8270
Aniline	ND	10	ug/L	12/24/11		DD	SW8270
Anthracene	ND	5.0	ug/L	12/24/11		DD	SW8270
Azobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
Benzidine	ND	50	ug/L	12/24/11		DD	SW8270
Benzoic acid	ND	50	ug/L	12/24/11		DD	SW8270
Benzyl butyl phthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	12/24/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	5.0	ug/L	12/24/11		DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	12/24/11		DD	SW8270
Carbazole	ND	5.0	ug/L	12/24/11		DD	SW8270
Dibenzofuran	ND	5.0	ug/L	12/24/11		DD	SW8270
Diethyl phthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Dimethylphthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Di-n-butylphthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Di-n-octylphthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Fluoranthene	ND	5.0	ug/L	12/24/11		DD	SW8270
Fluorene	ND	5.0	ug/L	12/24/11		DD	SW8270
Hexachlorobutadiene	ND	5.0	ug/L	12/24/11		DD	SW8270
Hexachlorocyclopentadiene	ND	5.0	ug/L	12/24/11		DD	SW8270
Isophorone	ND	5.0	ug/L	12/24/11		DD	SW8270

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Parameter	Result	RL	Units	Date	Time	By	Reference	
Naphthalene	ND	5.0	ug/L	12/24/11		DD	SW8270	
Nitrobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270	
N-Nitrosodimethylamine	ND	5.0	ug/L	12/24/11		DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	12/24/11		DD	SW8270	
N-Nitrosodiphenylamine	ND	5.0	ug/L	12/24/11		DD	SW8270	
Phenol	ND	10	ug/L	12/24/11		DD	SW8270	
Pyrene	ND	5.0	ug/L	12/24/11		DD	SW8270	
Pyridine	ND	5.0	ug/L	12/24/11		DD	SW8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	17		%	12/24/11		DD	15 - 130 %	
% 2-Fluorobiphenyl	59		%	12/24/11		DD	15 - 130 %	
% 2-Fluorophenol	7.7		%	12/24/11		DD	15 - 130 %	3
% Nitrobenzene-d5	75		%	12/24/11		DD	15 - 130 %	
% Phenol-d5	38		%	12/24/11		DD	15 - 130 %	
% Terphenyl-d14	67		%	12/24/11		DD	15 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	12/23/11		DD	SW8270 (SIM)	
Acenaphthene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Acenaphthylene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Benz(a)anthracene	ND	0.040	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(a)pyrene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(b)fluoranthene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(ghi)perylene	ND	3.0	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(k)fluoranthene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	12/23/11		DD	SW8270 (SIM)	
Chrysene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	ND	0.010	ug/L	12/23/11		DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.060	ug/L	12/23/11		DD	SW8270 (SIM)	
Hexachloroethane	ND	2.4	ug/L	12/23/11		DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.10	ug/L	12/23/11		DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.80	ug/L	12/23/11		DD	SW8270 (SIM)	
Phenanthrene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	17		%	12/23/11		DD	15 - 130 %	
% 2-Fluorobiphenyl	59		%	12/23/11		DD	15 - 130 %	
% 2-Fluorophenol	7.7		%	12/23/11		DD	15 - 130 %	3
% Nitrobenzene-d5	75		%	12/23/11		DD	15 - 130 %	
% Phenol-d5	38		%	12/23/11		DD	15 - 130 %	
% Terphenyl-d14	67		%	12/23/11		DD	15 - 130 %	

Project ID: 1426 FULTON ST
Client ID: GW 1

Phoenix I.D.: BB14050

Parameter	Result	RL	Units	Date	Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

Comments:

* Poor surrogate recovery was observed for semivolatiles and there was insufficient sample for re-extraction. The other surrogates associated with this sample were within QA/QC criteria.

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

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/19/11	7:45
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14051

Project ID: 1426 FULTON ST

Client ID: GW 2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Aluminum	24.3	0.010	mg/L	12/31/11		LK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	01/02/12		LK	6010/200.7
Barium	0.351	0.002	mg/L	12/31/11		LK	6010/200.7
Beryllium	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Calcium	27.5	0.010	mg/L	12/31/11		LK	6010/200.7
Cadmium	0.006	0.001	mg/L	12/31/11		LK	6010/200.7
Cobalt	0.052	0.002	mg/L	12/31/11		LK	6010/200.7
Chromium	0.539	0.001	mg/L	12/31/11		LK	6010/200.7
Copper	0.273	0.001	mg/L	12/31/11		LK	6010/200.7
Silver (Dissolved)	< 0.001	0.001	mg/L	01/02/12		LK	6010/200.7
Aluminum (Dissolved)	0.24	0.01	mg/L	12/31/11		LK	6010/200.7
Arsenic (Dissolved)	< 0.004	0.004	mg/L	12/31/11		LK	6010/200.7
Barium (Dissolved)	0.034	0.002	mg/L	12/31/11		LK	6010/200.7
Beryllium (Dissolved)	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Calcium (Dissolved)	19.4	0.01	mg/L	12/31/11		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Cobalt (Dissolved)	0.002	0.001	mg/L	12/31/11		LK	6010/200.7
Chromium (Dissolved)	0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Copper (Dissolved)	0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Iron (Dissolved)	0.611	0.011	mg/L	12/31/11		LK	6010/200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	12/22/11		RS	7470/E245.1
Potassium (Dissolved)	3.45	0.1	mg/L	01/02/12		LK	6010/200.7
Magnesium (Dissolved)	11.6	0.01	mg/L	12/31/11		LK	6010/200.7
Manganese (Dissolved)	0.711	0.001	mg/L	12/31/11		LK	6010/200.7
Sodium (Dissolved)	126	1.00	mg/L	01/02/12		LK	6010/200.7
Nickel (Dissolved)	0.014	0.001	mg/L	12/31/11		LK	6010/200.7
Lead (Dissolved)	< 0.002	0.002	mg/L	01/02/12		LK	6010/200.7

Project ID: 1426 FULTON ST
Client ID: GW 2

Phoenix I.D.: BB14051

Parameter	Result	RL	Units	Date	Time	By	Reference
Antimony (Dissolved)	< 0.005	0.005	mg/L	12/31/11		LK	6010/200.7
Selenium (Dissolved)	< 0.011	0.011	mg/L	12/31/11		LK	6010/200.7
Thallium (Dissolved)	< 0.002	0.002	mg/L	12/27/11		RS	7010/279.2
Vanadium (Dissolved)	< 0.002	0.002	mg/L	12/31/11		LK	6010/200.7
Zinc (Dissolved)	0.004	0.002	mg/L	12/31/11		LK	6010/200.7
Iron	102	0.010	mg/L	12/31/11		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	12/22/11		RS	7470/E245.1
Potassium	9.1	0.1	mg/L	01/02/12		LK	6010/200.7
Magnesium	26.8	0.01	mg/L	12/31/11		LK	6010/200.7
Manganese	3.46	0.010	mg/L	01/02/12		LK	6010/200.7
Sodium	113	1.0	mg/L	01/02/12		LK	6010/200.7
Nickel	0.272	0.001	mg/L	12/31/11		LK	6010/200.7
Lead	0.040	0.002	mg/L	12/31/11		LK	6010/200.7
Antimony	< 0.005	0.005	mg/L	12/31/11		LK	6010/200.7
Selenium	0.011	0.010	mg/L	12/31/11		LK	6010/200.7
Thallium	< 0.002	0.002	mg/L	12/27/11		RS	SW7010/200.9
Dissolved Metals Preparation	Completed			12/21/11		AG	SW846-3005
Total Metals Digestion	Completed			12/21/11		AG	
Vanadium	0.091	0.002	mg/L	12/31/11		LK	6010/200.7
Zinc	0.256	0.002	mg/L	12/31/11		LK	6010/200.7
Filtration	Completed			12/21/11		AG	0.45um Filter
Dissolved Mercury Digestion	Completed			12/22/11			SW7470
Mercury Digestion	Completed			12/22/11			7471/245.1
PCB Extraction	Completed			12/22/11		L/L	SW3510C
Extraction for Pest (2 Liter)	Completed			12/22/11		L	SW3510
Semi-Volatile Extraction	Completed			12/22/11		F/D	SW3520
Polychlorinated Biphenyls							
PCB-1016	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1221	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1232	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1242	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1248	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1254	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1260	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1262	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1268	ND	0.10	ug/L	12/22/11		MH	608/ 8082
QA/QC Surrogates							
% DCBP	43		%	12/22/11		MH	30 - 150 %
% TCMX	59		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	0.1	ug/L	12/22/11		MR	SW8081
4,4' -DDE	ND	0.1	ug/L	12/22/11		MR	SW8081
4,4' -DDT	ND	0.1	ug/L	12/22/11		MR	SW8081
a-BHC	ND	0.05	ug/L	12/22/11		MR	SW8081
Alachlor	ND	0.1	ug/L	12/22/11		MR	SW8081
Aldrin	ND	0.01	ug/L	12/22/11		MR	SW8081
b-BHC	ND	0.05	ug/L	12/22/11		MR	SW8081
Chlordane	ND	0.3	ug/L	12/22/11		MR	SW8081
d-BHC	ND	0.05	ug/L	12/22/11		MR	SW8081

Project ID: 1426 FULTON ST
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Phoenix I.D.: BB14051

Parameter	Result	RL	Units	Date	Time	By	Reference
Dieldrin	ND	0.01	ug/L	12/22/11		MR	SW8081
Endosulfan I	ND	0.1	ug/L	12/22/11		MR	SW8081
Endosulfan II	ND	0.1	ug/L	12/22/11		MR	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	12/22/11		MR	SW8081
Endrin	ND	0.1	ug/L	12/22/11		MR	SW8081
Endrin Aldehyde	ND	0.1	ug/L	12/22/11		MR	SW8081
Endrin ketone	ND	0.1	ug/L	12/22/11		MR	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	12/22/11		MR	SW8081
Heptachlor	ND	0.05	ug/L	12/22/11		MR	SW8081
Heptachlor epoxide	ND	0.05	ug/L	12/22/11		MR	SW8081
Methoxychlor	ND	0.6	ug/L	12/22/11		MR	SW8081
Toxaphene	ND	1.5	ug/L	12/22/11		MR	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	49		%	12/22/11		MR	30 - 150 %
%TCMX (Surrogate Rec)	70		%	12/22/11		MR	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
2-Hexanone	ND	5.0	ug/L	12/23/11		H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/23/11		H/T	SW8260
Acetone	ND	25	ug/L	12/23/11		H/T	SW8260
Acrylonitrile	ND	5.0	ug/L	12/23/11		H/T	SW8260
Benzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
Bromoform	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromomethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/23/11		H/T	SW8260

Project ID: 1426 FULTON ST
Client ID: GW 2

Phoenix I.D.: BB14051

Parameter	Result	RL	Units	Date	Time	By	Reference
Carbon tetrachloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloroform	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/23/11		H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
Dibromoethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Dibromomethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/23/11		H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/23/11		H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/23/11		H/T	SW8260
Methylene chloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
Naphthalene	ND	1.0	ug/L	12/23/11		H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
o-Xylene	ND	1.0	ug/L	12/23/11		H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Styrene	ND	1.0	ug/L	12/23/11		H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/23/11		H/T	SW8260
Toluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Total Xylenes	ND	1.0	ug/L	12/23/11		H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/23/11		H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/23/11		H/T	SW8260
Trichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	12/23/11		H/T	70 - 130 %
% Bromofluorobenzene	88		%	12/23/11		H/T	70 - 130 %
% Dibromofluoromethane	85		%	12/23/11		H/T	70 - 130 %
% Toluene-d8	98		%	12/23/11		H/T	70 - 130 %
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
1,4-Dichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
2,4,5-Trichlorophenol	ND	10	ug/L	12/24/11		DD	SW8270
2,4,6-Trichlorophenol	ND	10	ug/L	12/24/11		DD	SW8270
2,4-Dichlorophenol	ND	10	ug/L	12/24/11		DD	SW8270

Project ID: 1426 FULTON ST
Client ID: GW 2

Phoenix I.D.: BB14051

Parameter	Result	RL	Units	Date	Time	By	Reference
2,4-Dimethylphenol	ND	10	ug/L	12/24/11		DD	SW8270
2,4-Dinitrophenol	ND	50	ug/L	12/24/11		DD	SW8270
2,4-Dinitrotoluene	ND	5.0	ug/L	12/24/11		DD	SW8270
2,6-Dinitrotoluene	ND	5.0	ug/L	12/24/11		DD	SW8270
2-Chloronaphthalene	ND	5.0	ug/L	12/24/11		DD	SW8270
2-Chlorophenol	ND	10	ug/L	12/24/11		DD	SW8270
2-Methylnaphthalene	ND	5.0	ug/L	12/24/11		DD	SW8270
2-Methylphenol (o-cresol)	ND	10	ug/L	12/24/11		DD	SW8270
2-Nitroaniline	ND	50	ug/L	12/24/11		DD	SW8270
2-Nitrophenol	ND	10	ug/L	12/24/11		DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	12/24/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	50	ug/L	12/24/11		DD	SW8270
3-Nitroaniline	ND	50	ug/L	12/24/11		DD	SW8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	12/24/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	5.0	ug/L	12/24/11		DD	SW8270
4-Chloro-3-methylphenol	ND	20	ug/L	12/24/11		DD	SW8270
4-Chloroaniline	ND	20	ug/L	12/24/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	12/24/11		DD	SW8270
4-Nitroaniline	ND	20	ug/L	12/24/11		DD	SW8270
4-Nitrophenol	ND	50	ug/L	12/24/11		DD	SW8270
Acetophenone	ND	5.0	ug/L	12/24/11		DD	SW8270
Aniline	ND	10	ug/L	12/24/11		DD	SW8270
Anthracene	ND	5.0	ug/L	12/24/11		DD	SW8270
Azobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
Benzidine	ND	50	ug/L	12/24/11		DD	SW8270
Benzoic acid	ND	50	ug/L	12/24/11		DD	SW8270
Benzyl butyl phthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	12/24/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	5.0	ug/L	12/24/11		DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	12/24/11		DD	SW8270
Carbazole	ND	5.0	ug/L	12/24/11		DD	SW8270
Dibenzofuran	ND	5.0	ug/L	12/24/11		DD	SW8270
Diethyl phthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Dimethylphthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Di-n-butylphthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Di-n-octylphthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Fluoranthene	ND	5.0	ug/L	12/24/11		DD	SW8270
Fluorene	ND	5.0	ug/L	12/24/11		DD	SW8270
Hexachlorobutadiene	ND	5.0	ug/L	12/24/11		DD	SW8270
Hexachlorocyclopentadiene	ND	5.0	ug/L	12/24/11		DD	SW8270
Isophorone	ND	5.0	ug/L	12/24/11		DD	SW8270
Naphthalene	ND	5.0	ug/L	12/24/11		DD	SW8270
Nitrobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
N-Nitrosodimethylamine	ND	5.0	ug/L	12/24/11		DD	SW8270
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	12/24/11		DD	SW8270
N-Nitrosodiphenylamine	ND	5.0	ug/L	12/24/11		DD	SW8270
Phenol	ND	10	ug/L	12/24/11		DD	SW8270
Pyrene	ND	5.0	ug/L	12/24/11		DD	SW8270
Pyridine	ND	5.0	ug/L	12/24/11		DD	SW8270

QA/QC Surrogates

Project ID: 1426 FULTON ST
Client ID: GW 2

Phoenix I.D.: BB14051

Parameter	Result	RL	Units	Date	Time	By	Reference	
% 2,4,6-Tribromophenol	16		%	12/24/11		DD	15 - 130 %	
% 2-Fluorobiphenyl	61		%	12/24/11		DD	15 - 130 %	
% 2-Fluorophenol	5.3		%	12/24/11		DD	15 - 130 %	3
% Nitrobenzene-d5	76		%	12/24/11		DD	15 - 130 %	
% Phenol-d5	18		%	12/24/11		DD	15 - 130 %	
% Terphenyl-d14	61		%	12/24/11		DD	15 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	12/23/11		DD	SW8270 (SIM)	
Acenaphthene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Acenaphthylene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Benz(a)anthracene	0.04	0.040	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(a)pyrene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(b)fluoranthene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(ghi)perylene	ND	3.0	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(k)fluoranthene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	12/23/11		DD	SW8270 (SIM)	
Chrysene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	ND	0.010	ug/L	12/23/11		DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.060	ug/L	12/23/11		DD	SW8270 (SIM)	
Hexachloroethane	ND	2.4	ug/L	12/23/11		DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.10	ug/L	12/23/11		DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.80	ug/L	12/23/11		DD	SW8270 (SIM)	
Phenanthrene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	16		%	12/23/11		DD	15 - 130 %	
% 2-Fluorobiphenyl	61		%	12/23/11		DD	15 - 130 %	
% 2-Fluorophenol	5.3		%	12/23/11		DD	15 - 130 %	3
% Nitrobenzene-d5	76		%	12/23/11		DD	15 - 130 %	
% Phenol-d5	18		%	12/23/11		DD	15 - 130 %	
% Terphenyl-d14	61		%	12/23/11		DD	15 - 130 %	

3 = This parameter exceeds laboratory specified limits.

Comments:

* Poor surrogate recovery was observed for semivolatiles and there was insufficient sample for re-extraction. The other surrogates associated with this sample were within QA/QC criteria.

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

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	7:20
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14052

Project ID: 1426 FULTON ST

Client ID: GW 3

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Aluminum	63.1	0.10	mg/L	01/02/12		LK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	01/02/12		LK	6010/200.7
Barium	1.17	0.002	mg/L	12/31/11		LK	6010/200.7
Beryllium	0.003	0.001	mg/L	12/31/11		LK	6010/200.7
Calcium	79.2	0.010	mg/L	12/31/11		LK	6010/200.7
Cadmium	0.011	0.001	mg/L	12/31/11		LK	6010/200.7
Cobalt	0.180	0.002	mg/L	12/31/11		LK	6010/200.7
Chromium	0.503	0.001	mg/L	12/31/11		LK	6010/200.7
Copper	0.541	0.001	mg/L	12/31/11		LK	6010/200.7
Silver (Dissolved)	< 0.001	0.001	mg/L	01/02/12		LK	6010/200.7
Aluminum (Dissolved)	0.44	0.01	mg/L	12/31/11		LK	6010/200.7
Arsenic (Dissolved)	< 0.004	0.004	mg/L	12/31/11		LK	6010/200.7
Barium (Dissolved)	0.112	0.002	mg/L	12/31/11		LK	6010/200.7
Beryllium (Dissolved)	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Calcium (Dissolved)	63.3	0.01	mg/L	12/31/11		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Cobalt (Dissolved)	0.007	0.001	mg/L	12/31/11		LK	6010/200.7
Chromium (Dissolved)	0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Copper (Dissolved)	0.002	0.001	mg/L	12/31/11		LK	6010/200.7
Iron (Dissolved)	0.834	0.011	mg/L	12/31/11		LK	6010/200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	12/22/11		RS	7470/E245.1
Potassium (Dissolved)	5.27	0.1	mg/L	01/02/12		LK	6010/200.7
Magnesium (Dissolved)	31.7	0.01	mg/L	12/31/11		LK	6010/200.7
Manganese (Dissolved)	3.17	0.010	mg/L	01/02/12		LK	6010/200.7
Sodium (Dissolved)	18.11	0.10	mg/L	01/02/12		LK	6010/200.7
Nickel (Dissolved)	0.027	0.001	mg/L	12/31/11		LK	6010/200.7
Lead (Dissolved)	< 0.002	0.002	mg/L	01/02/12		LK	6010/200.7

Project ID: 1426 FULTON ST
Client ID: GW 3

Phoenix I.D.: BB14052

Parameter	Result	RL	Units	Date	Time	By	Reference
Antimony (Dissolved)	< 0.005	0.005	mg/L	12/31/11		LK	6010/200.7
Selenium (Dissolved)	< 0.011	0.011	mg/L	12/31/11		LK	6010/200.7
Thallium (Dissolved)	< 0.002	0.002	mg/L	12/27/11		RS	7010/279.2
Vanadium (Dissolved)	< 0.002	0.002	mg/L	12/31/11		LK	6010/200.7
Zinc (Dissolved)	0.003	0.002	mg/L	12/31/11		LK	6010/200.7
Iron	215	0.10	mg/L	01/02/12		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	12/22/11		RS	7470/E245.1
Potassium	18.8	0.1	mg/L	01/02/12		LK	6010/200.7
Magnesium	68.6	0.01	mg/L	12/31/11		LK	6010/200.7
Manganese	15.7	0.010	mg/L	01/02/12		LK	6010/200.7
Sodium	21.3	0.1	mg/L	01/02/12		LK	6010/200.7
Nickel	0.476	0.001	mg/L	12/31/11		LK	6010/200.7
Lead	0.131	0.002	mg/L	12/31/11		LK	6010/200.7
Antimony	< 0.005	0.005	mg/L	12/31/11		LK	6010/200.7
Selenium	0.014	0.010	mg/L	12/31/11		LK	6010/200.7
Thallium	< 0.002	0.002	mg/L	12/27/11		RS	SW7010/200.9
Dissolved Metals Preparation	Completed			12/21/11		AG	SW846-3005
Total Metals Digestion	Completed			12/21/11		AG	
Vanadium	0.206	0.002	mg/L	12/31/11		LK	6010/200.7
Zinc	0.434	0.002	mg/L	12/31/11		LK	6010/200.7
Filtration	Completed			12/21/11		AG	0.45um Filter
Dissolved Mercury Digestion	Completed			12/22/11			SW7470
Mercury Digestion	Completed			12/22/11			7471/245.1
PCB Extraction	Completed			12/22/11		L/L	SW3510C
Extraction for Pest (2 Liter)	Completed			12/22/11		L	SW3510
Semi-Volatile Extraction	Completed			12/22/11		F/D	SW3520
Polychlorinated Biphenyls							
PCB-1016	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1221	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1232	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1242	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1248	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1254	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1260	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1262	ND	0.10	ug/L	12/22/11		MH	608/ 8082
PCB-1268	ND	0.10	ug/L	12/22/11		MH	608/ 8082
QA/QC Surrogates							
% DCBP	49		%	12/22/11		MH	30 - 150 %
% TCMX	57		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	0.1	ug/L	12/22/11		MR	SW8081
4,4' -DDE	ND	0.1	ug/L	12/22/11		MR	SW8081
4,4' -DDT	ND	0.1	ug/L	12/22/11		MR	SW8081
a-BHC	ND	0.05	ug/L	12/22/11		MR	SW8081
Alachlor	ND	0.1	ug/L	12/22/11		MR	SW8081
Aldrin	ND	0.01	ug/L	12/22/11		MR	SW8081
b-BHC	ND	0.05	ug/L	12/22/11		MR	SW8081
Chlordane	ND	0.3	ug/L	12/22/11		MR	SW8081
d-BHC	ND	0.05	ug/L	12/22/11		MR	SW8081

Project ID: 1426 FULTON ST
Client ID: GW 3

Phoenix I.D.: BB14052

Parameter	Result	RL	Units	Date	Time	By	Reference
Dieldrin	ND	0.01	ug/L	12/22/11		MR	SW8081
Endosulfan I	ND	0.1	ug/L	12/22/11		MR	SW8081
Endosulfan II	ND	0.1	ug/L	12/22/11		MR	SW8081
Endosulfan Sulfate	ND	0.1	ug/L	12/22/11		MR	SW8081
Endrin	ND	0.1	ug/L	12/22/11		MR	SW8081
Endrin Aldehyde	ND	0.1	ug/L	12/22/11		MR	SW8081
Endrin ketone	ND	0.1	ug/L	12/22/11		MR	SW8081
g-BHC (Lindane)	ND	0.05	ug/L	12/22/11		MR	SW8081
Heptachlor	ND	0.05	ug/L	12/22/11		MR	SW8081
Heptachlor epoxide	ND	0.05	ug/L	12/22/11		MR	SW8081
Methoxychlor	ND	0.6	ug/L	12/22/11		MR	SW8081
Toxaphene	ND	1.5	ug/L	12/22/11		MR	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	60		%	12/22/11		MR	30 - 150 %
%TCMX (Surrogate Rec)	74		%	12/22/11		MR	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
2-Hexanone	ND	5.0	ug/L	12/23/11		H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/23/11		H/T	SW8260
Acetone	ND	25	ug/L	12/23/11		H/T	SW8260
Acrylonitrile	ND	5.0	ug/L	12/23/11		H/T	SW8260
Benzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
Bromoform	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromomethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/23/11		H/T	SW8260

Project ID: 1426 FULTON ST
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Parameter	Result	RL	Units	Date	Time	By	Reference
Carbon tetrachloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloroform	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/23/11		H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
Dibromoethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Dibromomethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/23/11		H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/23/11		H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/23/11		H/T	SW8260
Methylene chloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
Naphthalene	ND	1.0	ug/L	12/23/11		H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
o-Xylene	ND	1.0	ug/L	12/23/11		H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Styrene	ND	1.0	ug/L	12/23/11		H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/23/11		H/T	SW8260
Toluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Total Xylenes	ND	1.0	ug/L	12/23/11		H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/23/11		H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/23/11		H/T	SW8260
Trichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	12/23/11		H/T	70 - 130 %
% Bromofluorobenzene	93		%	12/23/11		H/T	70 - 130 %
% Dibromofluoromethane	70		%	12/23/11		H/T	70 - 130 %
% Toluene-d8	95		%	12/23/11		H/T	70 - 130 %
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
1,4-Dichlorobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
2,4,5-Trichlorophenol	ND	10	ug/L	12/24/11		DD	SW8270
2,4,6-Trichlorophenol	ND	10	ug/L	12/24/11		DD	SW8270
2,4-Dichlorophenol	ND	10	ug/L	12/24/11		DD	SW8270

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Parameter	Result	RL	Units	Date	Time	By	Reference
2,4-Dimethylphenol	ND	10	ug/L	12/24/11		DD	SW8270
2,4-Dinitrophenol	ND	50	ug/L	12/24/11		DD	SW8270
2,4-Dinitrotoluene	ND	5.0	ug/L	12/24/11		DD	SW8270
2,6-Dinitrotoluene	ND	5.0	ug/L	12/24/11		DD	SW8270
2-Chloronaphthalene	ND	5.0	ug/L	12/24/11		DD	SW8270
2-Chlorophenol	ND	10	ug/L	12/24/11		DD	SW8270
2-Methylnaphthalene	ND	5.0	ug/L	12/24/11		DD	SW8270
2-Methylphenol (o-cresol)	ND	10	ug/L	12/24/11		DD	SW8270
2-Nitroaniline	ND	50	ug/L	12/24/11		DD	SW8270
2-Nitrophenol	ND	10	ug/L	12/24/11		DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	12/24/11		DD	SW8270
3,3'-Dichlorobenzidine	ND	50	ug/L	12/24/11		DD	SW8270
3-Nitroaniline	ND	50	ug/L	12/24/11		DD	SW8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	12/24/11		DD	SW8270
4-Bromophenyl phenyl ether	ND	5.0	ug/L	12/24/11		DD	SW8270
4-Chloro-3-methylphenol	ND	20	ug/L	12/24/11		DD	SW8270
4-Chloroaniline	ND	20	ug/L	12/24/11		DD	SW8270
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	12/24/11		DD	SW8270
4-Nitroaniline	ND	20	ug/L	12/24/11		DD	SW8270
4-Nitrophenol	ND	50	ug/L	12/24/11		DD	SW8270
Acetophenone	ND	5.0	ug/L	12/24/11		DD	SW8270
Aniline	ND	10	ug/L	12/24/11		DD	SW8270
Anthracene	ND	5.0	ug/L	12/24/11		DD	SW8270
Azobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
Benzidine	ND	50	ug/L	12/24/11		DD	SW8270
Benzoic acid	ND	50	ug/L	12/24/11		DD	SW8270
Benzyl butyl phthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	12/24/11		DD	SW8270
Bis(2-chloroethyl)ether	ND	5.0	ug/L	12/24/11		DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	12/24/11		DD	SW8270
Carbazole	ND	5.0	ug/L	12/24/11		DD	SW8270
Dibenzofuran	ND	5.0	ug/L	12/24/11		DD	SW8270
Diethyl phthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Dimethylphthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Di-n-butylphthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Di-n-octylphthalate	ND	5.0	ug/L	12/24/11		DD	SW8270
Fluoranthene	ND	5.0	ug/L	12/24/11		DD	SW8270
Fluorene	ND	5.0	ug/L	12/24/11		DD	SW8270
Hexachlorobutadiene	ND	5.0	ug/L	12/24/11		DD	SW8270
Hexachlorocyclopentadiene	ND	5.0	ug/L	12/24/11		DD	SW8270
Isophorone	ND	5.0	ug/L	12/24/11		DD	SW8270
Naphthalene	ND	5.0	ug/L	12/24/11		DD	SW8270
Nitrobenzene	ND	5.0	ug/L	12/24/11		DD	SW8270
N-Nitrosodimethylamine	ND	5.0	ug/L	12/24/11		DD	SW8270
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	12/24/11		DD	SW8270
N-Nitrosodiphenylamine	ND	5.0	ug/L	12/24/11		DD	SW8270
Phenol	ND	10	ug/L	12/24/11		DD	SW8270
Pyrene	ND	5.0	ug/L	12/24/11		DD	SW8270
Pyridine	ND	5.0	ug/L	12/24/11		DD	SW8270

QA/QC Surrogates

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Parameter	Result	RL	Units	Date	Time	By	Reference	
% 2,4,6-Tribromophenol	18		%	12/24/11		DD	15 - 130 %	
% 2-Fluorobiphenyl	60		%	12/24/11		DD	15 - 130 %	
% 2-Fluorophenol	<5		%	12/24/11		DD	15 - 130 %	
% Nitrobenzene-d5	80		%	12/24/11		DD	15 - 130 %	
% Phenol-d5	5.2		%	12/24/11		DD	15 - 130 %	3
% Terphenyl-d14	65		%	12/24/11		DD	15 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	12/23/11		DD	SW8270 (SIM)	
Acenaphthene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Acenaphthylene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Benz(a)anthracene	ND	0.040	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(a)pyrene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(b)fluoranthene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(ghi)perylene	ND	3.0	ug/L	12/23/11		DD	SW8270 (SIM)	
Benzo(k)fluoranthene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	12/23/11		DD	SW8270 (SIM)	
Chrysene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	ND	0.010	ug/L	12/23/11		DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.060	ug/L	12/23/11		DD	SW8270 (SIM)	
Hexachloroethane	ND	2.4	ug/L	12/23/11		DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.10	ug/L	12/23/11		DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.80	ug/L	12/23/11		DD	SW8270 (SIM)	
Phenanthrene	ND	0.050	ug/L	12/23/11		DD	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	18		%	12/23/11		DD	15 - 130 %	
% 2-Fluorobiphenyl	60		%	12/23/11		DD	15 - 130 %	
% 2-Fluorophenol	<5		%	12/23/11		DD	15 - 130 %	
% Nitrobenzene-d5	80		%	12/23/11		DD	15 - 130 %	
% Phenol-d5	5.2		%	12/23/11		DD	15 - 130 %	3
% Terphenyl-d14	65		%	12/23/11		DD	15 - 130 %	

3 = This parameter exceeds laboratory specified limits.

Comments:

* Poor surrogate recovery was observed for semivolatiles and there was insufficient sample for re-extraction. The other surrogates associated with this sample were within QA/QC criteria.

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

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	9:55
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14053

Project ID: 1426 FULTON ST

Client ID: DUPLICATE GW1

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Aluminum	100	0.10	mg/L	01/02/12		LK	6010/200.7
Arsenic	< 0.004	0.004	mg/L	01/02/12		LK	6010/200.7
Barium	1.95	0.002	mg/L	12/31/11		LK	6010/200.7
Beryllium	0.005	0.001	mg/L	12/31/11		LK	6010/200.7
Calcium	63.3	0.010	mg/L	12/31/11		LK	6010/200.7
Cadmium	0.018	0.001	mg/L	12/31/11		LK	6010/200.7
Cobalt	0.346	0.002	mg/L	12/31/11		LK	6010/200.7
Chromium	0.895	0.001	mg/L	12/31/11		LK	6010/200.7
Copper	0.923	0.001	mg/L	12/31/11		LK	6010/200.7
Silver (Dissolved)	< 0.001	0.001	mg/L	01/02/12		LK	6010/200.7
Aluminum (Dissolved)	1.01	0.01	mg/L	12/31/11		LK	6010/200.7
Arsenic (Dissolved)	< 0.004	0.004	mg/L	12/31/11		LK	6010/200.7
Barium (Dissolved)	0.088	0.002	mg/L	12/31/11		LK	6010/200.7
Beryllium (Dissolved)	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Calcium (Dissolved)	35.5	0.01	mg/L	12/31/11		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/31/11		LK	6010/200.7
Cobalt (Dissolved)	0.005	0.001	mg/L	12/31/11		LK	6010/200.7
Chromium (Dissolved)	0.003	0.001	mg/L	12/31/11		LK	6010/200.7
Copper (Dissolved)	0.005	0.001	mg/L	12/31/11		LK	6010/200.7
Iron (Dissolved)	1.83	0.011	mg/L	12/31/11		LK	6010/200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	12/22/11		RS	7470/E245.1
Potassium (Dissolved)	4.47	0.1	mg/L	01/02/12		LK	6010/200.7
Magnesium (Dissolved)	26.2	0.01	mg/L	12/31/11		LK	6010/200.7
Manganese (Dissolved)	2.98	0.001	mg/L	12/31/11		LK	6010/200.7
Sodium (Dissolved)	52.6	1.00	mg/L	01/02/12		LK	6010/200.7
Nickel (Dissolved)	0.020	0.001	mg/L	12/31/11		LK	6010/200.7
Lead (Dissolved)	< 0.002	0.002	mg/L	12/31/11		LK	6010/200.7

Project ID: 1426 FULTON ST
Client ID: DUPLICATE GW1

Phoenix I.D.: BB14053

Parameter	Result	RL	Units	Date	Time	By	Reference
Antimony (Dissolved)	< 0.005	0.005	mg/L	12/31/11		LK	6010/200.7
Selenium (Dissolved)	< 0.011	0.011	mg/L	12/31/11		LK	6010/200.7
Thallium (Dissolved)	< 0.002	0.002	mg/L	12/27/11		RS	7010/279.2
Vanadium (Dissolved)	0.002	0.002	mg/L	12/31/11		LK	6010/200.7
Zinc (Dissolved)	0.005	0.002	mg/L	12/31/11		LK	6010/200.7
Iron	347	0.10	mg/L	01/02/12		LK	6010/200.7
Mercury	< 0.0002	0.0002	mg/L	12/22/11		RS	7470/E245.1
Potassium	27.9	0.1	mg/L	01/02/12		LK	6010/200.7
Magnesium	85.2	0.01	mg/L	12/31/11		LK	6010/200.7
Manganese	28.6	0.10	mg/L	01/09/12		LK	6010/200.7
Sodium	49.8	1.0	mg/L	01/02/12		LK	6010/200.7
Nickel	0.784	0.001	mg/L	12/31/11		LK	6010/200.7
Lead	0.219	0.002	mg/L	12/31/11		LK	6010/200.7
Antimony	< 0.005	0.005	mg/L	12/31/11		LK	6010/200.7
Selenium	0.023	0.010	mg/L	12/31/11		LK	6010/200.7
Thallium	< 0.002	0.002	mg/L	12/27/11		RS	SW7010/200.9
Dissolved Metals Preparation	Completed			12/21/11		AG	SW846-3005
Total Metals Digestion	Completed			12/21/11		AG	
Vanadium	0.343	0.002	mg/L	12/31/11		LK	6010/200.7
Zinc	0.671	0.002	mg/L	12/31/11		LK	6010/200.7
Filtration	Completed			12/21/11		AG	0.45um Filter
Dissolved Mercury Digestion	Completed			12/22/11			SW7470
Mercury Digestion	Completed			12/22/11			7471/245.1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
2-Hexanone	ND	5.0	ug/L	12/23/11		H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/23/11		H/T	SW8260
Acetone	ND	25	ug/L	12/23/11		H/T	SW8260

Project ID: 1426 FULTON ST
Client ID: DUPLICATE GW1

Phoenix I.D.: BB14053

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	12/23/11		H/T	SW8260
Benzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
Bromoform	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromomethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/23/11		H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloroform	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/23/11		H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
Dibromoethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Dibromomethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/23/11		H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/23/11		H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/23/11		H/T	SW8260
Methylene chloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
Naphthalene	ND	1.0	ug/L	12/23/11		H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
o-Xylene	ND	1.0	ug/L	12/23/11		H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Styrene	ND	1.0	ug/L	12/23/11		H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/23/11		H/T	SW8260
Toluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Total Xylenes	ND	1.0	ug/L	12/23/11		H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/23/11		H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/23/11		H/T	SW8260
Trichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	12/23/11		H/T	70 - 130 %
% Bromofluorobenzene	82		%	12/23/11		H/T	70 - 130 %
% Dibromofluoromethane	83		%	12/23/11		H/T	70 - 130 %
% Toluene-d8	97		%	12/23/11		H/T	70 - 130 %

Project ID: 1426 FULTON ST
Client ID: DUPLICATE GW1

Phoenix I.D.: BB14053

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

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:		12/16/11	8:40
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14054

Project ID: 1426 FULTON ST

Client ID: DUPLICATE SB2 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	01/03/12		EK	6010/200.7
Aluminum	14300	51	mg/Kg	01/03/12		LK	6010/200.7
Arsenic	< 0.68	0.68	mg/Kg	01/03/12		LK	6010/200.7
Barium	153	0.34	mg/Kg	01/03/12		LK	6010/200.7
Beryllium	0.74	0.27	mg/Kg	01/03/12		LK	6010/200.7
Calcium	11500	51	mg/Kg	01/03/12		LK	6010/200.7
Cadmium	0.95	0.34	mg/Kg	01/03/12		EK	6010/200.7
Cobalt	6.40	0.34	mg/Kg	01/03/12		LK	6010/200.7
Chromium	36.2	0.34	mg/Kg	01/03/12		LK	6010/200.7
Copper	147	3.5	mg/kg	01/03/12		E/P	6010/200.7
Iron	16900	51	mg/Kg	01/03/12		LK	6010/200.7
Mercury	0.24	0.08	mg/Kg	12/22/11		RS	SW-7471
Potassium	823	5.1	mg/Kg	01/03/12		LK	6010/200.7
Magnesium	3070	5.1	mg/Kg	01/03/12		LK	6010/200.7
Manganese	599	3.4	mg/Kg	01/03/12		LK	6010/200.7
Sodium	147	5.1	mg/Kg	01/03/12		LK	6010/200.7
Nickel	18.6	0.34	mg/Kg	01/03/12		LK	6010/200.7
Lead	288	3.4	mg/Kg	01/03/12		LK	6010/200.7
Antimony	< 3.4	3.4	mg/Kg	01/03/12		LK	6010/200.7
Selenium	< 1.4	1.4	mg/Kg	01/03/12		LK	6010/200.7
Thallium	< 3.0	3.0	mg/Kg	01/03/12		LK	6010/200.7
Total Metals Digest	Completed			12/21/11		AG	SW846 - 3050
Vanadium	30.9	0.34	mg/Kg	01/03/12		LK	6010/200.7
Zinc	136	0.34	mg/Kg	01/03/12		LK	6010/200.7
Percent Solid	89		%	12/21/11		KDB	E160.3
Soil Extraction for PCB	Completed			12/21/11		BB	SW3545
Soil Extraction for Pesticide	Completed			12/21/11		BB/F	SW3545
Soil Extraction for SVOA	Completed			12/21/11		BB/R	SW3545

Project ID: 1426 FULTON ST
Client ID: DUPLICATE SB2 (0-2)

Phoenix I.D.: BB14054

Parameter	Result	RL	Units	Date	Time	By	Reference
Mercury Digestion	Completed			12/22/11			SW7471
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1221	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1232	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1242	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1248	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1254	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1260	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1262	ND	370	ug/Kg	12/22/11		MH	SW 8082
PCB-1268	ND	370	ug/Kg	12/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	114		%	12/22/11		MH	30 - 150 %
% TCMX	69		%	12/22/11		MH	30 - 150 %
Pesticides							
4,4' -DDD	ND	35	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDE	ND	35	ug/Kg	12/23/11		KCA	SW8081
4,4' -DDT	ND	35	ug/Kg	12/23/11		KCA	SW8081
a-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Alachlor	ND	18	ug/Kg	12/23/11		KCA	SW8081
Aldrin	ND	5.5	ug/Kg	12/23/11		KCA	SW8081
b-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Chlordane	ND	55	ug/Kg	12/23/11		KCA	SW8081
d-BHC	ND	18	ug/Kg	12/23/11		KCA	SW8081
Dieldrin	ND	5.5	ug/Kg	12/23/11		KCA	SW8081
Endosulfan I	ND	18	ug/Kg	12/23/11		KCA	SW8081
Endosulfan II	ND	35	ug/Kg	12/23/11		KCA	SW8081
Endosulfan sulfate	ND	35	ug/Kg	12/23/11		KCA	SW8081
Endrin	ND	35	ug/Kg	12/23/11		KCA	SW8081
Endrin aldehyde	ND	35	ug/Kg	12/23/11		KCA	SW8081
Endrin ketone	ND	35	ug/Kg	12/23/11		KCA	SW8081
g-BHC	ND	5.5	ug/Kg	12/23/11		KCA	SW8081
Heptachlor	ND	11	ug/Kg	12/23/11		KCA	SW8081
Heptachlor epoxide	ND	18	ug/Kg	12/23/11		KCA	SW8081
Methoxychlor	ND	180	ug/Kg	12/23/11		KCA	SW8081
Toxaphene	ND	180	ug/Kg	12/23/11		KCA	SW8081
QA/QC Surrogates							
% DCBP	67		%	12/23/11		KCA	30 - 150 %
% TCMX	71		%	12/23/11		KCA	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: DUPLICATE SB2 (0-2)

Phoenix I.D.: BB14054

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2,3-Trichloropropane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	12/23/11		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	12/23/11		R/J	SW8260
Acetone	ND	28	ug/Kg	12/23/11		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	12/23/11		R/J	SW8260
Benzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	12/23/11		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Methylene chloride	ND	11	ug/Kg	12/23/11		R/J	SW8260
Naphthalene	560	280	ug/Kg	12/23/11		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260

Project ID: 1426 FULTON ST
Client ID: DUPLICATE SB2 (0-2)

Phoenix I.D.: BB14054

Parameter	Result	RL	Units	Date	Time	By	Reference
Styrene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	12/23/11		R/J	SW8260
Toluene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	12/23/11		R/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	12/23/11		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	12/23/11		R/J	70 - 130 %
% Bromofluorobenzene	84		%	12/23/11		R/J	70 - 130 %
% Dibromofluoromethane	101		%	12/23/11		R/J	70 - 130 %
% Toluene-d8	98		%	12/23/11		R/J	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	510	ug/Kg	12/23/11		DD	SW 8270
1,2,4-Trichlorobenzene	ND	510	ug/Kg	12/23/11		DD	SW 8270
1,2-Dichlorobenzene	ND	510	ug/Kg	12/23/11		DD	SW 8270
1,3-Dichlorobenzene	ND	510	ug/Kg	12/23/11		DD	SW 8270
1,4-Dichlorobenzene	ND	510	ug/Kg	12/23/11		DD	SW 8270
2,4,5-Trichlorophenol	ND	510	ug/Kg	12/23/11		DD	SW 8270
2,4,6-Trichlorophenol	ND	510	ug/Kg	12/23/11		DD	SW 8270
2,4-Dichlorophenol	ND	510	ug/Kg	12/23/11		DD	SW 8270
2,4-Dimethylphenol	ND	510	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrophenol	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2,4-Dinitrotoluene	ND	510	ug/Kg	12/23/11		DD	SW 8270
2,6-Dinitrotoluene	ND	510	ug/Kg	12/23/11		DD	SW 8270
2-Chloronaphthalene	ND	510	ug/Kg	12/23/11		DD	SW 8270
2-Chlorophenol	ND	510	ug/Kg	12/23/11		DD	SW 8270
2-Methylnaphthalene	1300	510	ug/Kg	12/23/11		DD	SW 8270
2-Methylphenol (o-cresol)	ND	510	ug/Kg	12/23/11		DD	SW 8270
2-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
2-Nitrophenol	ND	510	ug/Kg	12/23/11		DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	740	ug/Kg	12/23/11		DD	SW 8270
3,3'-Dichlorobenzidine	ND	510	ug/Kg	12/23/11		DD	SW 8270
3-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2100	ug/Kg	12/23/11		DD	SW 8270
4-Bromophenyl phenyl ether	ND	740	ug/Kg	12/23/11		DD	SW 8270
4-Chloro-3-methylphenol	ND	510	ug/Kg	12/23/11		DD	SW 8270
4-Chloroaniline	ND	510	ug/Kg	12/23/11		DD	SW 8270
4-Chlorophenyl phenyl ether	ND	510	ug/Kg	12/23/11		DD	SW 8270
4-Nitroaniline	ND	1200	ug/Kg	12/23/11		DD	SW 8270
4-Nitrophenol	ND	2100	ug/Kg	12/23/11		DD	SW 8270
Acenaphthene	3100	510	ug/Kg	12/23/11		DD	SW 8270
Acenaphthylene	550	510	ug/Kg	12/23/11		DD	SW 8270
Acetophenone	ND	510	ug/Kg	12/23/11		DD	SW 8270

Project ID: 1426 FULTON ST
Client ID: DUPLICATE SB2 (0-2)

Phoenix I.D.: BB14054

Parameter	Result	RL	Units	Date	Time	By	Reference
Aniline	ND	2100	ug/Kg	12/23/11		DD	SW 8270
Anthracene	8500	510	ug/Kg	12/23/11		DD	SW 8270
Azobenzene	ND	740	ug/Kg	12/23/11		DD	SW 8270
Benz(a)anthracene	17000	510	ug/Kg	12/23/11		DD	SW 8270
Benzidine	ND	880	ug/Kg	12/23/11		DD	SW 8270
Benzo(a)pyrene	14000	510	ug/Kg	12/23/11		DD	SW 8270
Benzo(b)fluoranthene	19000	510	ug/Kg	12/23/11		DD	SW 8270
Benzo(ghi)perylene	6700	510	ug/Kg	12/23/11		DD	SW 8270
Benzo(k)fluoranthene	4900	510	ug/Kg	12/23/11		DD	SW 8270
Benzoic acid	ND	2100	ug/Kg	12/23/11		DD	SW 8270
Benzyl butyl phthalate	ND	510	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethoxy)methane	ND	510	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroethyl)ether	ND	740	ug/Kg	12/23/11		DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	510	ug/Kg	12/23/11		DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	510	ug/Kg	12/23/11		DD	SW 8270
Carbazole	3100	1100	ug/Kg	12/23/11		DD	SW 8270
Chrysene	17000	510	ug/Kg	12/23/11		DD	SW 8270
Dibenz(a,h)anthracene	1800	510	ug/Kg	12/23/11		DD	SW 8270
Dibenzofuran	2500	510	ug/Kg	12/23/11		DD	SW 8270
Diethyl phthalate	ND	510	ug/Kg	12/23/11		DD	SW 8270
Dimethylphthalate	ND	510	ug/Kg	12/23/11		DD	SW 8270
Di-n-butylphthalate	ND	510	ug/Kg	12/23/11		DD	SW 8270
Di-n-octylphthalate	ND	510	ug/Kg	12/23/11		DD	SW 8270
Fluoranthene	40000	510	ug/Kg	12/23/11		DD	SW 8270
Fluorene	4100	510	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobenzene	ND	510	ug/Kg	12/23/11		DD	SW 8270
Hexachlorobutadiene	ND	510	ug/Kg	12/23/11		DD	SW 8270
Hexachlorocyclopentadiene	ND	510	ug/Kg	12/23/11		DD	SW 8270
Hexachloroethane	ND	510	ug/Kg	12/23/11		DD	SW 8270
Indeno(1,2,3-cd)pyrene	6200	510	ug/Kg	12/23/11		DD	SW 8270
Isophorone	ND	510	ug/Kg	12/23/11		DD	SW 8270
Naphthalene	2900	510	ug/Kg	12/23/11		DD	SW 8270
Nitrobenzene	ND	510	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodimethylamine	ND	740	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodi-n-propylamine	ND	510	ug/Kg	12/23/11		DD	SW 8270
N-Nitrosodiphenylamine	ND	740	ug/Kg	12/23/11		DD	SW 8270
Pentachloronitrobenzene	ND	740	ug/Kg	12/23/11		DD	SW 8270
Pentachlorophenol	ND	740	ug/Kg	12/23/11		DD	SW 8270
Phenanthrene	41000	510	ug/Kg	12/23/11		DD	SW 8270
Phenol	ND	510	ug/Kg	12/23/11		DD	SW 8270
Pyrene	35000	510	ug/Kg	12/23/11		DD	SW 8270
Pyridine	ND	740	ug/Kg	12/23/11		DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	119		%	12/23/11		DD	15 - 130 %
% 2-Fluorobiphenyl	81		%	12/23/11		DD	15 - 130 %
% 2-Fluorophenol	79		%	12/23/11		DD	15 - 130 %
% Nitrobenzene-d5	80		%	12/23/11		DD	15 - 130 %
% Phenol-d5	85		%	12/23/11		DD	15 - 130 %
% Terphenyl-d14	91		%	12/23/11		DD	15 - 130 %

Project ID: 1426 FULTON ST

Client ID: DUPLICATE SB2 (0-2)

Phoenix I.D.: BB14054

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* 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.

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

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

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Phyllis Shiller, Laboratory Director

January 11, 2012

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

January 11, 2012

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:	WATER	Collected by:		12/16/11	0:00
Location Code:	EBC	Received by:	SW	12/21/11	16:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB14035
Phoenix ID: BB14055

Project ID: 1426 FULTON ST

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/23/11		H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
2-Hexanone	ND	5.0	ug/L	12/23/11		H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/23/11		H/T	SW8260
Acetone	ND	25	ug/L	12/23/11		H/T	SW8260

Project ID: 1426 FULTON ST
Client ID: TRIP BLANK

Phoenix I.D.: BB14055

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	12/23/11		H/T	SW8260
Benzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
Bromoform	ND	1.0	ug/L	12/23/11		H/T	SW8260
Bromomethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/23/11		H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloroform	ND	1.0	ug/L	12/23/11		H/T	SW8260
Chloromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/23/11		H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/23/11		H/T	SW8260
Dibromoethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Dibromomethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/23/11		H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/23/11		H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/23/11		H/T	SW8260
Methylene chloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
Naphthalene	ND	1.0	ug/L	12/23/11		H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
o-Xylene	ND	1.0	ug/L	12/23/11		H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Styrene	ND	1.0	ug/L	12/23/11		H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/23/11		H/T	SW8260
Toluene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Total Xylenes	ND	1.0	ug/L	12/23/11		H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/23/11		H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/23/11		H/T	SW8260
Trichloroethene	ND	1.0	ug/L	12/23/11		H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/23/11		H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	12/23/11		H/T	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	12/23/11		H/T	70 - 130 %
% Bromofluorobenzene	81		%	12/23/11		H/T	70 - 130 %
% Dibromofluoromethane	84		%	12/23/11		H/T	70 - 130 %
% Toluene-d8	96		%	12/23/11		H/T	70 - 130 %

Project ID: 1426 FULTON ST
Client ID: TRIP BLANK

Phoenix I.D.: BB14055

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

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Phyllis Shiller, Laboratory Director
January 11, 2012

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

January 11, 2012

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 187718, QC Sample No: BA91955 (BB14050, BB14051, BB14052, BB14053)													
Dissolved Metals													
Thallium	BDL	<0.001	<0.001	NC	112	108	3.6	84.4	75.6	11.0	75 - 125	30	
QA/QC Batch 190819, QC Sample No: BB11515 (BB14050, BB14051, BB14052, BB14053)													
Thallium - Water	BDL	<0.001	<0.001	NC	105	104	1.0	117	119	1.7	75 - 125	20	
QA/QC Batch 191105, QC Sample No: BB13085 (BB14050, BB14051, BB14052, BB14053)													
ICP Metals - Dissolved													
Aluminum	BDL		<0.01		90.1	91.6	1.7	93.5	93.1	0.4	75 - 125	20	
Antimony	BDL		<0.005		95.0	95.5	0.5	95.0	93.3	1.8	75 - 125	20	
Arsenic	BDL		<0.004		93.1	92.3	0.9	92.2	89.8	2.6	75 - 125	20	
Barium	BDL		<0.002		89.7	92.3	2.9	95.1	94.0	1.2	75 - 125	20	
Beryllium	BDL		<0.001		93.8	95.6	1.9	98.0	96.6	1.4	75 - 125	20	
Cadmium	BDL		<0.001		101	102	1.0	102	101	1.0	75 - 125	20	
Calcium	BDL		0.10		98.4	100	1.6	100	99.7	0.3	75 - 125	20	
Chromium	BDL		<0.001		99.0	101	2.0	100	99.7	0.3	75 - 125	20	
Cobalt	BDL		<0.001		98.0	98.7	0.7	99.5	98.6	0.9	75 - 125	20	
Copper	BDL		<0.001		92.9	93.7	0.9	94.7	94.0	0.7	75 - 125	20	
Iron	BDL		<0.011		97.9	98.7	0.8	99.8	99.2	0.6	75 - 125	20	
Lead	BDL		0.003		99.4	101	1.6	101	98.1	2.9	75 - 125	20	
Magnesium	BDL		0.02		98.0	101	3.0	101	99.6	1.4	75 - 125	20	
Manganese	BDL		<0.001		97.9	100	2.1	101	99.1	1.9	75 - 125	20	
Nickel	BDL		<0.001		98.3	98.8	0.5	99.3	98.4	0.9	75 - 125	20	
Potassium	BDL		<0.1		91.8	93.5	1.8	66.8	64.8	3.0	75 - 125	20	m
Selenium	BDL		<0.011		88.3	87.7	0.7	87.1	83.6	4.1	75 - 125	20	
Silver	BDL		<0.001		103	104	1.0	104	103	1.0	75 - 125	20	
Sodium	BDL		0.62		75.3	82.4	9.0	90.4	90.1	0.3	75 - 125	20	
Vanadium	BDL		<0.002		95.2	97.2	2.1	98.5	98.2	0.3	75 - 125	20	
Zinc	BDL		<0.002		94.4	95.0	0.6	95.4	94.5	0.9	75 - 125	20	
QA/QC Batch 191202, QC Sample No: BB13757 (BB14050, BB14051, BB14052, BB14053)													
Mercury - Water	BDL	<0.0003	<0.0003	NC	94.8	91.7	3.3	92.2	89.7	2.7	70 - 130	20	
QA/QC Batch 191156, QC Sample No: BB13770 (BB14035, BB14036, BB14037, BB14038, BB14039, BB14040, BB14041, BB14042, BB14043, BB14044, BB14045, BB14046, BB14047, BB14048, BB14049, BB14054)													
ICP Metals - Soil													
Aluminum	BDL	5770	5930	2.70	125	122	2.4	NC	NC	NC	75 - 125	30	
Antimony	BDL	<34	<34	NC	109	102	6.6	98.6	100	1.4	75 - 125	30	
Arsenic	BDL	<6.7	<6.7	NC	104	96.2	7.8	104	104	0.0	75 - 125	30	
Barium	BDL	17.2	18.8	8.90	99.8	96.8	3.1	96.0	98.2	2.3	75 - 125	30	
Beryllium	BDL	<2.7	<2.7	NC	104	104	0.0	104	105	1.0	75 - 125	30	
Cadmium	BDL	<3.4	<3.4	NC	111	114	2.7	108	111	2.7	75 - 125	30	
Calcium	BDL	668	664	0.60	102	117	13.7	>130	NC	NC	75 - 125	30	m
Chromium	BDL	8.6	8.8	2.30	114	112	1.8	104	107	2.8	75 - 125	30	
Cobalt	BDL	<3.4	5.0	NC	111	106	4.6	107	109	1.9	75 - 125	30	

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Copper	BDL	126	134	6.20	99.3	101	1.7	107	104	2.8	75 - 125	30	
Iron	BDL	9780	9810	0.30	119	114	4.3	NC	NC	NC	75 - 125	30	
Lead	BDL	9.0	9.2	2.20	117	115	1.7	106	110	3.7	75 - 125	30	
Magnesium	BDL	1690	1720	1.80	122	122	0.0	NC	NC	NC	75 - 125	30	
Manganese	BDL	193	208	7.50	116	103	11.9	129	120	7.2	75 - 125	30	m
Nickel	BDL	7.6	7.3	4.00	112	109	2.7	105	108	2.8	75 - 125	30	
Potassium	BDL	535	569	6.20	98.2	89.2	9.6	95.7	93.2	2.6	75 - 125	30	
Selenium	BDL	<13	<13	NC	106	105	0.9	104	107	2.8	75 - 125	30	
Silver	BDL	<3.4	<3.4	NC	94.4	94.2	0.2	>130	>130	NC	75 - 125	30	m
Sodium	BDL	20.9	<50	NC	89.8	78.7	13.2	119	113	5.2	75 - 125	30	
Thallium	BDL	<30	<30	NC	105	99.2	5.7	102	104	1.9	75 - 125	30	
Vanadium	BDL	19.4	19.7	1.50	117	111	5.3	102	103	1.0	75 - 125	30	
Zinc	BDL	17.9	16.1	10.6	108	115	6.3	101	104	2.9	75 - 125	30	
QA/QC Batch 191180, QC Sample No: BB13946 (BB14050, BB14051, BB14052, BB14053)													
ICP Metals - Aqueous													
Aluminum	BDL	0.054	0.052	3.80	101	97.7	3.3	126	128	1.6	75 - 125	20	m
Antimony	BDL	<0.005	<0.005	NC	107	105	1.9	105	105	0.0	75 - 125	20	
Arsenic	BDL	<0.004	<0.004	NC	103	100	3.0	106	105	0.9	75 - 125	20	
Barium	BDL	0.020	0.020	0	107	103	3.8	101	103	2.0	75 - 125	20	
Beryllium	BDL	<0.001	<0.001	NC	107	106	0.9	108	109	0.9	75 - 125	20	
Cadmium	BDL	<0.001	<0.001	NC	109	105	3.7	112	110	1.8	75 - 125	20	
Calcium	BDL	40.6	40.4	0.50	105	102	2.9	NC	NC	NC	75 - 125	20	
Chromium	BDL	<0.001	<0.001	NC	106	104	1.9	107	108	0.9	75 - 125	20	
Cobalt	BDL	<0.002	<0.002	NC	106	103	2.9	108	108	0.0	75 - 125	20	
Copper	BDL	0.005	0.005	0	105	102	2.9	102	104	1.9	75 - 125	20	
Iron	BDL	0.139	0.142	2.10	107	105	1.9	105	107	1.9	75 - 125	20	
Lead	BDL	0.005	<0.002	NC	108	101	6.7	108	108	0.0	75 - 125	20	
Magnesium	BDL	4.18	4.16	0.50	107	103	3.8	73.3	77.9	6.1	75 - 125	20	m
Manganese	BDL	0.035	0.036	2.80	106	105	0.9	106	106	0.0	75 - 125	20	
Nickel	BDL	0.003	0.003	NC	105	102	2.9	108	108	0.0	75 - 125	20	
Potassium	BDL	7.7	7.6	1.30	89.2	89.2	0.0	93.6	116	21.4	75 - 125	20	r
Selenium	BDL	<0.010	<0.010	NC	99.0	97.2	1.8	102	98.0	4.0	75 - 125	20	
Silver	BDL	<0.001	<0.001	NC	98.8	95.8	3.1	101	103	2.0	75 - 125	20	
Sodium	BDL	171	170	0.60	86.9	86.4	0.6	NC	NC	NC	75 - 125	20	
Vanadium	BDL	<0.002	<0.002	NC	107	105	1.9	105	105	0.0	75 - 125	20	
Zinc	BDL	0.02	0.023	14.0	104	98.3	5.6	105	105	0.0	75 - 125	20	
QA/QC Batch 191226, QC Sample No: BB14036 (BB14035, BB14036, BB14037, BB14038, BB14039, BB14040, BB14041, BB14042, BB14043, BB14044, BB14045, BB14046, BB14047, BB14048, BB14049, BB14054)													
Mercury - Soil	BDL	<0.08	<0.09	NC	88.4	91.8	3.8	78.0	79.4	1.8	70 - 130	30	

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

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 11, 2012

QA/QC Data

SDG I.D.: GBB14035

QA/QC Batch 191399, QC Sample No: BB12544 (BB14046)

Volatiles - Solid

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1,1,2-Tetrachloroethane	ND	104	106	1.9	101	110	8.5	70 - 130	30	
1,1,1-Trichloroethane	ND	113	110	2.7	110	114	3.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	114	118	3.4	105	123	15.8	70 - 130	30	
1,1,2-Trichloroethane	ND	103	107	3.8	94	114	19.2	70 - 130	30	
1,1-Dichloroethane	ND	109	123	12.1	102	131	24.9	70 - 130	30	m
1,1-Dichloroethene	ND	121	102	17.0	132	112	16.4	70 - 130	30	m
1,1-Dichloropropene	ND	111	106	4.6	104	112	7.4	70 - 130	30	
1,2,3-Trichlorobenzene	ND	131	134	2.3	121	139	13.8	70 - 130	30	l,m
1,2,3-Trichloropropane	ND	106	112	5.5	101	123	19.6	70 - 130	30	
1,2,4-Trichlorobenzene	ND	>150	147	NC	145	>150	NC	70 - 130	30	l,m
1,2,4-Trimethylbenzene	ND	127	121	4.8	122	127	4.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	90	104	14.4	79	103	26.4	70 - 130	30	
1,2-Dichlorobenzene	ND	118	118	0.0	117	130	10.5	70 - 130	30	
1,2-Dichloroethane	ND	109	112	2.7	105	121	14.2	70 - 130	30	
1,2-Dichloropropane	ND	110	110	0.0	106	118	10.7	70 - 130	30	
1,3,5-Trimethylbenzene	ND	127	120	5.7	122	124	1.6	70 - 130	30	
1,3-Dichlorobenzene	ND	128	122	4.8	125	133	6.2	70 - 130	30	m
1,3-Dichloropropane	ND	107	111	3.7	99	114	14.1	70 - 130	30	
1,4-Dichlorobenzene	ND	128	124	3.2	128	138	7.5	70 - 130	30	m
2,2-Dichloropropane	ND	125	121	3.3	117	124	5.8	70 - 130	30	
2-Chlorotoluene	ND	121	114	6.0	115	121	5.1	70 - 130	30	
2-Hexanone	ND	99	112	12.3	73	110	40.4	70 - 130	30	r
2-Isopropyltoluene	ND	117	110	6.2	117	120	2.5	70 - 130	30	
4-Chlorotoluene	ND	121	116	4.2	122	127	4.0	70 - 130	30	
4-Methyl-2-pentanone	ND	97	112	14.4	94	125	28.3	70 - 130	30	
Acetone	ND	118	118	0.0	79	107	30.1	70 - 130	30	
Acrylonitrile	ND	103	118	13.6	102	132	25.6	70 - 130	30	m
Benzene	ND	112	110	1.8	106	115	8.1	70 - 130	30	
Bromobenzene	ND	115	111	3.5	107	115	7.2	70 - 130	30	
Bromochloromethane	ND	108	113	4.5	99	116	15.8	70 - 130	30	
Bromodichloromethane	ND	108	108	0.0	100	113	12.2	70 - 130	30	
Bromoform	ND	95	104	9.0	89	107	18.4	70 - 130	30	
Bromomethane	ND	114	97	16.1	87	74	16.1	70 - 130	30	
Carbon Disulfide	ND	136	114	17.6	127	113	11.7	70 - 130	30	l
Carbon tetrachloride	ND	108	101	6.7	103	104	1.0	70 - 130	30	
Chlorobenzene	ND	116	113	2.6	115	124	7.5	70 - 130	30	
Chloroethane	ND	115	107	7.2	47	40	16.1	70 - 130	30	m
Chloroform	ND	113	117	3.5	100	122	19.8	70 - 130	30	
Chloromethane	ND	116	107	8.1	120	129	7.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	117	110	6.2	108	113	4.5	70 - 130	30	
cis-1,3-Dichloropropene	ND	113	112	0.9	105	117	10.8	70 - 130	30	

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Dibromochloromethane	ND	101	105	3.9	91	105	14.3	70 - 130	30	
Dibromoethane	ND	102	109	6.6	94	115	20.1	70 - 130	30	
Dibromomethane	ND	103	111	7.5	96	115	18.0	70 - 130	30	
Dichlorodifluoromethane	ND	92	91	1.1	102	112	9.3	70 - 130	30	
Ethylbenzene	ND	119	115	3.4	117	122	4.2	70 - 130	30	
Hexachlorobutadiene	ND	115	110	4.4	121	125	3.3	70 - 130	30	
Isopropylbenzene	ND	117	109	7.1	113	115	1.8	70 - 130	30	
m&p-Xylene	ND	121	118	2.5	124	130	4.7	70 - 130	30	
Methyl ethyl ketone	ND	98	111	12.4	80	120	40.0	70 - 130	30	r
Methyl t-butyl ether (MTBE)	ND	106	109	2.8	101	118	15.5	70 - 130	30	
Methylene chloride	ND	118	102	14.5	121	110	9.5	70 - 130	30	
Naphthalene	ND	116	117	0.9	104	122	15.9	70 - 130	30	
n-Butylbenzene	ND	144	131	9.5	141	138	2.2	70 - 130	30	l,m
n-Propylbenzene	ND	117	111	5.3	121	125	3.3	70 - 130	30	
o-Xylene	ND	115	114	0.9	120	127	5.7	70 - 130	30	
p-Isopropyltoluene	ND	132	123	7.1	125	128	2.4	70 - 130	30	l
sec-Butylbenzene	ND	118	111	6.1	119	121	1.7	70 - 130	30	
Styrene	ND	117	117	0.0	122	132	7.9	70 - 130	30	m
tert-Butylbenzene	ND	113	106	6.4	111	115	3.5	70 - 130	30	
Tetrachloroethene	ND	118	112	5.2	116	119	2.6	70 - 130	30	
Tetrahydrofuran (THF)	ND	97	121	22.0	94	137	37.2	70 - 130	30	m,r
Toluene	ND	114	113	0.9	109	119	8.8	70 - 130	30	
trans-1,2-Dichloroethene	ND	150	89	51.0	134	86	43.6	70 - 130	30	l,m,r
trans-1,3-Dichloropropene	ND	115	117	1.7	106	123	14.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	123	128	4.0	107	128	17.9	70 - 130	30	
Trichloroethene	ND	104	102	1.9	102	107	4.8	70 - 130	30	
Trichlorofluoromethane	ND	140	139	0.7	63	41	42.3	70 - 130	30	l,m,r
Trichlorotrifluoroethane	ND	122	105	15.0	133	118	12.0	70 - 130	30	m
Vinyl chloride	ND	117	110	6.2	136	>150	NC	70 - 130	30	m
% 1,2-dichlorobenzene-d4	103	99	100	1.0	99	102	3.0	70 - 130	30	
% Bromofluorobenzene	95	97	99	2.0	96	99	3.1	70 - 130	30	
% Dibromofluoromethane	101	93	101	8.2	92	99	7.3	70 - 130	30	
% Toluene-d8	99	100	100	0.0	99	101	2.0	70 - 130	30	

QA/QC Batch 191357, QC Sample No: BB12550 (BB14039, BB14041, BB14042, BB14045)

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	100	101	1.0				70 - 130	30	
1,1,1-Trichloroethane	ND	82	89	8.2				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	92	93	1.1				70 - 130	30	
1,1,2-Trichloroethane	ND	87	92	5.6				70 - 130	30	
1,1-Dichloroethane	ND	80	89	10.7				70 - 130	30	
1,1-Dichloroethene	ND	82	87	5.9				70 - 130	30	
1,1-Dichloropropene	ND	91	96	5.3				70 - 130	30	
1,2,3-Trichlorobenzene	ND	113	109	3.6				70 - 130	30	
1,2,3-Trichloropropane	ND	97	93	4.2				70 - 130	30	
1,2,4-Trichlorobenzene	ND	106	105	0.9				70 - 130	30	
1,2,4-Trimethylbenzene	ND	104	104	0.0				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	100	97	3.0				70 - 130	30	
1,2-Dichlorobenzene	ND	96	97	1.0				70 - 130	30	
1,2-Dichloroethane	ND	84	87	3.5				70 - 130	30	
1,2-Dichloropropane	ND	92	95	3.2				70 - 130	30	
1,3,5-Trimethylbenzene	ND	105	105	0.0				70 - 130	30	
1,3-Dichlorobenzene	ND	98	99	1.0				70 - 130	30	

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3-Dichloropropane	ND	100	103	3.0				70 - 130	30
1,4-Dichlorobenzene	ND	96	97	1.0				70 - 130	30
2,2-Dichloropropane	ND	82	91	10.4				70 - 130	30
2-Chlorotoluene	ND	100	101	1.0				70 - 130	30
2-Hexanone	ND	78	82	5.0				70 - 130	30
2-Isopropyltoluene	ND	100	103	3.0				70 - 130	30
4-Chlorotoluene	ND	97	98	1.0				70 - 130	30
4-Methyl-2-pentanone	ND	77	78	1.3				70 - 130	30
Acetone	ND	58	64	9.8				70 - 130	30
Acrylonitrile	ND	74	83	11.5				70 - 130	30
Benzene	ND	92	96	4.3				70 - 130	30
Bromobenzene	ND	101	100	1.0				70 - 130	30
Bromochloromethane	ND	80	87	8.4				70 - 130	30
Bromodichloromethane	ND	90	95	5.4				70 - 130	30
Bromoform	ND	94	99	5.2				70 - 130	30
Bromomethane	ND	71	75	5.5				70 - 130	30
Carbon Disulfide	ND	92	97	5.3				70 - 130	30
Carbon tetrachloride	ND	84	92	9.1				70 - 130	30
Chlorobenzene	ND	96	99	3.1				70 - 130	30
Chloroethane	ND	82	86	4.8				70 - 130	30
Chloroform	ND	77	86	11.0				70 - 130	30
Chloromethane	ND	108	116	7.1				70 - 130	30
cis-1,2-Dichloroethene	ND	83	91	9.2				70 - 130	30
cis-1,3-Dichloropropene	ND	93	99	6.3				70 - 130	30
Dibromochloromethane	ND	98	102	4.0				70 - 130	30
Dibromoethane	ND	86	92	6.7				70 - 130	30
Dibromomethane	ND	84	91	8.0				70 - 130	30
Dichlorodifluoromethane	ND	111	118	6.1				70 - 130	30
Ethylbenzene	ND	99	103	4.0				70 - 130	30
Hexachlorobutadiene	ND	98	95	3.1				70 - 130	30
Isopropylbenzene	ND	103	104	1.0				70 - 130	30
m&p-Xylene	ND	98	103	5.0				70 - 130	30
Methyl ethyl ketone	ND	64	66	3.1				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	85	86	1.2				70 - 130	30
Methylene chloride	ND	74	79	6.5				70 - 130	30
Naphthalene	ND	123	117	5.0				70 - 130	30
n-Butylbenzene	ND	104	107	2.8				70 - 130	30
n-Propylbenzene	ND	97	99	2.0				70 - 130	30
o-Xylene	ND	99	102	3.0				70 - 130	30
p-Isopropyltoluene	ND	108	110	1.8				70 - 130	30
sec-Butylbenzene	ND	99	102	3.0				70 - 130	30
Styrene	ND	98	102	4.0				70 - 130	30
tert-Butylbenzene	ND	102	103	1.0				70 - 130	30
Tetrachloroethene	ND	99	101	2.0				70 - 130	30
Tetrahydrofuran (THF)	ND	74	81	9.0				70 - 130	30
Toluene	ND	90	95	5.4				70 - 130	30
trans-1,2-Dichloroethene	ND	83	87	4.7				70 - 130	30
trans-1,3-Dichloropropene	ND	90	96	6.5				70 - 130	30
trans-1,4-dichloro-2-butene	ND	102	103	1.0				70 - 130	30
Trichloroethene	ND	91	95	4.3				70 - 130	30
Trichlorofluoromethane	ND	92	97	5.3				70 - 130	30
Trichlorotrifluoroethane	ND	84	86	2.4				70 - 130	30
Vinyl chloride	ND	94	98	4.2				70 - 130	30

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 1,2-dichlorobenzene-d4	97	98	98	0.0				70 - 130	30
% Bromofluorobenzene	95	97	99	2.0				70 - 130	30
% Dibromofluoromethane	83	89	88	1.1				70 - 130	30
% Toluene-d8	97	96	98	2.1				70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 191056, QC Sample No: BB12554 (BB14051, BB14052)

Pesticides - Ground Water

4,4' -DDD	ND	100	104	3.9				40 - 140	20
4,4' -DDE	ND	98	100	2.0				40 - 140	20
4,4' -DDT	ND	98	99	1.0				40 - 140	20
a-BHC	ND	98	100	2.0				40 - 140	20
Alachlor	ND	N/A	N/A	NC				40 - 140	20
Aldrin	ND	95	96	1.0				40 - 140	20
b-BHC	ND	88	88	0.0				40 - 140	20
Chlordane	ND	N/A	N/A	NC				40 - 140	20
d-BHC	ND	96	98	2.1				40 - 140	20
Dieldrin	ND	64	74	14.5				40 - 140	20
Endosulfan I	ND	87	89	2.3				40 - 140	20
Endosulfan II	ND	92	94	2.2				40 - 140	20
Endosulfan sulfate	ND	92	94	2.2				40 - 140	20
Endrin	ND	92	95	3.2				40 - 140	20
Endrin aldehyde	ND	94	95	1.1				40 - 140	20
Endrin ketone	ND	97	100	3.0				40 - 140	20
g-BHC	ND	96	99	3.1				40 - 140	20
Heptachlor	ND	94	94	0.0				40 - 140	20
Heptachlor epoxide	ND	92	92	0.0				40 - 140	20
Methoxychlor	ND	100	101	1.0				40 - 140	20
Toxaphene	ND	N/A	N/A	NC				40 - 140	20
% DCBP	83	90	90	0.0				30 - 150	20
% TCMX	81	93	93	0.0				30 - 150	20

Comment:

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

QA/QC Batch 191054, QC Sample No: BB12554 (BB14051, BB14052)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	99	101	2.0				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	107	110	2.8				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	81	93	94	1.1				30 - 150	20
% TCMX (Surrogate Rec)	85	88	90	2.2				30 - 150	20

Comment:

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

QA/QC Batch 191416, QC Sample No: BB12924 (BB14036)

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	107	103	3.8	90	100	10.5	70 - 130	30

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1,1-Trichloroethane	ND	88	89	1.1	85	85	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	93	82	12.6	89	92	3.3	70 - 130	30	
1,1,2-Trichloroethane	ND	97	90	7.5	82	87	5.9	70 - 130	30	
1,1-Dichloroethane	ND	90	87	3.4	85	83	2.4	70 - 130	30	
1,1-Dichloroethene	ND	88	84	4.7	86	91	5.6	70 - 130	30	
1,1-Dichloropropene	ND	92	92	0.0	86	87	1.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	103	92	11.3	74	87	16.1	70 - 130	30	
1,2,3-Trichloropropane	ND	97	87	10.9	83	93	11.4	70 - 130	30	
1,2,4-Trichlorobenzene	ND	87	83	4.7	68	78	13.7	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	99	95	4.1	86	96	11.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	110	95	14.6	89	95	6.5	70 - 130	30	
1,2-Dichlorobenzene	ND	93	89	4.4	81	88	8.3	70 - 130	30	
1,2-Dichloroethane	ND	94	89	5.5	81	86	6.0	70 - 130	30	
1,2-Dichloropropane	ND	100	95	5.1	87	93	6.7	70 - 130	30	
1,3,5-Trimethylbenzene	ND	101	96	5.1	88	98	10.8	70 - 130	30	
1,3-Dichlorobenzene	ND	90	88	2.2	80	87	8.4	70 - 130	30	
1,3-Dichloropropane	ND	109	103	5.7	87	98	11.9	70 - 130	30	
1,4-Dichlorobenzene	ND	88	86	2.3	80	86	7.2	70 - 130	30	
2,2-Dichloropropane	ND	86	86	0.0	79	82	3.7	70 - 130	30	
2-Chlorotoluene	ND	98	94	4.2	88	96	8.7	70 - 130	30	
2-Hexanone	ND	93	95	2.1	43	41	4.8	70 - 130	30	m
2-Isopropyltoluene	ND	100	96	4.1	91	101	10.4	70 - 130	30	
4-Chlorotoluene	ND	91	89	2.2	84	92	9.1	70 - 130	30	
4-Methyl-2-pentanone	ND	88	84	4.7	73	74	1.4	70 - 130	30	
Acetone	ND	70	64	9.0	<40	<40	NC	70 - 130	30	l,m
Acrylonitrile	ND	86	81	6.0	75	73	2.7	70 - 130	30	
Benzene	ND	98	94	4.2	87	93	6.7	70 - 130	30	
Bromobenzene	ND	98	95	3.1	86	92	6.7	70 - 130	30	
Bromochloromethane	ND	90	85	5.7	81	81	0.0	70 - 130	30	
Bromodichloromethane	ND	99	94	5.2	87	91	4.5	70 - 130	30	
Bromoform	ND	103	100	3.0	90	91	1.1	70 - 130	30	
Bromomethane	ND	82	80	2.5	85	89	4.6	70 - 130	30	
Carbon Disulfide	ND	97	94	3.1	83	91	9.2	70 - 130	30	
Carbon tetrachloride	ND	89	92	3.3	88	88	0.0	70 - 130	30	
Chlorobenzene	ND	98	98	0.0	89	94	5.5	70 - 130	30	
Chloroethane	ND	91	87	4.5	90	92	2.2	70 - 130	30	
Chloroform	ND	85	85	0.0	80	80	0.0	70 - 130	30	
Chloromethane	ND	111	109	1.8	108	117	8.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	91	88	3.4	81	85	4.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	99	94	5.2	82	89	8.2	70 - 130	30	
Dibromochloromethane	ND	109	104	4.7	86	98	13.0	70 - 130	30	
Dibromoethane	ND	97	90	7.5	81	87	7.1	70 - 130	30	
Dibromomethane	ND	96	92	4.3	84	86	2.4	70 - 130	30	
Dichlorodifluoromethane	ND	127	122	4.0	149	>150	NC	70 - 130	30	m
Ethylbenzene	ND	102	102	0.0	92	98	6.3	70 - 130	30	
Hexachlorobutadiene	ND	92	82	11.5	75	92	20.4	70 - 130	30	
Isopropylbenzene	ND	102	100	2.0	94	104	10.1	70 - 130	30	
m&p-Xylene	ND	101	99	2.0	90	99	9.5	70 - 130	30	
Methyl ethyl ketone	ND	73	73	0.0	<40	<40	NC	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	97	84	14.4	85	84	1.2	70 - 130	30	
Methylene chloride	ND	84	75	11.3	72	71	1.4	70 - 130	30	
Naphthalene	ND	123	109	12.1	89	101	12.6	70 - 130	30	
n-Butylbenzene	ND	95	92	3.2	84	93	10.2	70 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
n-Propylbenzene	ND	93	92	1.1	89	98	9.6	70 - 130	30	
o-Xylene	ND	102	101	1.0	92	100	8.3	70 - 130	30	
p-Isopropyltoluene	ND	103	100	3.0	89	98	9.6	70 - 130	30	
sec-Butylbenzene	ND	98	96	2.1	92	101	9.3	70 - 130	30	
Styrene	ND	101	99	2.0	77	86	11.0	70 - 130	30	
tert-Butylbenzene	ND	102	98	4.0	94	104	10.1	70 - 130	30	
Tetrachloroethene	ND	101	99	2.0	85	99	15.2	70 - 130	30	
Tetrahydrofuran (THF)	ND	83	78	6.2	77	73	5.3	70 - 130	30	
Toluene	ND	96	93	3.2	85	91	6.8	70 - 130	30	
trans-1,2-Dichloroethene	ND	91	83	9.2	83	85	2.4	70 - 130	30	
trans-1,3-Dichloropropene	ND	98	92	6.3	80	85	6.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	101	91	10.4	82	85	3.6	70 - 130	30	
Trichloroethene	ND	98	98	0.0	87	93	6.7	70 - 130	30	
Trichlorofluoromethane	ND	104	99	4.9	89	93	4.4	70 - 130	30	
Trichlorotrifluoroethane	ND	88	85	3.5	89	93	4.4	70 - 130	30	
Vinyl chloride	ND	102	99	3.0	102	106	3.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	97	97	96	1.0	96	97	1.0	70 - 130	30	
% Bromofluorobenzene	95	102	102	0.0	100	99	1.0	70 - 130	30	
% Dibromofluoromethane	81	94	88	6.6	90	91	1.1	70 - 130	30	
% Toluene-d8	99	99	99	0.0	98	98	0.0	70 - 130	30	

QA/QC Batch 191359, QC Sample No: BB13076 (BB14035, BB14037 (50,1X) , BB14038, BB14040, BB14043, BB14044, BB14047, BB14048, BB14049)

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	100	99	1.0	91	90	1.1	70 - 130	30	
1,1,1-Trichloroethane	ND	105	99	5.9	97	94	3.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	88	98	10.8	93	103	10.2	70 - 130	30	
1,1,2-Trichloroethane	ND	92	104	12.2	88	95	7.7	70 - 130	30	
1,1-Dichloroethane	ND	98	110	11.5	90	109	19.1	70 - 130	30	
1,1-Dichloroethene	ND	105	91	14.3	142	104	30.9	70 - 130	30	m,r
1,1-Dichloropropene	ND	100	96	4.1	95	92	3.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	93	103	10.2	100	111	10.4	70 - 130	30	
1,2,3-Trichloropropane	ND	102	105	2.9	90	99	9.5	70 - 130	30	
1,2,4-Trichlorobenzene	ND	89	97	8.6	116	123	5.9	70 - 130	30	
1,2,4-Trimethylbenzene	ND	100	98	2.0	104	101	2.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	87	107	20.6	71	90	23.6	70 - 130	30	
1,2-Dichlorobenzene	ND	93	98	5.2	102	106	3.8	70 - 130	30	
1,2-Dichloroethane	ND	99	106	6.8	98	102	4.0	70 - 130	30	
1,2-Dichloropropane	ND	100	102	2.0	97	97	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	103	101	2.0	104	101	2.9	70 - 130	30	
1,3-Dichlorobenzene	ND	93	95	2.1	104	106	1.9	70 - 130	30	
1,3-Dichloropropane	ND	97	104	7.0	90	93	3.3	70 - 130	30	
1,4-Dichlorobenzene	ND	92	95	3.2	109	110	0.9	70 - 130	30	
2,2-Dichloropropane	ND	101	96	5.1	98	98	0.0	70 - 130	30	
2-Chlorotoluene	ND	100	97	3.0	99	97	2.0	70 - 130	30	
2-Hexanone	ND	67	83	21.3	58	70	18.8	70 - 130	30	l,m
2-Isopropyltoluene	ND	100	95	5.1	101	96	5.1	70 - 130	30	
4-Chlorotoluene	ND	93	94	1.1	103	102	1.0	70 - 130	30	
4-Methyl-2-pentanone	ND	85	103	19.1	94	114	19.2	70 - 130	30	
Acetone	ND	74	79	6.5	52	50	3.9	70 - 130	30	m
Acrylonitrile	ND	86	110	24.5	91	115	23.3	70 - 130	30	
Benzene	ND	102	99	3.0	96	94	2.1	70 - 130	30	
Bromobenzene	ND	98	98	0.0	93	93	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromochloromethane	ND	96	104	8.0	89	97	8.6	70 - 130	30	
Bromodichloromethane	ND	99	102	3.0	91	93	2.2	70 - 130	30	
Bromoform	ND	92	105	13.2	82	93	12.6	70 - 130	30	
Bromomethane	ND	98	86	13.0	78	63	21.3	70 - 130	30	m
Carbon Disulfide	ND	117	98	17.7	139	106	26.9	70 - 130	30	m
Carbon tetrachloride	ND	103	95	8.1	91	87	4.5	70 - 130	30	
Chlorobenzene	ND	98	98	0.0	102	101	1.0	70 - 130	30	
Chloroethane	ND	107	95	11.9	46	<40	NC	70 - 130	30	m
Chloroform	ND	103	105	1.9	92	100	8.3	70 - 130	30	
Chloromethane	ND	107	92	15.1	126	132	4.7	70 - 130	30	m
cis-1,2-Dichloroethene	ND	102	98	4.0	95	92	3.2	70 - 130	30	
cis-1,3-Dichloropropene	ND	96	98	2.1	93	95	2.1	70 - 130	30	
Dibromochloromethane	ND	95	101	6.1	82	86	4.8	70 - 130	30	
Dibromoethane	ND	93	102	9.2	88	96	8.7	70 - 130	30	
Dibromomethane	ND	95	104	9.0	88	95	7.7	70 - 130	30	
Dichlorodifluoromethane	ND	82	80	2.5	94	99	5.2	70 - 130	30	
Ethylbenzene	ND	102	99	3.0	103	100	3.0	70 - 130	30	
Hexachlorobutadiene	ND	95	93	2.1	105	102	2.9	70 - 130	30	
Isopropylbenzene	ND	101	95	6.1	96	93	3.2	70 - 130	30	
m&p-Xylene	ND	101	100	1.0	109	105	3.7	70 - 130	30	
Methyl ethyl ketone	ND	67	79	16.4	61	70	13.7	70 - 130	30	l,m
Methyl t-butyl ether (MTBE)	ND	98	101	3.0	94	105	11.1	70 - 130	30	
Methylene chloride	ND	107	89	18.4	136	99	31.5	70 - 130	30	m,r
Naphthalene	ND	96	104	8.0	85	96	12.2	70 - 130	30	
n-Butylbenzene	ND	101	96	5.1	116	108	7.1	70 - 130	30	
n-Propylbenzene	ND	95	92	3.2	102	99	3.0	70 - 130	30	
o-Xylene	ND	99	99	0.0	107	104	2.8	70 - 130	30	
p-Isopropyltoluene	ND	103	100	3.0	106	102	3.8	70 - 130	30	
sec-Butylbenzene	ND	99	95	4.1	102	97	5.0	70 - 130	30	
Styrene	ND	98	100	2.0	108	109	0.9	70 - 130	30	
tert-Butylbenzene	ND	100	95	5.1	97	92	5.3	70 - 130	30	
Tetrachloroethene	ND	140	98	35.3	103	98	5.0	70 - 130	30	l,r
Tetrahydrofuran (THF)	ND	85	114	29.1	88	125	34.7	70 - 130	30	r
Toluene	ND	101	101	0.0	99	97	2.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	129	74	54.2	>150	88	NC	70 - 130	30	m,r
trans-1,3-Dichloropropene	ND	95	102	7.1	96	102	6.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	87	100	13.9	91	104	13.3	70 - 130	30	
Trichloroethene	ND	101	99	2.0	90	87	3.4	70 - 130	30	
Trichlorofluoromethane	ND	119	115	3.4	49	<40	NC	70 - 130	30	m
Trichlorotrifluoroethane	ND	107	91	16.2	142	109	26.3	70 - 130	30	m
Vinyl chloride	ND	103	97	6.0	>150	>150	NC	70 - 130	30	m
% 1,2-dichlorobenzene-d4	102	98	101	3.0	99	102	3.0	70 - 130	30	
% Bromofluorobenzene	97	97	100	3.0	98	99	1.0	70 - 130	30	
% Dibromofluoromethane	102	97	99	2.0	95	100	5.1	70 - 130	30	
% Toluene-d8	98	99	100	1.0	100	100	0.0	70 - 130	30	

QA/QC Batch 191093, QC Sample No: BB13084 (BB14035, BB14036, BB14037, BB14038, BB14039, BB14040, BB14041, BB14042, BB14043, BB14044, BB14045, BB14046, BB14047, BB14048, BB14049, BB14054)

Pesticides - Solid

4,4' -DDD	ND	75	92	20.4	80	78	2.5	40 - 140	30	
4,4' -DDE	ND	76	88	14.6	77	77	0.0	40 - 140	30	
4,4' -DDT	ND	74	88	17.3	76	75	1.3	40 - 140	30	
a-BHC	ND	77	85	9.9	77	75	2.6	40 - 140	30	

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30	
Aldrin	ND	76	85	11.2	75	74	1.3	40 - 140	30	
b-BHC	ND	75	84	11.3	76	75	1.3	40 - 140	30	
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30	
d-BHC	ND	75	85	12.5	75	74	1.3	40 - 140	30	
Dieldrin	ND	76	84	10.0	76	75	1.3	40 - 140	30	
Endosulfan I	ND	75	83	10.1	75	74	1.3	40 - 140	30	
Endosulfan II	ND	63	75	17.4	74	73	1.4	40 - 140	30	
Endosulfan sulfate	ND	69	82	17.2	74	73	1.4	40 - 140	30	
Endrin	ND	70	85	19.4	76	73	4.0	40 - 140	30	
Endrin aldehyde	ND	67	86	24.8	73	73	0.0	40 - 140	30	
Endrin ketone	ND	77	91	16.7	76	77	1.3	40 - 140	30	
g-BHC	ND	76	86	12.3	78	76	2.6	40 - 140	30	
Heptachlor	ND	74	83	11.5	73	72	1.4	40 - 140	30	
Heptachlor epoxide	ND	74	82	10.3	74	73	1.4	40 - 140	30	
Methoxychlor	ND	71	91	24.7	81	80	1.2	40 - 140	30	
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30	
% DCBP	70	73	84	14.0	78	76	2.6	30 - 150	30	
% TCMX	74	79	84	6.1	79	76	3.9	30 - 150	30	

QA/QC Batch 191157, QC Sample No: BB13627 (BB14050, BB14052)

Semivolatiles - Ground Water

1,2,4,5-Tetrachlorobenzene	ND	93	79	16.3				30 - 130	20	
1,2,4-Trichlorobenzene	ND	77	80	3.8				30 - 130	20	
1,2-Dichlorobenzene	ND	78	76	2.6				30 - 130	20	
1,3-Dichlorobenzene	ND	77	71	8.1				30 - 130	20	
1,4-Dichlorobenzene	ND	76	75	1.3				30 - 130	20	
2,4,5-Trichlorophenol	ND	88	85	3.5				30 - 130	20	
2,4,6-Trichlorophenol	ND	92	87	5.6				30 - 130	20	
2,4-Dichlorophenol	ND	96	84	13.3				30 - 130	20	
2,4-Dimethylphenol	ND	52	51	1.9				30 - 130	20	
2,4-Dinitrophenol	ND	57	76	28.6				30 - 130	20	r
2,4-Dinitrotoluene	ND	88	86	2.3				30 - 130	20	
2,6-Dinitrotoluene	ND	90	83	8.1				30 - 130	20	
2-Chloronaphthalene	ND	81	81	0.0				30 - 130	20	
2-Chlorophenol	ND	74	75	1.3				30 - 130	20	
2-Methylnaphthalene	ND	91	86	5.6				30 - 130	20	
2-Methylphenol (o-cresol)	ND	73	73	0.0				30 - 130	20	
2-Nitroaniline	ND	92	70	27.2				30 - 130	20	r
2-Nitrophenol	ND	108	91	17.1				30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	75	71	5.5				30 - 130	20	
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC				30 - 130	20	
3-Nitroaniline	ND	43	<5	NC				30 - 130	20	l
4,6-Dinitro-2-methylphenol	ND	86	93	7.8				30 - 130	20	
4-Bromophenyl phenyl ether	ND	89	95	6.5				30 - 130	20	
4-Chloro-3-methylphenol	ND	90	99	9.5				30 - 130	20	
4-Chloroaniline	ND	<5	<5	NC				30 - 130	20	l
4-Chlorophenyl phenyl ether	ND	92	90	2.2				30 - 130	20	
4-Nitroaniline	ND	89	85	4.6				30 - 130	20	
4-Nitrophenol	ND	101	93	8.2				30 - 130	20	
Acenaphthene	ND	83	80	3.7				30 - 130	20	
Acenaphthylene	ND	48	47	2.1				30 - 130	20	
Acetophenone	ND	90	82	9.3				30 - 130	20	

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Aniline	ND	N/A	N/A	NC				30 - 130	20
Anthracene	ND	93	81	13.8				30 - 130	20
Azobenzene	ND	83	75	10.1				30 - 130	20
Benz(a)anthracene	ND	91	89	2.2				30 - 130	20
Benzidine	ND	N/A	N/A	NC				30 - 130	20
Benzo(a)pyrene	ND	74	75	1.3				30 - 130	20
Benzo(b)fluoranthene	ND	90	91	1.1				30 - 130	20
Benzo(ghi)perylene	ND	85	84	1.2				30 - 130	20
Benzo(k)fluoranthene	ND	86	89	3.4				30 - 130	20
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20
Benzyl butyl phthalate	ND	65	71	8.8				30 - 130	20
Bis(2-chloroethoxy)methane	ND	44	41	7.1				30 - 130	20
Bis(2-chloroethyl)ether	ND	88	79	10.8				30 - 130	20
Bis(2-chloroisopropyl)ether	ND	83	81	2.4				30 - 130	20
Bis(2-ethylhexyl)phthalate	ND	86	94	8.9				30 - 130	20
Carbazole	ND	66	60	9.5				30 - 130	20
Chrysene	ND	86	86	0.0				30 - 130	20
Dibenz(a,h)anthracene	ND	96	91	5.3				30 - 130	20
Dibenzofuran	ND	86	83	3.6				30 - 130	20
Diethyl phthalate	ND	73	71	2.8				30 - 130	20
Dimethylphthalate	ND	42	43	2.4				30 - 130	20
Di-n-butylphthalate	ND	88	83	5.8				30 - 130	20
Di-n-octylphthalate	ND	139	150	7.6				30 - 130	20
Fluoranthene	ND	85	76	11.2				30 - 130	20
Fluorene	ND	86	85	1.2				30 - 130	20
Hexachlorobenzene	ND	93	93	0.0				30 - 130	20
Hexachlorobutadiene	ND	82	86	4.8				30 - 130	20
Hexachlorocyclopentadiene	ND	78	71	9.4				30 - 130	20
Hexachloroethane	ND	90	76	16.9				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	90	89	1.1				30 - 130	20
Isophorone	ND	69	67	2.9				30 - 130	20
Naphthalene	ND	76	77	1.3				30 - 130	20
Nitrobenzene	ND	90	88	2.2				30 - 130	20
N-Nitrosodimethylamine	ND	59	59	0.0				30 - 130	20
N-Nitrosodi-n-propylamine	ND	94	83	12.4				30 - 130	20
N-Nitrosodiphenylamine	ND	80	75	6.5				30 - 130	20
Pentachloronitrobenzene	ND	99	100	1.0				30 - 130	20
Pentachlorophenol	ND	116	99	15.8				30 - 130	20
Phenanthrene	ND	90	85	5.7				30 - 130	20
Phenol	ND	76	71	6.8				30 - 130	20
Pyrene	ND	83	74	11.5				30 - 130	20
Pyridine	ND	<5	<5	NC				30 - 130	20
% 2,4,6-Tribromophenol	82	109	103	5.7				15 - 130	20
% 2-Fluorobiphenyl	59	69	61	12.3				30 - 130	20
% 2-Fluorophenol	67	64	55	15.1				15 - 130	20
% Nitrobenzene-d5	83	91	93	2.2				30 - 130	20
% Phenol-d5	71	44	42	4.7				15 - 130	20
% Terphenyl-d14	63	72	66	8.7				30 - 130	20

Comment:

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

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 191155, QC Sample No: BB13896 (BB14035, BB14036, BB14037, BB14038, BB14039, BB14040, BB14041, BB14042, BB14043, BB14044, BB14045, BB14046, BB14047, BB14048, BB14049)										
Polychlorinated Biphenyls - Solid										
PCB-1016	ND	94	87	7.7	118	124	5.0	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	103	96	7.0	96	112	15.4	40 - 140	30	
PCB-1262	ND							40 - 140	30	
PCB-1268	ND							40 - 140	30	
% DCBP (Surrogate Rec)	97	95	89	6.5	100	99	1.0	30 - 150	30	
% TCMX (Surrogate Rec)	76	76	72	5.4	79	77	2.6	30 - 150	30	
QA/QC Batch 191152, QC Sample No: BB13896 (BB14035, BB14036, BB14037, BB14038, BB14039, BB14040, BB14041, BB14042, BB14043, BB14044, BB14045)										
Semivolatiles - Solid										
1,2,4,5-Tetrachlorobenzene	ND	74	79	6.5	85	81	4.8	30 - 130	30	
1,2,4-Trichlorobenzene	ND	66	69	4.4	74	77	4.0	30 - 130	30	
1,2-Dichlorobenzene	ND	66	69	4.4	70	73	4.2	30 - 130	30	
1,3-Dichlorobenzene	ND	65	67	3.0	68	71	4.3	30 - 130	30	
1,4-Dichlorobenzene	ND	66	69	4.4	70	73	4.2	30 - 130	30	
2,4,5-Trichlorophenol	ND	74	83	11.5	88	87	1.1	30 - 130	30	
2,4,6-Trichlorophenol	ND	72	81	11.8	86	87	1.2	30 - 130	30	
2,4-Dichlorophenol	ND	77	81	5.1	86	86	0.0	30 - 130	30	
2,4-Dimethylphenol	ND	37	40	7.8	46	45	2.2	30 - 130	30	
2,4-Dinitrophenol	ND	13	8.3	44.1	12	15	22.2	30 - 130	30	l,m,r
2,4-Dinitrotoluene	ND	75	82	8.9	84	83	1.2	30 - 130	30	
2,6-Dinitrotoluene	ND	73	80	9.2	84	84	0.0	30 - 130	30	
2-Chloronaphthalene	ND	68	75	9.8	80	81	1.2	30 - 130	30	
2-Chlorophenol	ND	66	70	5.9	73	74	1.4	30 - 130	30	
2-Methylnaphthalene	ND	75	80	6.5	86	85	1.2	30 - 130	30	
2-Methylphenol (o-cresol)	ND	69	73	5.6	77	76	1.3	30 - 130	30	
2-Nitroaniline	ND	118	128	8.1	119	121	1.7	30 - 130	30	
2-Nitrophenol	ND	65	69	6.0	73	73	0.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	75	81	7.7	83	82	1.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	94	97	3.1	104	94	10.1	30 - 130	30	
3-Nitroaniline	ND	89	92	3.3	91	92	1.1	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	70	81	14.6	84	87	3.5	30 - 130	30	
4-Bromophenyl phenyl ether	ND	72	77	6.7	88	87	1.1	30 - 130	30	
4-Chloro-3-methylphenol	ND	75	79	5.2	84	80	4.9	30 - 130	30	
4-Chloroaniline	ND	60	59	1.7	60	61	1.7	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	79	87	9.6	93	89	4.4	30 - 130	30	
4-Nitroaniline	ND	71	77	8.1	82	81	1.2	30 - 130	30	
4-Nitrophenol	ND	78	87	10.9	85	89	4.6	30 - 130	30	
Acenaphthene	ND	70	77	9.5	83	85	2.4	30 - 130	30	
Acenaphthylene	ND	66	74	11.4	79	79	0.0	30 - 130	30	
Acetophenone	ND	71	74	4.1	76	77	1.3	30 - 130	30	
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC	30 - 130	30	
Anthracene	ND	77	82	6.3	91	95	4.3	30 - 130	30	
Azobenzene	ND	69	74	7.0	79	78	1.3	30 - 130	30	
Benz(a)anthracene	ND	78	85	8.6	99	103	4.0	30 - 130	30	

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benzidine	ND	64	68	6.1	26	35	29.5	30 - 130	30	m
Benzo(a)pyrene	ND	72	77	6.7	96	104	8.0	30 - 130	30	
Benzo(b)fluoranthene	ND	70	76	8.2	97	106	8.9	30 - 130	30	
Benzo(ghi)perylene	ND	75	81	7.7	84	96	13.3	30 - 130	30	
Benzo(k)fluoranthene	ND	74	84	12.7	98	105	6.9	30 - 130	30	
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC	30 - 130	30	
Benzyl butyl phthalate	ND	68	70	2.9	65	73	11.6	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	67	70	4.4	74	75	1.3	30 - 130	30	
Bis(2-chloroethyl)ether	ND	63	67	6.2	67	70	4.4	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	68	70	2.9	72	74	2.7	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	65	71	8.8	76	81	6.4	30 - 130	30	
Carbazole	ND	77	82	6.3	88	95	7.7	30 - 130	30	
Chrysene	ND	72	79	9.3	91	95	4.3	30 - 130	30	
Dibenz(a,h)anthracene	ND	85	96	12.2	95	98	3.1	30 - 130	30	
Dibenzofuran	ND	72	79	9.3	84	84	0.0	30 - 130	30	
Diethyl phthalate	ND	73	80	9.2	82	81	1.2	30 - 130	30	
Dimethylphthalate	ND	71	79	10.7	82	83	1.2	30 - 130	30	
Di-n-butylphthalate	ND	69	73	5.6	78	77	1.3	30 - 130	30	
Di-n-octylphthalate	ND	69	77	11.0	81	74	9.0	30 - 130	30	
Fluoranthene	ND	74	78	5.3	86	114	28.0	30 - 130	30	
Fluorene	ND	78	87	10.9	92	91	1.1	30 - 130	30	
Hexachlorobenzene	ND	67	70	4.4	80	80	0.0	30 - 130	30	
Hexachlorobutadiene	ND	70	74	5.6	79	82	3.7	30 - 130	30	
Hexachlorocyclopentadiene	ND	66	76	14.1	60	48	22.2	30 - 130	30	
Hexachloroethane	ND	61	63	3.2	64	65	1.6	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	79	87	9.6	92	99	7.3	30 - 130	30	
Isophorone	ND	52	54	3.8	57	58	1.7	30 - 130	30	
Naphthalene	ND	68	73	7.1	78	79	1.3	30 - 130	30	
Nitrobenzene	ND	67	69	2.9	70	73	4.2	30 - 130	30	
N-Nitrosodimethylamine	ND	58	61	5.0	61	62	1.6	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	70	72	2.8	73	73	0.0	30 - 130	30	
N-Nitrosodiphenylamine	ND	81	90	10.5	91	89	2.2	30 - 130	30	
Pentachloronitrobenzene	ND	73	77	5.3	90	90	0.0	30 - 130	30	
Pentachlorophenol	ND	72	80	10.5	88	94	6.6	30 - 130	30	
Phenanthrene	ND	77	81	5.1	90	103	13.5	30 - 130	30	
Phenol	ND	71	75	5.5	78	78	0.0	30 - 130	30	
Pyrene	ND	74	78	5.3	93	119	24.5	30 - 130	30	
Pyridine	ND	48	49	2.1	47	48	2.1	30 - 130	30	
% 2,4,6-Tribromophenol	79	66	70	5.9	84	87	3.5	15 - 130	30	
% 2-Fluorobiphenyl	69	63	69	9.1	79	80	1.3	30 - 130	30	
% 2-Fluorophenol	77	64	69	7.5	74	76	2.7	15 - 130	30	
% Nitrobenzene-d5	71	63	65	3.1	70	72	2.8	30 - 130	30	
% Phenol-d5	75	65	69	6.0	75	76	1.3	15 - 130	30	
% Terphenyl-d14	83	71	76	6.8	86	105	19.9	30 - 130	30	

QA/QC Batch 191278, QC Sample No: BB14051 (BB14051)

Semivolatiles - Ground Water

1,2,4,5-Tetrachlorobenzene	ND	73	74	1.4				30 - 130	20	
1,2,4-Trichlorobenzene	ND	73	71	2.8				30 - 130	20	
1,2-Dichlorobenzene	ND	77	76	1.3				30 - 130	20	
1,3-Dichlorobenzene	ND	78	76	2.6				30 - 130	20	
1,4-Dichlorobenzene	ND	77	78	1.3				30 - 130	20	
2,4,5-Trichlorophenol	ND	84	85	1.2				30 - 130	20	

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4,6-Trichlorophenol	ND	88	87	1.1				30 - 130	20	
2,4-Dichlorophenol	ND	82	82	0.0				30 - 130	20	
2,4-Dimethylphenol	ND	41	40	2.5				30 - 130	20	
2,4-Dinitrophenol	ND	52	59	12.6				30 - 130	20	
2,4-Dinitrotoluene	ND	80	81	1.2				30 - 130	20	
2,6-Dinitrotoluene	ND	87	87	0.0				30 - 130	20	
2-Chloronaphthalene	ND	81	80	1.2				30 - 130	20	
2-Chlorophenol	ND	77	76	1.3				30 - 130	20	
2-Methylnaphthalene	ND	77	77	0.0				30 - 130	20	
2-Methylphenol (o-cresol)	ND	54	54	0.0				30 - 130	20	
2-Nitroaniline	ND	10	<5	NC				30 - 130	20	I
2-Nitrophenol	ND	75	77	2.6				30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	61	60	1.7				30 - 130	20	
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC				30 - 130	20	
3-Nitroaniline	ND	<5	<5	NC				30 - 130	20	I
4,6-Dinitro-2-methylphenol	ND	76	78	2.6				30 - 130	20	
4-Bromophenyl phenyl ether	ND	83	82	1.2				30 - 130	20	
4-Chloro-3-methylphenol	ND	77	79	2.6				30 - 130	20	
4-Chloroaniline	ND	<5	<5	NC				30 - 130	20	I
4-Chlorophenyl phenyl ether	ND	81	82	1.2				30 - 130	20	
4-Nitroaniline	ND	40	40	0.0				30 - 130	20	
4-Nitrophenol	ND	68	69	1.5				30 - 130	20	
Acenaphthene	ND	64	63	1.6				30 - 130	20	
Acenaphthylene	ND	40	40	0.0				30 - 130	20	
Acetophenone	ND	76	79	3.9				30 - 130	20	
Aniline	ND	N/A	N/A	NC				30 - 130	20	
Anthracene	ND	66	65	1.5				30 - 130	20	
Azobenzene	ND	46	46	0.0				30 - 130	20	
Benz(a)anthracene	ND	72	72	0.0				30 - 130	20	
Benzidine	ND	N/A	N/A	NC				10 - 130	20	
Benzo(a)pyrene	ND	78	74	5.3				30 - 130	20	
Benzo(b)fluoranthene	ND	94	93	1.1				30 - 130	20	
Benzo(ghi)perylene	ND	78	77	1.3				30 - 130	20	
Benzo(k)fluoranthene	ND	90	88	2.2				30 - 130	20	
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20	
Benzyl butyl phthalate	ND	40	41	2.5				30 - 130	20	
Bis(2-chloroethoxy)methane	ND	36	37	2.7				30 - 130	20	
Bis(2-chloroethyl)ether	ND	84	85	1.2				30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	89	91	2.2				30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	77	79	2.6				30 - 130	20	
Carbazole	ND	68	69	1.5				30 - 130	20	
Chrysene	ND	76	75	1.3				30 - 130	20	
Dibenz(a,h)anthracene	ND	84	84	0.0				30 - 130	20	
Dibenzofuran	ND	77	76	1.3				30 - 130	20	
Diethyl phthalate	ND	60	60	0.0				30 - 130	20	
Dimethylphthalate	ND	48	48	0.0				30 - 130	20	
Di-n-butylphthalate	ND	73	74	1.4				30 - 130	20	
Di-n-octylphthalate	ND	76	79	3.9				30 - 130	20	
Fluoranthene	ND	70	69	1.4				30 - 130	20	
Fluorene	ND	77	76	1.3				30 - 130	20	
Hexachlorobenzene	ND	85	86	1.2				30 - 130	20	
Hexachlorobutadiene	ND	71	72	1.4				30 - 130	20	
Hexachlorocyclopentadiene	ND	35	45	25.0				30 - 130	20	r

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Hexachloroethane	ND	74	77	4.0				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	77	77	0.0				30 - 130	20
Isophorone	ND	64	65	1.6				30 - 130	20
Naphthalene	ND	77	76	1.3				30 - 130	20
Nitrobenzene	ND	82	82	0.0				30 - 130	20
N-Nitrosodimethylamine	ND	38	35	8.2				30 - 130	20
N-Nitrosodi-n-propylamine	ND	61	63	3.2				30 - 130	20
N-Nitrosodiphenylamine	ND	43	45	4.5				30 - 130	20
Pentachloronitrobenzene	ND	83	84	1.2				30 - 130	20
Pentachlorophenol	ND	69	78	12.2				30 - 130	20
Phenanthrene	ND	80	79	1.3				30 - 130	20
Phenol	ND	53	52	1.9				30 - 130	20
Pyrene	ND	63	63	0.0				30 - 130	20
Pyridine	ND	<5	<5	NC				30 - 130	20
% 2,4,6-Tribromophenol	86	89	92	3.3				15 - 130	20
% 2-Fluorobiphenyl	51	72	71	1.4				30 - 130	20
% 2-Fluorophenol	65	73	71	2.8				15 - 130	20
% Nitrobenzene-d5	69	75	76	1.3				30 - 130	20
% Phenol-d5	63	28	28	0.0				15 - 130	20
% Terphenyl-d14	66	53	54	1.9				30 - 130	20

Comment:

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

QA/QC Batch 191166, QC Sample No: BB14054 (BB14054)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	75	71	5.5	88	92	4.4	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	77	63	20.0	113	119	5.2	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	119	100	97	3.0	137	141	2.9	30 - 150	30
% TCMX (Surrogate Rec)	90	74	73	1.4	61	66	7.9	30 - 150	30

QA/QC Batch 191165, QC Sample No: BB14054 (BB14046, BB14047, BB14048, BB14049, BB14054)

Semivolatiles - Solid

1,2,4,5-Tetrachlorobenzene	ND	78	77	1.3	83	96	14.5	30 - 130	30
1,2,4-Trichlorobenzene	ND	72	70	2.8	83	92	10.3	30 - 130	30
1,2-Dichlorobenzene	ND	70	72	2.8	76	89	15.8	30 - 130	30
1,3-Dichlorobenzene	ND	72	71	1.4	76	83	8.8	30 - 130	30
1,4-Dichlorobenzene	ND	72	71	1.4	77	86	11.0	30 - 130	30
2,4,5-Trichlorophenol	ND	88	88	0.0	95	104	9.0	30 - 130	30
2,4,6-Trichlorophenol	ND	88	88	0.0	95	106	10.9	30 - 130	30
2,4-Dichlorophenol	ND	80	80	0.0	91	107	16.2	30 - 130	30
2,4-Dimethylphenol	ND	49	49	0.0	63	67	6.2	30 - 130	30
2,4-Dinitrophenol	ND	18	19	5.4	NC	NC	NC	30 - 130	30
2,4-Dinitrotoluene	ND	93	91	2.2	96	103	7.0	30 - 130	30
2,6-Dinitrotoluene	ND	88	88	0.0	84	89	5.8	30 - 130	30
2-Chloronaphthalene	ND	75	74	1.3	88	95	7.7	30 - 130	30
2-Chlorophenol	ND	71	71	0.0	81	94	14.9	30 - 130	30

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Methylnaphthalene	ND	78	79	1.3	87	111	24.2	30 - 130	30	
2-Methylphenol (o-cresol)	ND	73	75	2.7	88	99	11.8	30 - 130	30	
2-Nitroaniline	ND	>150	>150	NC	NC	NC	NC	30 - 130	30	l
2-Nitrophenol	ND	83	84	1.2	97	111	13.5	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	73	75	2.7	91	104	13.3	30 - 130	30	
3,3'-Dichlorobenzidine	ND	96	97	1.0	76	98	25.3	30 - 130	30	
3-Nitroaniline	ND	105	119	12.5	100	106	5.8	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	55	63	13.6	34	32	6.1	30 - 130	30	
4-Bromophenyl phenyl ether	ND	75	73	2.7	84	101	18.4	30 - 130	30	
4-Chloro-3-methylphenol	ND	87	84	3.5	96	111	14.5	30 - 130	30	
4-Chloroaniline	ND	61	71	15.2	78	97	21.7	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	82	81	1.2	90	100	10.5	30 - 130	30	
4-Nitroaniline	ND	82	84	2.4	94	101	7.2	30 - 130	30	
4-Nitrophenol	ND	101	109	7.6	97	96	1.0	30 - 130	30	
Acenaphthene	ND	76	75	1.3	120	NC	NC	30 - 130	30	
Acenaphthylene	ND	75	74	1.3	120	138	14.0	30 - 130	30	m
Acetophenone	ND	71	74	4.1	89	100	11.6	30 - 130	30	
Aniline	ND	N/A	N/A	NC	N/A	N/A	NC	30 - 130	30	
Anthracene	ND	81	80	1.2	NC	NC	NC	30 - 130	30	
Azobenzene	ND	86	87	1.2	86	96	11.0	30 - 130	30	
Benz(a)anthracene	ND	86	85	1.2	NC	NC	NC	30 - 130	30	
Benzidine	ND	26	32	20.7	NC	11	NC	30 - 130	30	l,m
Benzo(a)pyrene	ND	81	82	1.2	NC	NC	NC	30 - 130	30	
Benzo(b)fluoranthene	ND	79	79	0.0	NC	NC	NC	30 - 130	30	
Benzo(ghi)perylene	ND	88	89	1.1	NC	NC	NC	30 - 130	30	
Benzo(k)fluoranthene	ND	79	81	2.5	NC	NC	NC	30 - 130	30	
Benzoic acid	ND	N/A	N/A	NC	N/A	N/A	NC	30 - 130	30	
Benzyl butyl phthalate	ND	85	82	3.6	85	98	14.2	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	74	73	1.4	84	95	12.3	30 - 130	30	
Bis(2-chloroethyl)ether	ND	68	70	2.9	77	91	16.7	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	68	70	2.9	85	99	15.2	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	82	80	2.5	94	106	12.0	30 - 130	30	
Carbazole	ND	76	75	1.3	98	119	19.4	30 - 130	30	
Chrysene	ND	85	85	0.0	NC	NC	NC	30 - 130	30	
Dibenz(a,h)anthracene	ND	88	89	1.1	NC	NC	NC	30 - 130	30	
Dibenzofuran	ND	78	78	0.0	98	144	38.0	30 - 130	30	m,r
Diethyl phthalate	ND	85	86	1.2	88	97	9.7	30 - 130	30	
Dimethylphthalate	ND	80	80	0.0	89	100	11.6	30 - 130	30	
Di-n-butylphthalate	ND	75	75	0.0	99	104	4.9	30 - 130	30	
Di-n-octylphthalate	ND	87	88	1.1	128	NC	NC	30 - 130	30	
Fluoranthene	ND	63	63	0.0	NC	NC	NC	30 - 130	30	
Fluorene	ND	85	85	0.0	141	NC	NC	30 - 130	30	m
Hexachlorobenzene	ND	79	77	2.6	87	107	20.6	30 - 130	30	
Hexachlorobutadiene	ND	78	77	1.3	85	103	19.1	30 - 130	30	
Hexachlorocyclopentadiene	ND	38	41	7.6	NC	NC	NC	30 - 130	30	
Hexachloroethane	ND	67	70	4.4	70	84	18.2	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	89	90	1.1	NC	NC	NC	30 - 130	30	
Isophorone	ND	57	57	0.0	67	74	9.9	30 - 130	30	
Naphthalene	ND	74	74	0.0	86	109	23.6	30 - 130	30	
Nitrobenzene	ND	74	74	0.0	88	101	13.8	30 - 130	30	
N-Nitrosodimethylamine	ND	45	47	4.3	56	71	23.6	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	71	72	1.4	83	109	27.1	30 - 130	30	
N-Nitrosodiphenylamine	ND	93	95	2.1	98	115	16.0	30 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Pentachloronitrobenzene	ND	82	80	2.5	94	104	10.1	30 - 130	30	
Pentachlorophenol	ND	88	88	0.0	94	102	8.2	30 - 130	30	
Phenanthrene	ND	82	82	0.0	NC	NC	NC	30 - 130	30	
Phenol	ND	70	70	0.0	88	99	11.8	30 - 130	30	
Pyrene	ND	63	63	0.0	NC	NC	NC	30 - 130	30	
Pyridine	ND	46	46	0.0	47	54	13.9	30 - 130	30	
% 2,4,6-Tribromophenol	107	94	91	3.2	112	135	18.6	15 - 130	30	m
% 2-Fluorobiphenyl	71	70	70	0.0	79	89	11.9	30 - 130	30	
% 2-Fluorophenol	73	65	66	1.5	74	85	13.8	15 - 130	30	
% Nitrobenzene-d5	72	62	63	1.6	80	96	18.2	30 - 130	30	
% Phenol-d5	77	63	63	0.0	80	95	17.1	15 - 130	30	
% Terphenyl-d14	77	60	61	1.7	74	84	12.7	30 - 130	30	

QA/QC Batch 191398, QC Sample No: BB14295 (BB14054 (1,50X))

Volatiles - Solid

1,1,1,2-Tetrachloroethane	ND	103	95	8.1	92	94	2.2	70 - 130	30	
1,1,1-Trichloroethane	ND	105	100	4.9	101	101	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	109	98	10.6	101	108	6.7	70 - 130	30	
1,1,2-Trichloroethane	ND	108	95	12.8	88	95	7.7	70 - 130	30	
1,1-Dichloroethane	ND	117	90	26.1	94	113	18.4	70 - 130	30	
1,1-Dichloroethene	ND	94	100	6.2	111	97	13.5	70 - 130	30	
1,1-Dichloropropene	ND	103	99	4.0	92	94	2.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	109	98	10.6	69	86	21.9	70 - 130	30	m
1,2,3-Trichloropropane	ND	112	102	9.3	97	107	9.8	70 - 130	30	
1,2,4-Trichlorobenzene	ND	105	98	6.9	76	88	14.6	70 - 130	30	
1,2,4-Trimethylbenzene	ND	107	101	5.8	91	92	1.1	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	100	89	11.6	71	88	21.4	70 - 130	30	
1,2-Dichlorobenzene	ND	105	96	9.0	87	95	8.8	70 - 130	30	
1,2-Dichloroethane	ND	108	98	9.7	95	99	4.1	70 - 130	30	
1,2-Dichloropropane	ND	106	99	6.8	97	98	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	109	104	4.7	98	98	0.0	70 - 130	30	
1,3-Dichlorobenzene	ND	105	97	7.9	86	93	7.8	70 - 130	30	
1,3-Dichloropropane	ND	111	100	10.4	91	97	6.4	70 - 130	30	
1,4-Dichlorobenzene	ND	104	96	8.0	85	93	9.0	70 - 130	30	
2,2-Dichloropropane	ND	105	100	4.9	98	98	0.0	70 - 130	30	
2-Chlorotoluene	ND	106	101	4.8	95	95	0.0	70 - 130	30	
2-Hexanone	ND	87	81	7.1	55	64	15.1	70 - 130	30	m
2-Isopropyltoluene	ND	104	99	4.9	96	95	1.0	70 - 130	30	
4-Chlorotoluene	ND	101	97	4.0	90	94	4.3	70 - 130	30	
4-Methyl-2-pentanone	ND	104	89	15.5	87	101	14.9	70 - 130	30	
Acetone	ND	86	87	1.2	54	47	13.9	70 - 130	30	m
Acrylonitrile	ND	112	93	18.5	88	104	16.7	70 - 130	30	
Benzene	ND	107	101	5.8	97	97	0.0	70 - 130	30	
Bromobenzene	ND	106	100	5.8	88	91	3.4	70 - 130	30	
Bromochloromethane	ND	111	99	11.4	93	101	8.2	70 - 130	30	
Bromodichloromethane	ND	102	95	7.1	91	95	4.3	70 - 130	30	
Bromoform	ND	94	85	10.1	80	90	11.8	70 - 130	30	
Bromomethane	ND	89	88	1.1	95	93	2.1	70 - 130	30	
Carbon Disulfide	ND	104	112	7.4	105	96	9.0	70 - 130	30	
Carbon tetrachloride	ND	96	97	1.0	93	90	3.3	70 - 130	30	
Chlorobenzene	ND	107	99	7.8	95	97	2.1	70 - 130	30	
Chloroethane	ND	99	97	2.0	93	100	7.3	70 - 130	30	
Chloroform	ND	112	95	16.4	97	105	7.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	98	96	2.1	101	98	3.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	106	103	2.9	97	97	0.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	104	97	7.0	88	91	3.4	70 - 130	30	
Dibromochloromethane	ND	99	91	8.4	85	90	5.7	70 - 130	30	
Dibromoethane	ND	108	97	10.7	85	93	9.0	70 - 130	30	
Dibromomethane	ND	109	97	11.7	88	95	7.7	70 - 130	30	
Dichlorodifluoromethane	ND	85	79	7.3	100	100	0.0	70 - 130	30	
Ethylbenzene	ND	108	102	5.7	97	98	1.0	70 - 130	30	
Hexachlorobutadiene	ND	97	91	6.4	82	87	5.9	70 - 130	30	
Isopropylbenzene	ND	103	101	2.0	97	95	2.1	70 - 130	30	
m&p-Xylene	ND	109	101	7.6	98	100	2.0	70 - 130	30	
Methyl ethyl ketone	ND	84	79	6.1	54	60	10.5	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	104	99	4.9	96	97	1.0	70 - 130	30	
Methylene chloride	ND	94	101	7.2	104	90	14.4	70 - 130	30	
Naphthalene	ND	105	101	3.9	65	80	20.7	70 - 130	30	m
n-Butylbenzene	ND	108	105	2.8	92	94	2.2	70 - 130	30	
n-Propylbenzene	ND	100	96	4.1	95	96	1.0	70 - 130	30	
o-Xylene	ND	108	99	8.7	98	100	2.0	70 - 130	30	
p-Isopropyltoluene	ND	110	105	4.7	95	95	0.0	70 - 130	30	
sec-Butylbenzene	ND	103	99	4.0	96	97	1.0	70 - 130	30	
Styrene	ND	108	98	9.7	94	99	5.2	70 - 130	30	
tert-Butylbenzene	ND	103	99	4.0	97	95	2.1	70 - 130	30	
Tetrachloroethene	ND	107	100	6.8	96	95	1.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	113	85	28.3	86	110	24.5	70 - 130	30	
Toluene	ND	108	101	6.7	96	96	0.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	81	125	42.7	130	77	51.2	70 - 130	30	r
trans-1,3-Dichloropropene	ND	107	96	10.8	86	93	7.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	104	96	8.0	79	88	10.8	70 - 130	30	
Trichloroethene	ND	103	98	5.0	87	88	1.1	70 - 130	30	
Trichlorofluoromethane	ND	124	113	9.3	108	113	4.5	70 - 130	30	
Trichlorotrifluoroethane	ND	98	102	4.0	107	98	8.8	70 - 130	30	
Vinyl chloride	ND	102	97	5.0	106	104	1.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	101	98	3.0	100	100	0.0	70 - 130	30	
% Bromofluorobenzene	95	101	99	2.0	96	99	3.1	70 - 130	30	
% Dibromofluoromethane	100	101	95	6.1	95	100	5.1	70 - 130	30	
% Toluene-d8	100	99	99	0.0	99	99	0.0	70 - 130	30	

QA/QC Batch 191353, QC Sample No: BB14535 (BB14050, BB14051, BB14052, BB14053, BB14055)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	100	93	7.3	103	86	18.0	70 - 130	30	
1,1,1-Trichloroethane	ND	84	75	11.3	94	75	22.5	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	93	90	3.3	100	91	9.4	70 - 130	30	
1,1,2-Trichloroethane	ND	111	105	5.6	121	96	23.0	70 - 130	30	
1,1-Dichloroethane	ND	99	91	8.4	116	90	25.2	70 - 130	30	
1,1-Dichloroethene	ND	90	85	5.7	112	86	26.3	70 - 130	30	
1,1-Dichloropropene	ND	96	89	7.6	108	91	17.1	70 - 130	30	
1,2,3-Trichlorobenzene	ND	110	101	8.5	102	100	2.0	70 - 130	30	
1,2,3-Trichloropropane	ND	99	97	2.0	105	97	7.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	100	100	0.0	99	88	11.8	70 - 130	30	
1,2,4-Trimethylbenzene	ND	105	95	10.0	102	94	8.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	72	80	10.5	87	75	14.8	70 - 130	30	
1,2-Dichlorobenzene	ND	93	86	7.8	99	87	12.9	70 - 130	30	
1,2-Dichloroethane	ND	106	100	5.8	122	99	20.8	70 - 130	30	

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dichloropropane	ND	109	101	7.6	113	94	18.4	70 - 130	30	
1,3,5-Trimethylbenzene	ND	104	94	10.1	103	91	12.4	70 - 130	30	
1,3-Dichlorobenzene	ND	96	85	12.2	98	90	8.5	70 - 130	30	
1,3-Dichloropropane	ND	109	97	11.7	108	93	14.9	70 - 130	30	
1,4-Dichlorobenzene	ND	97	88	9.7	102	91	11.4	70 - 130	30	
2,2-Dichloropropane	ND	76	62	20.3	74	57	26.0	70 - 130	30	l,m
2-Chlorotoluene	ND	92	84	9.1	96	84	13.3	70 - 130	30	
2-Hexanone	ND	101	105	3.9	118	99	17.5	70 - 130	30	
2-Isopropyltoluene	ND	99	90	9.5	102	89	13.6	70 - 130	30	
4-Chlorotoluene	ND	96	85	12.2	99	85	15.2	70 - 130	30	
4-Methyl-2-pentanone	ND	101	106	4.8	126	104	19.1	70 - 130	30	
Acetone	ND	94	94	0.0	132	102	25.6	70 - 130	30	m
Acrylonitrile	ND	97	96	1.0	125	100	22.2	70 - 130	30	
Benzene	ND	102	95	7.1	105	88	17.6	70 - 130	30	
Bromobenzene	ND	98	89	9.6	96	89	7.6	70 - 130	30	
Bromochloromethane	ND	68	63	7.6	123	98	22.6	70 - 130	30	l
Bromodichloromethane	ND	105	102	2.9	115	97	17.0	70 - 130	30	
Bromoform	ND	91	80	12.9	90	76	16.9	70 - 130	30	
Bromomethane	ND	88	86	2.3	111	87	24.2	70 - 130	30	
Carbon Disulfide	ND	91	82	10.4	101	77	27.0	70 - 130	30	
Carbon tetrachloride	ND	81	81	0.0	90	79	13.0	70 - 130	30	
Chlorobenzene	ND	100	93	7.3	109	88	21.3	70 - 130	30	
Chloroethane	ND	114	91	22.4	114	88	25.7	70 - 130	30	
Chloroform	ND	82	74	10.3	134	108	21.5	70 - 130	30	m
Chloromethane	ND	118	109	7.9	144	122	16.5	70 - 130	30	m
cis-1,2-Dichloroethene	ND	105	93	12.1	121	93	26.2	70 - 130	30	
cis-1,3-Dichloropropene	ND	95	87	8.8	92	75	20.4	70 - 130	30	
Dibromochloromethane	ND	97	83	15.6	99	81	20.0	70 - 130	30	
Dibromoethane	ND	104	105	1.0	116	100	14.8	70 - 130	30	
Dibromomethane	ND	102	100	2.0	115	97	17.0	70 - 130	30	
Dichlorodifluoromethane	ND	57	51	11.1	80	64	22.2	70 - 130	30	l,m
Ethylbenzene	ND	108	100	7.7	113	92	20.5	70 - 130	30	
Hexachlorobutadiene	ND	94	88	6.6	86	75	13.7	70 - 130	30	
Isopropylbenzene	ND	94	88	6.6	95	83	13.5	70 - 130	30	
m&p-Xylene	ND	109	96	12.7	114	94	19.2	70 - 130	30	
Methyl ethyl ketone	ND	72	76	5.4	108	82	27.4	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	130	123	5.5	143	119	18.3	70 - 130	30	m
Methylene chloride	ND	96	91	5.3	101	87	14.9	70 - 130	30	
Naphthalene	ND	103	100	3.0	102	92	10.3	70 - 130	30	
n-Butylbenzene	ND	105	93	12.1	99	86	14.1	70 - 130	30	
n-Propylbenzene	ND	92	86	6.7	99	88	11.8	70 - 130	30	
o-Xylene	ND	108	101	6.7	119	94	23.5	70 - 130	30	
p-Isopropyltoluene	ND	109	96	12.7	99	90	9.5	70 - 130	30	
sec-Butylbenzene	ND	96	90	6.5	100	88	12.8	70 - 130	30	
Styrene	ND	111	101	9.4	119	96	21.4	70 - 130	30	
tert-Butylbenzene	ND	97	86	12.0	96	86	11.0	70 - 130	30	
Tetrachloroethene	ND	94	87	7.7	102	87	15.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	81	82	1.2	107	82	26.5	70 - 130	30	
Toluene	ND	107	98	8.8	113	96	16.3	70 - 130	30	
trans-1,2-Dichloroethene	ND	99	91	8.4	112	88	24.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	96	92	4.3	109	83	27.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	65	66	1.5	63	61	3.2	70 - 130	30	l,m
Trichloroethene	ND	97	92	5.3	104	90	14.4	70 - 130	30	

QA/QC Data

SDG I.D.: GBB14035

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichlorofluoromethane	ND	102	96	6.1	107	84	24.1	70 - 130	30
Trichlorotrifluoroethane	ND	96	83	14.5	99	80	21.2	70 - 130	30
Vinyl chloride	ND	85	76	11.2	99	83	17.6	70 - 130	30
% 1,2-dichlorobenzene-d4	106	98	99	1.0	95	100	5.1	70 - 130	30
% Bromofluorobenzene	89	104	106	1.9	101	96	5.1	70 - 130	30
% Dibromofluoromethane	88	80	74	7.8	80	74	7.8	70 - 130	30
% Toluene-d8	97	98	103	5.0	95	97	2.1	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

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

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

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

Phyllis Shiller, Laboratory Director
January 11, 2012

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

NY Temperature Narration

January 11, 2012

SDG I.D.: GBB14035

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 2

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

Project: 1426 Fulton Street, Brooklyn, NY
Report to: EBC
Invoice to: EBC

Project P.O:
Phone #: 631.504.6000
Fax #: 631.924.2870

Sampler's Signature: [signature] Date: 12.16.11

Client Sample - Information - Identification

Analysis Request

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

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	Pesticides PCBs	TAL Metals	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (B) 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
14035	SB1 (0-2)	S	12.16	930	X	X	X	X									X	X
14036	SB1 (12-14)	↓	12.16	940	↓	↓	↓	↓									↓	↓
14037	SB2 (0-2)	↓	12.16	840	↓	↓	↓	↓									↓	↓
14038	SB2 (12-14)	↓	12.16	850	↓	↓	↓	↓									↓	↓
14039	SB3 (0-2)	↓	12.19	910	↓	↓	↓	↓									↓	↓
14040	SB3 (12-14)	↓	12.19	920	↓	↓	↓	↓									↓	↓
14041	SB4 (0-2)	↓	12.19	730	↓	↓	↓	↓									↓	↓
14042	SB4 (12-14)	↓	12.19	740	↓	↓	↓	↓									↓	↓
14043	SB5 (0-2)	↓	12.16	730	↓	↓	↓	↓									↓	↓
14044	SB5 (12-14)	↓	12.16	~~730~~ 740	↓	↓	↓	↓									↓	↓
14045	SB5 (21-23)	↓	12.16	750	↓	↓	↓	↓									↓	↓
14046	SB6 (0-2)	↓	12.16	810	↓	↓	↓	↓									↓	↓

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12-21-11	9:55
[signature]	Brittany Harbee	12-21-11	16:50

Comments, Special Requirements or Regulations:

* Esite Pricing

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

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C Pg 2 of 2

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: ENVIRONMENTAL BUSINESS CONSULTANTS
Address: 1808 MIDDLE COUNTRY RD
RIDGE, NY 11961

Project: 1426 FULTON STREET, BROOKLYN, NY
Report to: EBC
Invoice to: EBC

Project P.O:
Phone #: 631.504.6000
Fax #: 631.924.2870

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12.16.11

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	SVOCs 8270	PESTICIDES/PCBs	TAL METALS DISSOLVED	TOTAL TAL METALS								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
14047	SB6(12-14)	S	12.16	820	X	X	X	X										1	1							
14048	SB7(0-2)	S	12.16	700	↓	↓	↓	↓										1	1							
14049	SB7(12-14)	S	12.16	715	↓	↓	↓	↓										1	1							
14050	GW1 *	GW	12.16	955	X	X	X		X	X										2	1	1		1		
14051	GW2	GW	12.19	745	X	X	X		X	X										2	2	1		1		
14052	GW3	GW	12.16	720	X	X	X		X	X										2	2	1		1		
14053	DUPLICATE GW1	GW	12.16	955	X				X	X										2		1		1		
14054	DUPLICATE SB2(0-2)	S	12.16	840	X	X	X	X										1	1							
14055	TRIP BLANK	W			X															2						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12-21-11	955
[signature]	Brittany Harber	12-21-11	16:50

Comments, Special Requirements or Regulations:

* E-SITE PRICING
* Run SVOCS only per Charlie on 12/21/11 (BA) only 1 Amber. Rec.

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
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☒ 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