72 BOX STREET

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC E-designation Number: 14EH-N031K

NYCVCP Project Number: 14CVCP176K

Prepared for:

Sterlingtown Equities
936 Fulton Street
Brooklyn, NY 11238

Prepared by:

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1808 Middle Country Road
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September 2013

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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 VCP	New York City Voluntary 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, Chawinie Miller, 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 Redevelopment Project located at 72 Box Street Brooklyn, NY, (OER Project Number 14EH-N031K NYC VCP Site No. 14CVCP176K). 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 72 Box Street in the Williamsburg section of Brooklyn, New York, and is identified as Block 2483 and Lot 25 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 10,000-square feet and is bounded by Box Street, to the north beyond which Block 2479 Lot 23 (a industrial building), Block 2483 Lots 44 and 45 (industrial buildings) to the south, Mc Guinness Blvd and the Pulaski Bridge to the east, and Block 2483 Lot 24 (an industrial building) to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for as a storage lot with trucking containers and is not developed with any buildings.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 6-story residential building with no basement. The new building will cover 100 % of the lot and the 1st floor will be elevated 3-4 feet due to flood zone restrictions. No residential units will be located on the ground floor. The ground floor will be utilized for parking, a lobby and mechanical rooms. No landscaped areas are planned for this site. The upper floors will be equipped with terraces for outdoor space. The building will be equipped with a total of 50 residential units and 23 parking spaces. Layout of the proposed site development is presented in Figure 3. The current zoning designation is manufacturing M1-2 and residential R6. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

A Phase I was performed on November 11, 2012. The site was formerly developed as a gasoline station from approximately 1923 to 1978. Two USTs were identified in Sanborn maps and no other information regarding the removal and closure of these USTs was available. Based on this

information, the former occupation of the site as a gasoline station and unknown presences of the two USTs was considered a REC.

The AOCs identified for this Site include:

1. Historic fill layer is present at the Site from grade to depths as great as 5 feet below grade.
2. The site was formerly developed as a gasoline station from approximately 1923 to 1978. Two USTs were identified in Sanborn maps.

Summary of the Work Performed under the Remedial Investigation

Sterlingtown Equities performed the following scope of work:

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

Summary of Environmental Findings

1. Elevation of the property ranges from 9 to 10 feet.
2. Depth to groundwater ranges from 8.28 to 10.78 feet at the Site.
3. Groundwater flow is generally from southwest to northeast beneath the Site.
4. Depth to bedrock is at the Site is greater than 100 feet.
5. The stratigraphy of the Site, from the surface down, consists of five feet of historical fill underlain by five feet of grey sandy loam and grey silty clay.
6. Soil/fill samples collected during the RI detected two VOCs above Unrestricted Use SCOs. These VOCs included acetone at 80 µg/Kg (in one of the five deep soil samples) and

methylene chloride at 55 µg/Kg (in one of the five shallow soil samples). No other VOCs were detected in any of the other eight soil samples. Six SVOCs including benz(a)anthracene (max. of 7,000 µg/Kg), benzo(a)pyrene (maximum of 7,300 µg/Kg), benzo(b)fluoranthene (maximum of 11,000 µg/Kg), benzo(k)fluoranthene (maximum of 2,500 µg/Kg), chrysene (maximum of 7,500 µg/Kg) and indeno(1,2,3-cd)pyrene (maximum of 3,200 µg/Kg) were detected above Restricted Residential SCOs in all five shallow samples. The SVOCs detected are all PAH compounds and their concentrations and distribution indicate that they are associated with historic fill material observed during the sampling. Two pesticides were detected in one of the five shallow samples above UUSCOs and included 4,4' –DDD (7.1 µg/Kg) and 4,4' –DDE (22 µg/Kg). Chlordane was also detected at a maximum concentration of 69 µg/Kg. One PCB, PCB-1260 (maximum of 120 µg/Kg) was detected in four of the five shallow soil samples above Unrestricted Use SCOs. Metals including; arsenic, barium, chromium, copper, lead, mercury and zinc were detected above Unrestricted Use SCOs. Of these metals, barium (maximum of 845 mg/Kg), lead (maximum of 1,300 mg/Kg) and mercury (maximum of 0.99 mg/Kg) were also detected above the Restricted Residential SCOs in two of the five shallow and one of the deep soil samples and within the duplicate. Findings of the RI were consistent with observations for historical fill sites in areas throughout NYC.

7.

8. Groundwater samples collected during the RI showed no VOCs, PCBs or pesticides above New York State 6NYCRR Part 703.5 Groundwater Quality Standards (GQS). Trace concentrations of two VOCs, acetone and cis-1,2-Dichloroethene were detected in all groundwater samples. Two SVOCs, benzo(a)anthracene (max of 0.06 µg/L) and bis(2-ethylhexyl)phthalate (max of 5.9 µg/L) were detected above the GQS. Three metals including aluminum (max of 0.41 mg/L), magnesium (max of 79.3 mg/L) and manganese (maximum concentration of 4.56 mg/L) were detected sample above GQS.
9. Soil vapor samples collected during the RI showed moderate levels of petroleum related and chlorinated VOCs in all soil vapor samples. Total concentrations of petroleum-related VOCs (BTEX) ranged from 10.3 µg/m^3 to 434 µg/m^3. Overall the highest reported concentrations were for acetone (maximum of 3,750 µg/m^3), hexane (maximum of 1,310 µg/m^3), heptane

(maximum of 1,810 µg/m^3) and propylene (maximum of 3,750 µg/m^3). Chlorinated VOCs including tetrachloroethene (PCE) was detected in all soil vapor samples at a maximum concentration of 6.98 µg/m^3, carbon tetrachloride was detected in two samples at a maximum concentration of 0.377 µg/m^3. Trichloroethene (TCE) was detected in all soil vapor samples at a maximum concentration of 27.3 µg/m^3 and 1,1,1-Trichloroethane (TCA) was detected two soil vapor samples at a maximum concentration of 6.76 µg/m^3. The TCE concentrations are above the monitoring level ranges established within the State DOH soil vapor guidance matrix..

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Sterlingtown Equities has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.229-acre Site located at 72 Box Street in Williamsburg section of Brooklyn, New York. Residential use is proposed for the property. The RI work was performed between August 20, 2013, and August 22, 2013. 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 72 Box Street in the Williamsburg section of Brooklyn, New York, and is identified as Block 2483 and Lot 25 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 10,000-square feet and is bounded by Box Street, to the north beyond which Block 2479 Lot 23 (a industrial building), Block 2483 Lots 44 and 45 (industrial buildings) to the south, Mc Guinness Blvd and the Pulaski Bridge to the east, and Block 2483 Lot 24 (an industrial building) to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used as a storage lot with trucking containers and is not developed with any buildings.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 6-story residential building with no basement. The new building will cover 100 % of the lot and the 1st floor will be elevated 3-4 feet due to flood zone restrictions. No residential units will be located on the ground floor. The ground floor will be utilized for parking, a lobby and mechanical rooms. No landscaped areas are planned for this site. The upper floors will be equipped with terraces for outdoor space. The building will be equipped with a total of 50 residential units and 23 parking spaces. Layout of the proposed site development is presented in Figure 3. The current zoning designation is manufacturing M1-2 and residential R6. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The area surrounding the Site consists of a mix of residential and industrial properties. 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 250 ft radius of the Site.

Surrounding Property Usage

Direction	Property Description
North – Adjacent property	Block 2479, Lot 23 (77 Box Street) – Developed with a commercial building occupied by a hotel.
South – Adjacent property	Block 2483, Lots 44 & 45 (109-111 Clay Street) – Developed with two (2) two-story industrial buildings.
East – Opposite side of Throop Avenue	McGuiness Blvd and the Pulaski Bridge beyond which is Block 2484, Lot 1 (404 McGuiness Blvd)– developed with a commercial building.
West – Adjacent property	Block 2483, Lot 24 (70 Box Street) – developed with a three-story residential building.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A Phase I was performed on November 11, 2012. The site was formerly developed as a gasoline station from approximately 1923 to 1978. Two USTs were identified in Sanborn maps and no other information regarding the removal and closure of these USTs was available. Based on this information, the former occupation of the site as a gasoline station and unknown presences of the two USTs was considered a REC.

2.2 Previous Investigations

A Phase II investigation was performed for the Site on July 31, 2012. A GPR survey was conducted for the site and no USTs were identified. Six soil boring were advanced to a depth of 15-20 feet bgs and ground water was encountered at 10-12 feet bgs. Five monitoring wells were installed on the north and east sides of the site. Soil samples were collected and analyzed for VOCs analysis via EPA Method 8260, polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270, and RCRA 8 metals via EPA Method EPA 6010. Groundwater samples were collected and analyzed for via EPA Method 8260 polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270, and RCRA 8 metals via EPA Method EPA 6010. Several PAHs and metals were detected in soil collected from one boring at concentrations greater than NYSDEC Unrestricted Use Soil Cleanup Objectives. No significant concentrations of VOCs were detected in soil. With the exception of the PAH benzo(a)pyrene, the concentrations of the compounds detected were less than Commercial SCOs. The compounds detected are commonly associated with urban fill materials. Several petroleum-related VOCs, PAHs and Lead were detected in groundwater from temporary well MW-01 located on the southeast and apparent upgradient side of the property at concentrations greater than NY TAGM criteria. PAHs were also detected at concentrations greater than TAGM criteria in a sample from well MW-02 on the east side of the property. No significant VOC, PAH or lead concentrations were detected in samples collected from other more downgradient locations on-site. The VOCs detected were located upgradient from the suspect previous UST locations on the property, and based on the presumed northwesterly groundwater flow direction may be derived from an off-site source. In addition, although VOC concentrations were slightly above TAGM criteria, the groundwater at the

property and in the area of the property is not used as a drinking water resource. The PAHs and lead detected in groundwater are considered likely to be associated with the urban fill materials observed on site and derived from suspended sediment in the groundwater samples collected from temporary wells..

2.3 Site Inspection

Mr. Dominick Mosca of EBC performed the site inspection on August 20, 2013, beginning at approximately 8:30 am. The reconnaissance included a visual inspection of the Site, the sidewalk immediately in front of the Site, and the exterior of adjacent properties. At the time of the inspection, the Site was occupied as a storage lot with truck containers. An 8 foot high chain link fence was present along Box Street and McGuiness Avenue. The groundcover consisted of asphalt.

2.4 Areas of Concern

The AOCs identified for this Site include:

1. Historic fill layer is present at the Site from grade to depths as great as 5 feet below grade.
2. The site was formerly developed as a gasoline station from approximately 1923 to 1978. Two USTs were identified in Sanborn maps.

A copy of the Phase 1 Report is presented in Attachment A.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Chawinie Miller.

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

Sterlingtown Equities performed the following scope of work:

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

4.1 Geophysical Investigation

A geophysical investigation was not performed as a part of this assessment.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

The five soil boring locations were chosen to gain representative soil and groundwater quality information across the Site. For each of the five soil borings, soil samples were collected continuously from grade to a final depth of 10 feet below existing grade using a hollow stem auger with 2' split spoon. 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.

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 8 to 10 feet below grade.

Boring logs were prepared by a Qualified Environmental Professional and are attached in Attachment B. A map showing the location of soil borings and monitor wells is shown in Figure 5.

Groundwater Monitoring Well Construction

A 1-inch diameter PVC monitoring well with 10 feet of 0.010 slot screen was installed at boring locations MW1, MW2, MW3 and MW4 set to intersect the water table. Since groundwater was encountered at approximately 8.28 feet below grade, monitoring wells were installed to a depth of 15 feet. Monitoring well sampling 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. No water was detected in MW3. 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

Ten soil samples and one duplicate 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.

The ten soil samples and one duplicate 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) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and target analyte list (TAL) metals.

Groundwater Sampling

Three groundwater samples and one duplicate 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 fifteen 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 Attachment C. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Five soil vapor probes were installed and five 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 10. Soil vapor sampling logs are included in Attachment D.

Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

The five soil vapor implants were installed using Geoprobe™ equipment and tooling. The approximate location of each of the soil vapor implants is 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 five 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 for the four implants installed on August 20, 2013, was conducted on August 22, 2013. Prior to sampling, 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 five 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 ample 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 five 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 (Attachment 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 laboratory(s) used 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 Tables 2 through 11, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Attachment E.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

Subsurface soil at the Site consisted of historic fill, which was primarily comprised of brick, concrete, wood and other debris in a brown silty-sand matrix. The layer of historic fill extended to a depth ranging from ground surface to approximately five feet below grade. Native soil consisting of a grey sandy loam and grey silty clay is present below the historic fill layer.

Hydrogeology

A table of water level data for all monitor wells is included in Table 7. The average depth to groundwater is 8.28 and the range in depth is 8.28 to 10.78. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 9. Groundwater flow is from southwest to northeast.

5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. 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 Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. A copy of the laboratory report is provided in Attachment E. Figure 6 shows the location and posts the values for soil/fill that exceeds UUSCOs and RRSCOs.

Soil/fill samples collected during the RI detected two VOCs above Unrestricted Use SCOs. These VOCs included acetone at 80 µg/Kg (in one of the five deep soil samples) and methylene chloride at 55 µg/Kg (in one of the five shallow soil samples). No other VOCs were detected in any of the other eight soil samples. Six SVOCs including benz(a)anthracene (maximum concentration of 7,000 µg/Kg), benzo(a)pyrene (maximum concentration of 7,300 µg/Kg), benzo(b)fluoranthene (maximum concentration of 11,000 µg/Kg), benzo(k)fluoranthene (maximum concentration of 2,500 µg/Kg), chrysene (maximum concentration of 7,500 µg/Kg) and indeno(1,2,3-cd)pyrene (maximum concentration of 3,200 µg/Kg) were detected above

Restricted Residential SCOs in all five shallow samples. The SVOCs detected are all PAH compounds and their concentrations and distribution indicate that they are associated with historic fill material observed during the sampling. Two pesticides were detected in one of the five shallow samples above UUSCOs and included 4,4' –DDD (7.1 µg/Kg) and 4,4' –DDE (22 µg/Kg). Chlordane was also detected at a maximum concentration of 69 µg/Kg. One PCB, PCB-1260 (maximum of 120 µg/Kg) was detected in four of the five shallow soil samples above Unrestricted Use SCOs. Metals including; arsenic, barium, chromium, copper, lead, mercury and zinc were detected above Unrestricted Use SCOs. Of these metals, barium (maximum of 845 mg/Kg), lead (maximum of 1,300 mg/Kg) and mercury (maximum of 0.99 mg/Kg) were also detected above the Restricted Residential SCOs in two of the five shallow and one of the deep soil samples and within the duplicate. Findings of the RI were consistent with observations for historical fill sites in areas throughout NYC.

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. 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 (GQS).

Groundwater samples collected during the RI showed no VOCs, PCBs or pesticides above New York State 6NYCRR Part 703.5 Groundwater Quality Standards (GQS). Trace concentrations of two VOCs, acetone and cis-1,2-Dichloroethene were detected in all groundwater samples. Two SVOCs, benzo(a)anthracene (max of 0.06 µg/L) and bis(2-ethylhexyl)phthalate (max of 5.9 µg/L) were detected above the GQS. Three metals including aluminum (max of 0.41 mg/L), magnesium (max of 79.3 mg/L) and manganese (maximum concentration of 4.56 mg/L) were detected above GQS.

5.4 Soil Vapor Chemistry

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.

Soil vapor samples collected during the RI showed moderate levels of petroleum related and chlorinated VOCs in all soil vapor samples. Total concentrations of petroleum-related VOCs (BTEX) ranged from 10.3 µg/m^3 to 434 µg/m^3. Overall the highest reported concentrations were for acetone (maximum of 3,750 µg/m^3), hexane (maximum of 1,310 µg/m^3), heptane (maximum of 1,810 µg/m^3) and propylene (maximum of 3,750 µg/m^3). Chlorinated VOCs including tetrachloroethene (PCE) was detected in all soil vapor samples at a maximum concentration of 6.98 µg/m^3, carbon tetrachloride was detected in two samples at a maximum concentration of 0.377 µg/m^3. Trichloroethene (TCE) was detected in all soil vapor samples at a maximum concentration of 27.3 µg/m^3 and 1,1,1-Trichloroethane (TCA) was detected two soil vapor samples at a maximum concentration of 6.76 µg/m^3. The TCE concentrations are above the monitoring level ranges established within the State DOH soil vapor guidance matrix.

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.

TABLES

Table 1
72 Box Street,
Brooklyn, NY
Soil Boring / Well Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)
SB1	8/20/2013	10	2	Hollow Stem Auger	-	-
SB2	8/20/2013	10	2	Hollow Stem Auger	-	-
SB3	8/20/2013	10	2	Hollow Stem Auger	-	-
SB4	8/20/2013	10	2	Hollow Stem Auger	-	-
SB5	8/20/2013	10	2	Hollow Stem Auger	-	-
MW1	8/22/2013	15	1	PVC	10.00	9.68
MW2	8/22/2013	15	1	PVC	10.00	10.38
MW3	8/22/2013	15	1	PVC	10.00	n/a
MW4	8/22/2013	15	1	PVC	10.00	8.28

TABLE 2
72 Box Street,
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1						B2				B3				B4				B5			
			(0-2') µg/Kg		Duplicate (0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
1,1,1-Trichloroethane	680	100,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
1,1,2,2-Tetrachloroethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	290	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
1,1,2-Trichloroethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
1,1-Dichloroethane	270	26,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
1,1-Dichloroethene	330	100,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
1,1-Dichloropropene			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
1,2,3-Trichlorobenzene			ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
1,2,3-Trichloropropane			ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
1,2,4-Trichlorobenzene			ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
1,2,4-Trimethylbenzene	3,600	52,000	ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
1,2-Dibromo-3-chloropropane			ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
1,2-Dibromoethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
1,2-Dichlorobenzene	1,100	100,000	ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
1,2-Dichloroethane	20	3,100	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
1,2-Dichloropropane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
1,3,5-Trimethylbenzene	8,400	52,000	ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
1,3-Dichlorobenzene	2,400	4,900	ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
1,3-Dichloropropane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
1,4-Dichlorobenzene	1,800	13,000	ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
2,2-Dichloropropane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
2-Chlorotoluene			ND	280	ND	280	ND	5.4	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.4	ND	290	ND	6.4
2-Hexanone (Methyl Butyl Ketone)			ND	28	ND	28	ND	29	ND	29	ND	33	ND	29	ND	32	ND	30	ND	29	ND	29	ND	32
2-Isopropyltoluene			ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
4-Chlorotoluene			ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
4-Methyl-2-Pentanone			ND	28	ND	28	ND	29	ND	29	ND	33	ND	29	ND	32	ND	30	ND	29	ND	29	ND	32
Acetone	50	100,000	ND	28	ND	28	ND	29	ND	29	**80**	33	ND	29	ND	92	ND	30	ND	29	ND	29	ND	32
Acrylonitrile			ND	11	ND	11	ND	12	ND	12	ND	13	ND	12	ND	13	ND	12	ND	12	ND	11	ND	13
Benzene	60	4,800	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Bromobenzene			ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
Bromochloromethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Bromodichloromethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Bromoform			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Bromomethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Carbon Disulfide			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Carbon tetrachloride	760	2,400	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Chlorobenzene	1,100	100,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Chloroethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Chloroform	370	49,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Chloromethane			ND	5.8	ND	5.8	ND	5.4	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
cis-1,2-Dichloroethene	250	100,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
cis-1,3-Dichloropropene			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Dibromochloromethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Dibromomethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Dichlorodifluoromethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Ethylbenzene	1,000	41,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Hexachlorobutadiene			ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
Isopropylbenzene			ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
m&p-Xylenes	260	100,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Methyl Ethyl Ketone (2-Butanone)	120	100,000	ND	28	ND	28	ND	29	ND	29	ND	33	ND	29	ND	32	ND	30	ND	29	ND	29	ND	32
Methyl t-butyl ether (MTBE)	930	100,000	ND	11	ND	11	ND	12	ND	12	ND	13	ND	12	ND	13	ND	12	ND	12	ND	11	ND	13
Methylene chloride	50	100,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	**55**	5.8	ND	36	ND	60	ND	58	ND	5.7	ND	6.4
Naphthalene	12,000	100,000	ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
n-Butylbenzene	12,000	100,000	ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
n-Propylbenzene	3,900	100,000	ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
o-Xylene	260	100,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
p-Isopropyltoluene			ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
sec-Butylbenzene	11,000	100,000	ND	280	ND	280	ND	5.4	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.4	ND	290	ND	6.4
Styrene			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
tert-Butylbenzene	5,900	100,000	ND	280	ND	280	ND	5.8	ND	290	ND	330	ND	290	ND	320	ND	300	ND	5.8	ND	290	ND	6.4
Tetrachloroethene	1,300	19,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Tetrahydrofuran (THF)			ND	11	ND	11	ND	12	ND	12	ND	13	ND	12	ND	13	ND	12	ND	12	ND	11	ND	13
Toluene	700	100,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Total Xylenes			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
trans-1,2-Dichloroethene	190	100,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
trans-1,3-Dichloropropene			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
trans-1,4-dichloro-2-butene			ND	560	ND	560	ND	12	ND	580	ND	660	ND	590	ND	630	ND	600	ND	12	ND	570	ND	13
Trichloroethene	470	21,000	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Trichlorofluoromethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Trichlorotrifluoroethane			ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
Vinyl Chloride	20	900	ND	5.8	ND	5.8	ND	5.8	ND	5.8	ND	6.5	ND	5.8	ND	6.3	ND	6	ND	5.8	ND	5.7	ND	6.4
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**	
Total VOCs Concentration			**0.0**		**0.0**		**0.0**		**0.0**		**80.0**		**55.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**	

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not detected
RL - Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 3
72 Box Street,
Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1						B2				B3				B4				B5			
			(0-2') µg/Kg		Duplicate (0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
1,2,4-Trichlorobenzene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
1,2-Dichlorobenzene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
1,2-Diphenylhydrazine			ND	720	ND	750	ND	390	ND	390	ND	440	ND	780	ND	410	ND	400	ND	390	ND	740	ND	410
1,3-Dichlorobenzene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
1,4-Dichlorobenzene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
2,4,5-Trichlorophenol			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
2,4,6-Trichlorophenol			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
2,4-Dichlorophenol			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
2,4-Dimethylphenol			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
2,4-Dinitrophenol			ND	1,200	ND	1,200	ND	630	ND	620	ND	700	ND	1,200	ND	660	ND	630	ND	620	ND	1,200	ND	660
2,4-Dinitrotoluene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
2,6-Dinitrotoluene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
2-Chloronaphthalene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
2-Chlorophenol			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
2-Methylnaphthalene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	**410**	280	ND	270	ND	520	ND	290
2-Methylphenol (o-cresol)	330	100,000	ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
2-Nitroaniline			ND	1,200	ND	1,200	ND	630	ND	620	ND	700	ND	1,200	ND	660	ND	630	ND	620	ND	1,200	ND	660
2-Nitrophenol			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
3&4-Methylphenol (m&p-cresol)			ND	720	ND	750	ND	390	ND	390	ND	440	ND	780	ND	410	ND	400	ND	390	ND	740	ND	410
3,3'-Dichlorobenzidine			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
3-Nitroaniline			ND	1,200	ND	1,200	ND	630	ND	620	ND	700	ND	1,200	ND	660	ND	630	ND	620	ND	1,200	ND	660
4,6-Dinitro-2-methylphenol			ND	2,100	ND	2,200	ND	1,100	ND	1,100	ND	1,300	ND	2,200	ND	1,200	ND	1,200	ND	1,100	ND	2,200	ND	1,200
4-Bromophenyl phenyl ether			ND	720	ND	750	ND	390	ND	390	ND	440	ND	780	ND	410	ND	400	ND	390	ND	740	ND	410
4-Chloro-3-methylphenol			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
4-Chloroaniline			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
4-Chlorophenyl phenyl ether			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
4-Nitroaniline			ND	1,200	ND	1,200	ND	630	ND	620	ND	700	ND	1,200	ND	660	ND	630	ND	620	ND	1,200	ND	660
4-Nitrophenol			ND	2,100	ND	2,200	ND	1,100	ND	1,100	ND	1,300	ND	2,200	ND	1,200	ND	1,200	ND	1,100	ND	2,200	ND	1,200
Acenaphthene	20,000	100,000	**870**	510	**660**	520	ND	270	**270**	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Acenaphthylene	100,000	100,000	ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Acetophenone			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Aniline			ND	2,100	ND	2,200	ND	1,100	ND	1,100	ND	1,300	ND	2,200	ND	1,200	ND	1,200	ND	1,100	ND	2,200	ND	1,200
Anthracene	100,000	100,000	**2,400**	510	**1,700**	520	ND	270	**550**	270	ND	310	**580**	540	ND	290	**360**	280	ND	270	ND	520	ND	290
Benz(a)anthracene	1,000	1,000	**7,000**	510	**5,400**	520	ND	270	**1,500**	270	ND	310	**1,600**	540	ND	290	**1,300**	280	ND	270	**1,000**	520	ND	290
Benzidine			ND	870	ND	890	ND	470	ND	460	ND	520	ND	930	ND	490	ND	480	ND	460	ND	890	ND	490
Benzo(a)pyrene	1,000	1,000	**7,300**	510	**5,400**	520	ND	270	**1,300**	270	ND	310	**1,200**	540	ND	290	**1,300**	280	ND	270	**2,100**	520	ND	290
Benzo(b)fluoranthene	1,000	1,000	**11,000**	510	**8,200**	520	ND	270	**2,100**	270	ND	310	**1,700**	540	ND	290	**1,900**	280	ND	270	**1,200**	520	ND	290
Benzo(ghi)perylene	100,000	100,000	**3,300**	510	**1,600**	520	ND	270	**360**	270	ND	310	**690**	540	ND	290	**410**	280	ND	270	**2,200**	520	ND	290
Benzo(k)fluoranthene	800	1,000	**2,500**	510	**2,100**	520	ND	270	**870**	270	ND	310	**560**	540	ND	290	**560**	280	ND	270	ND	520	ND	290
Benzoic acid			ND	2,100	ND	2,200	ND	1,100	ND	1,100	ND	1,300	ND	2,200	ND	1,200	ND	1,200	ND	1,100	ND	2,200	ND	1,200
Benzyl butyl phthalate			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Bis(2-chloroethoxy)methane			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Bis(2-chloroethyl)ether			ND	720	ND	750	ND	390	ND	390	ND	440	ND	780	ND	410	ND	400	ND	390	ND	740	ND	410
Bis(2-chloroisopropyl)ether			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Bis(2-ethylhexyl)phthalate			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Carbazole			**1,200**	1,100	ND	1,100	ND	590	ND	580	ND	650	ND	1,200	ND	620	ND	600	ND	580	ND	1,100	ND	620
Chrysene	1,000	1,000	**7,500**	510	**5,400**	520	ND	270	**1,500**	270	ND	310	**1,400**	540	ND	290	**1,400**	280	ND	270	**1,300**	520	ND	290
Dibenz(a,h)anthracene	330	330	**1,000**	510	**580**	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Dibenzofuran	7,000	59,000	**620**	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Diethyl phthalate			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Dimethylphthalate			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Di-n-butylphthalate			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Di-n-octylphthalate			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Fluoranthene	100,000	100,000	**15,000**	510	**9,100**	520	ND	270	**2,800**	270	ND	310	**2,800**	540	ND	290	**2,400**	280	ND	270	**1,400**	520	ND	290
Fluorene	30,000	100,000	**940**	510	**590**	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Hexachlorobenzene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Hexachlorobutadiene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Hexachlorocyclopentadiene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Hexachloroethane			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Indeno(1,2,3-cd)pyrene	500	500	**3,200**	510	**1,700**	520	ND	270	**340**	270	ND	310	**640**	540	ND	290	**400**	280	ND	270	ND	520	ND	290
Isophorone			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Naphthalene	12,000	100,000	ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Nitrobenzene			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
N-Nitrosodimethylamine			ND	720	ND	750	ND	390	ND	390	ND	440	ND	780	ND	410	ND	400	ND	390	ND	740	ND	410
N-Nitrosodi-n-propylamine			ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
N-Nitrosodiphenylamine			ND	720	ND	750	ND	390	ND	390	ND	440	ND	780	ND	410	ND	400	ND	390	ND	740	ND	410
Pentachloronitrobenzene			ND	720	ND	750	ND	390	ND	390	ND	440	ND	780	ND	410	ND	400	ND	390	ND	740	ND	410
Pentachlorophenol	800	2,400	ND	720	ND	750	ND	390	ND	390	ND	440	ND	780	ND	410	ND	400	ND	390	ND	740	ND	410
Phenanthrene	100,000	100,000	**14,000**	510	**7,500**	520	ND	270	**2,700**	270	ND	310	**2,600**	540	ND	290	**2,100**	280	ND	270	**1,200**	520	ND	290
Phenol	330	100,000	ND	510	ND	520	ND	270	ND	270	ND	310	ND	540	ND	290	ND	280	ND	270	ND	520	ND	290
Pyrene	100,000	100,000	**11,000**	510	**7,000**	520	ND	270	**2,500**	270	ND	310	**2,200**	540	ND	290	**1,900**	280	ND	270	**1,300**	520	ND	290
Pyridine			ND	720	ND	750	ND	390	ND	390	ND	440	ND	780	ND	410	ND	400	ND	390	ND	740	ND	410

Notes:

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

ND - Not-detected

RL - Reporting Limit

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

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

TABLE 4
72 Box Street,
Brooklyn, New York
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1						B2				B3				B4				B5			
			(0-2') µg/Kg		Duplicate (0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	3.3	2,600	ND	2.3	ND	3.3	ND	2.3	**7.1**	2.3	ND	2.6	ND**	6.1	ND	2.5	ND	2.4	ND	2.3	ND**	9.9	ND	2.5
4,4' -DDE	3.3	1,800	ND	2.2	ND	2.2	ND	2.3	**22**	2.3	ND	2.6	ND	2.3	ND	2.5	ND	2.3	ND	2.3	ND	2.7	ND	2.5
4,4' -DDT	3.3	1,700	ND*	2.2	ND*	2.2	ND	2.3	78*	2.3	ND	2.6	ND**	3.4	ND	2.5	ND*	2.3	ND	2.3	ND**	5.2	ND	2.5
a-BHC	20	97	ND	3.5	ND	3.5	ND	3.7	ND	3.7	ND	4.2	ND	3.7	ND	4	ND	3.8	ND	3.8	ND	3.6	ND	4
Alachlor			ND	3.5	ND	3.5	ND	3.7	ND	3.7	ND	4.2	ND	3.7	ND	4	ND	3.8	ND	3.8	ND	3.6	ND	4
Aldrin	5	19	ND	1.1	ND	1.1	ND	1.2	ND	1.2	ND	1.3	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.1	ND	1.2
b-BHC	36	72	ND	3.5	ND	3.5	ND	3.7	ND	3.7	ND	4.2	ND	3.7	ND	4	ND	3.8	ND	3.8	ND	3.6	ND	4
Chlordane			ND	11	ND	11	ND	12	**69**	12	ND	13	ND	12	ND	12	ND	12	ND	12	ND	11	ND	12
d-BHC	40	100,000	ND	3.5	ND	3.5	ND	3.7	ND	3.7	ND	4.2	ND	3.7	ND	4	ND	3.8	ND	3.8	ND	3.6	ND	4
Dieldrin	5	39	ND	1.5	ND	1.1	ND	1.2	ND	1.2	ND	1.3	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.1	ND	1.2
Endosulfan I	2,400	4,800	ND	3.5	ND	3.5	ND	3.7	ND	3.7	ND	4.2	ND	3.7	ND	4	ND	3.8	ND	3.8	ND	3.6	ND	4
Endosulfan II	2,400	4,800	ND*	7	ND*	7	ND	7.4	ND*	7.4	ND	8.4	ND*	7.4	ND	8	ND*	7.5	ND	7.5	ND*	7.3	ND	8
Endosulfan sulfate	2,400	4,800	ND	7	ND	7	ND	7.4	ND	7.4	ND	11	ND	7.4	ND	8	ND	7.5	ND	7.5	ND	7.3	ND	8
Endrin	14	2,200	ND*	7	ND*	7	ND	7.4	ND*	7.4	ND	8.4	ND*	7.4	ND	8	ND*	7.5	ND	7.5	ND*	7.3	ND	8
Endrin aldehyde			ND	7	ND	7	ND	7.4	ND	7.4	ND	8.4	ND	7.4	ND	8	ND	7.5	ND	7.5	ND	7.3	ND	8
Endrin ketone			ND	7	ND	7	ND	7.4	ND	7.4	ND	8.4	ND	7.4	ND	8	ND	7.5	ND	7.5	ND	7.3	ND	8
g-BHC	100	280	ND	1.1	ND	1.1	ND	1.2	ND	1.2	ND	1.3	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.1	ND	1.2
Heptachlor	42	420	ND	2.2	ND	2.2	ND	2.3	ND	2.3	ND	2.6	ND	2.3	ND	2.5	ND	2.3	ND	2.3	ND	2.3	ND	2.5
Heptachlor epoxide			ND	3.5	ND	3.5	ND	3.7	ND	3.7	ND	4.2	ND	3.7	ND	4	ND	3.8	ND	3.8	ND	3.6	ND	4
Methoxychlor			ND*	35	ND*	35	ND	37	ND*	37	ND	42	ND*	37	ND	40	ND*	38	ND	38	ND*	36	ND	40
Toxaphene			ND	35	ND	35	ND	37	ND	37	ND	42	ND	37	ND	40	ND	38	ND	38	ND	36	ND	40
PCB-1016	100	1,000	ND	73	ND	73	ND	77	ND	77	ND	88	ND	78	ND	83	ND	78	ND	78	ND	76	ND	84
PCB-1221	100	1,000	ND	73	ND	73	ND	77	ND	77	ND	88	ND	78	ND	83	ND	78	ND	78	ND	76	ND	84
PCB-1232	100	1,000	ND	73	ND	73	ND	77	ND	77	ND	88	ND	78	ND	83	ND	78	ND	78	ND	76	ND	84
PCB-1242	100	1,000	ND	73	ND	73	ND	77	ND	77	ND	88	ND	78	ND	83	ND	78	ND	78	ND	76	ND	84
PCB-1248	100	1,000	ND	73	ND	73	ND	77	ND	77	ND	88	ND	78	ND	83	ND	78	ND	78	ND	76	ND	84
PCB-1254	100	1,000	ND	73	ND	73	ND	77	ND	77	ND	88	ND	78	ND	83	ND	78	ND	78	ND	76	ND	84
PCB-1260	100	1,000	**77**	73	ND	73	ND	77	**120**	77	ND	88	**100**	78	ND	83	ND	78	ND	78	**120**	76	ND	84
PCB-1262	100	1,000	ND	73	ND	73	ND	77	ND	77	ND	88	ND	78	ND	83	ND	78	ND	78	ND	76	ND	84
PCB-1268	100	1,000	ND	73	ND	73	ND	77	ND	77	ND	88	ND	78	ND	83	ND	78	ND	78	ND	76	ND	84

Notes:

* Due to matrix interference from non target compounds in the sample an elevated RL was reported.

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

ND - Non-Detect

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

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

TABLE 5
72 Box Street,
Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1						B2				B3				B4				B5			
			(0-2') mg/Kg		Duplicate (0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg		(0-2') mg/Kg		(8-10') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			9,360	60	5,740	57	10,500	55	5,990	60	12,900	60	9,800	61	14,700	58	9,790	62	9,480	53	8,860	52	13,900	56
Antimony			BRL	4	BRL	3.8	BRL	3.7	BRL	4	BRL	4	BRL	4.1	BRL	3.9	BRL	4.1	BRL	3.5	BRL	3.5	BRL	3.7
Arsenic	13	16	14.9	0.8	9.2	0.8	4.7	0.7	12	0.8	5.2	0.8	9	0.8	3.5	0.8	6.5	0.8	9.8	0.7	7.8	0.7	5.3	0.7
Barium	350	350	830	0.4	276	0.38	28.4	0.37	845	0.4	354	0.4	158	0.41	33.2	0.39	88.2	0.41	52.5	0.35	217	0.35	42.5	0.37
Beryllium	7.2	14	0.6	0.32	0.4	0.3	0.39	0.29	0.59	0.32	0.68	0.32	0.45	0.33	0.7	0.31	0.46	0.33	0.55	0.28	0.47	0.28	0.59	0.3
Cadmium	2.5	2.5	1.81	0.4	1.77	0.38	0.39	0.37	2.23	0.4	0.51	0.4	1.74	0.41	BRL	0.39	0.85	0.41	0.76	0.35	1.86	0.35	0.45	0.37
Calcium			23,500	60	13,700	57	1,000	5.5	30,000	60	4,990	6	19,700	61	1,150	5.8	13,500	62	850	5.3	28,000	52	1,770	5.6
Chromium	30	180	25.7	0.4	19.5	0.38	17.4	0.37	75.3	0.4	21	0.4	22	0.41	23.8	0.39	18.9	0.41	26.7	0.35	19.3	0.35	28.5	0.37
Cobalt			7.18	0.4	5.27	0.38	6.83	0.37	5.66	0.4	6.55	0.4	8.89	0.41	5.73	0.39	7.03	0.41	8.15	0.35	6.66	0.35	8.94	0.37
Copper	50	270	122	0.4	102	0.38	14.4	0.37	138	0.4	29.8	0.4	73.9	0.41	15.2	0.39	51.6	0.41	20.1	0.35	51.2	0.35	22.1	0.37
Iron			25,700	60	22,700	57	24,000	55	15,900	60	22,200	60	21,100	61	23,100	58	19,100	62	48,200	53	21,500	52	22,200	56
Lead	63	400	917	4	506	3.8	7.4	0.37	1,300	4	383	4	343	4.1	13.4	0.39	130	0.41	8.69	0.35	313	3.5	19.5	0.37
Magnesium			3,880	6	3,230	5.7	2,750	5.5	2,290	6	2,910	6	8,910	61	2,660	5.8	3,580	6.2	2,510	5.3	3,020	5.2	2,890	5.6
Manganese	1,600	2,000	369	4	246	3.8	227	3.7	192	4	345	4	352	4.1	175	3.9	222	4.1	590	3.5	404	3.5	173	3.7
Mercury	0.18	0.81	0.95	0.07	0.89	0.06	BRL	0.07	0.99	0.08	0.65	0.1	0.62	0.08	BRL	0.08	0.7	0.08	BRL	0.07	0.27	0.09	BRL	0.07
Nickel	30	140	21.2	0.4	18.6	0.38	14	0.37	16.7	0.4	14.6	0.4	18.4	0.41	16.3	0.39	19.6	0.41	19	0.35	18.6	0.35	19.7	0.37
Potassium			1,220	6	925	5.7	1,070	5.5	1,550	6	1,050	6	1,140	6.1	1,200	5.8	1,560	6.2	2,080	5.3	1,480	5.2	1,210	5.6
Selenium	3.9	36	BRL	1.6	BRL	1.5	BRL	1.5	BRL	1.6	BRL	1.6	BRL	1.6	BRL	1.5	BRL	1.7	BRL	1.4	BRL	1.4	BRL	1.5
Silver	2	36	BRL	0.4	BRL	0.38	BRL	0.37	BRL	0.4	BRL	0.4	BRL	0.41	BRL	0.39	BRL	0.41	BRL	0.35	BRL	0.5	BRL	0.37
Sodium			522	6	315	5.7	163	5.5	4780	6	444	6	360	6.1	185	5.8	190	6.2	116	5.3	486	5.2	159	5.6
Thallium			BRL	0.6	BRL	0.6	BRL	0.6	BRL	0.6	BRL	0.6	BRL	0.7	BRL	0.6	BRL	0.7	BRL	0.6	BRL	0.6	BRL	0.6
Vanadium			32.5	0.4	28	0.38	26.1	0.37	35.3	0.4	22.5	0.4	32.3	0.41	34.9	0.39	31.7	0.41	45.3	0.33	40.7	0.35	38.8	0.37
Zinc	109	2,200	405	4	385	3.8	37.8	0.37	698	4	125	0.4	326	4.1	46.4	0.39	227	4.1	60.3	0.35	296	3.5	59.6	0.37

Notes:

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

BRL - Below Reporting Limit

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

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

TABLE 6
72 Box Street,
Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW4 µg/L		MW4 Duplicate µg/L	
		Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	ND	1	ND	1	ND	1	ND	1
1,1,1-Trichloroethane	5	ND	5	ND	5	ND	5	ND	5
1,1,2,2-Tetrachloroethane	5	ND	1	ND	1	ND	1	ND	1
1,1,2-Trichloroethane	1	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethane	5	ND	5	ND	5	ND	5	ND	5
1,1-Dichloroethene	5	ND	1	ND	1	ND	1	ND	1
1,1-Dichloropropene		ND	1	ND	1	ND	1	ND	1
1,2,3-Trichlorobenzene		ND	1	ND	1	ND	1	ND	1
1,2,3-Trichloropropane	0.04	ND	1	ND	1	ND	1	ND	1
1,2,4-Trichlorobenzene		ND	1	ND	1	ND	1	ND	1
1,2,4-Trimethylbenzene	5	ND	1	ND	1	ND	1	ND	1
1,2-Dibromo-3-chloropropane	0.04	ND	1	ND	1	ND	1	ND	1
1,2-Dichlorobenzene	5	ND	1	ND	1	ND	1	ND	1
1,2-Dichloroethane	0.6	ND	1	ND	1	ND	1	ND	1
1,2-Dichloropropane	0.94	ND	2	ND	2	ND	2	ND	2
1,2-Dibromoethane		ND	1	ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene	5	ND	1	ND	1	ND	1	ND	1
1,3-Dichlorobenzene	5	ND	5	ND	5	ND	5	ND	5
1,3-Dichloropropane	5	ND	1	ND	1	ND	1	ND	1
1,4-Dichlorobenzene	5	ND	5	ND	5	ND	5	ND	5
2,2-Dichloropropane	5	ND	1	ND	1	ND	1	ND	1
2-Chlorotoluene	5	ND	1	ND	1	ND	1	ND	1
2-Hexanone (Methyl Butyl Ketone)		ND	1	ND	1	ND	1	ND	1
2-Isopropyltoluene	5	ND	1	ND	1	ND	1	ND	1
4-Chlorotoluene	5	ND	1	ND	1	ND	1	ND	1
4-Methyl-2-Pentanone		ND	1	**0.54**	1	ND	1	ND	1
Acetone		**5.2**	5	**21**	5	**2.6**	5	**2.4**	5
Acrylonitrile	5	ND	5	ND	5	ND	5	ND	5
Benzene	1	ND	5	ND	5	ND	5	ND	5
Bromobenzene	5	ND	0.7	**0.7**	0.7	ND	0.7	ND	0.7
Bromochloromethane	5	ND	1	ND	1	ND	1	ND	1
Bromodichloromethane		ND	1	ND	1	ND	1	ND	1
Bromoform		ND	1	ND	1	ND	1	ND	1
Bromomethane	5	ND	5	ND	5	ND	5	ND	5
Carbon Disulfide	60	ND	5	ND	5	ND	5	ND	5
Carbon tetrachloride	5	ND	1	ND	1	ND	1	ND	1
Chlorobenzene	5	ND	1	ND	1	ND	1	ND	1
Chloroethane	5	ND	5	ND	5	ND	5	ND	5
Chloroform	7	ND	5	ND	5	ND	5	ND	5
Chloromethane	60	ND	5	ND	5	ND	5	ND	5
cis-1,2-Dichloroethene	5	**0.99**	5	**0.53**	5	**1.1**	5	**0.55**	5
cis-1,3-Dichloropropene		ND	1	ND	1	ND	1	ND	1
Dibromochloromethane		ND	1	ND	1	ND	1	ND	1
Dibromomethane	5	ND	1	ND	1	ND	1	ND	1
Dichlorodifluoromethane	5	ND	1	ND	1	ND	1	ND	1
Ethylbenzene	5	ND	1	ND	1	ND	1	ND	1
Hexachlorobutadiene	0.5	ND	1	ND	1	ND	1	ND	1
Isopropylbenzene	5	ND	1	ND	1	ND	1	ND	1
m&p-Xylenes	5	ND	1	ND	1	ND	1	ND	1
Methyl Ethyl Ketone (2-Butanone)		ND	1	ND	1	ND	1	ND	1
Methyl t-butyl ether (MTBE)	10	ND	1	ND	1	ND	1	ND	1
Methylene chloride	5	ND	1	ND	1	ND	1	ND	1
Naphthalene	10	ND	3	ND	3	ND	3	ND	3
n-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
n-Propylbenzene	5	ND	1	ND	1	ND	1	ND	1
o-Xylene	5	ND	1	ND	1	ND	1	ND	1
p-Isopropyltoluene		ND	1	ND	1	ND	1	ND	1
sec-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
Styrene	5	ND	1	ND	1	ND	1	ND	1
tert-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
Tetrachloroethene	5	ND	1	ND	1	ND	1	ND	1
Tetrahydrofuran (THF)		ND	1	ND	1	ND	1	ND	1
Toluene	5	ND	5	ND	5	ND	5	ND	5
Total Xylenes	5	ND	1	ND	1	ND	1	ND	1
trans-1,2-Dichloroethene	5	ND	5	ND	5	ND	5	ND	5
trans-1,3-Dichloropropene	0.4	ND	1	ND	1	ND	1	ND	1
trans-1,4-dichloro-2-butene	5	ND	1	ND	1	ND	1	ND	1
Trichloroethene	5	ND	1	ND	1	ND	1	ND	1
Trichlorofluoromethane	5	ND	1	ND	1	ND	1	ND	1
Trichlorotrifluoroethane		ND	1	ND	1	ND	1	ND	1
Vinyl Chloride	2	ND	1	**0.74**	1	ND	1	ND	1

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

TABLE 7
72 Box Street,
Brooklyn, New York
Groundwater Analytical Result
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW4 µg/L		MW4 Duplicate µg/L	
		Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene		ND	1.5	ND	1.5	ND	1.5	ND	1.5
1,2,4-Trichlorobenzene		ND	5	ND	5	ND	5	ND	5
1,2-Dichlorobenzene		ND	5	ND	5	ND	5	ND	5
1,2-Diphenylhdrazine		ND	5	ND	5	ND	5	ND	5
1,3-Dichlorobenzene		ND	5	ND	5	ND	5	ND	5
1,4-Dichlorobenzene		ND	5	ND	5	ND	5	ND	5
2,4,5-Trichlorophenol	3	ND	5	ND	5	ND	5	ND	5
2,4,6-Trichlorophenol	3	ND	5	ND	5	ND	5	ND	5
2,4-Dichlorophenol		ND	5	ND	5	ND	5	ND	5
2,4-Dimethylphenol		ND	5	ND	5	ND	5	ND	5
2,4-Dinitrophenol		ND	25	ND	25	ND	25	ND	25
2,4-Dinitrotoluene	5	ND	5	ND	5	ND	5	ND	5
2,6-Dinitrotoluene	5	ND	5	ND	5	ND	5	ND	5
2-Chloronaphthalene	10	ND	5	ND	5	ND	5	ND	5
2-Chlorophenol		ND	5	ND	5	ND	5	ND	5
2-Methylnaphthalene		ND	5	ND	5	ND	5	ND	5
2-Methylphenol (o-cresol)		ND	5	ND	5	ND	5	ND	5
2-Nitroaniline	5	ND	25	ND	25	ND	25	ND	25
2-Nitrophenol		ND	5	ND	5	ND	5	ND	5
3&4-Methylphenol (m&p-cresol)		ND	5	**2.9**	5	ND	5	ND	5
3,3'-Dichlorobenzidine	5	ND	10	ND	10	ND	10	ND	10
3-Nitroaniline	5	ND	25	ND	25	ND	25	ND	25
4,6-Dinitro-2-methylphenol		ND	25	ND	25	ND	25	ND	25
4-Bromophenyl phenyl ether		ND	5	ND	5	ND	5	ND	5
4-Chloro-3-methylphenol		ND	5	ND	5	ND	5	ND	5
4-Chloroaniline	5	ND	10	ND	10	ND	10	ND	10
4-Chlorophenyl phenyl ether		ND	5	ND	5	ND	5	ND	5
4-Nitroaniline	5	ND	25	ND	25	ND	25	ND	25
4-Nitrophenol		ND	25	ND	25	ND	25	ND	25
Acenaphthene	20	ND	5	ND	5	ND	5	ND	5
Acenaphthylene		ND	0.1	ND	0.1	ND	0.1	ND	0.1
Acetophenone		ND	5	ND	5	ND	5	ND	5
Aniline		ND	25	ND	25	ND	25	ND	25
Anthracene	50	ND	5	ND	5	ND	5	ND	5
Benzo(a)anthracene	0.002	**0.05**	0.04	**0.06**	0.04	**0.04**	0.04	**0.06**	0.04
Benzidine	5	ND	10	ND	10	ND	10	ND	10
Benzo(a)pyrene		ND	0.1	ND	0.1	ND	0.1	ND	0.1
Benzo(b)fluoranthene	0.002	ND	0.064	ND	0.064	ND	0.064	ND	0.064
Benzo(g,h,i)perylene		ND	0.1	ND	0.1	ND	0.1	ND	0.1
Benzo(k)fluoranthene	0.002	ND	0.1	ND	0.1	ND	0.1	ND	0.1
Benzoic Acid		ND	25	**12**	25	ND	25	ND	25
Benzyl Butyl phthalate		ND	5	ND	5	ND	5	ND	5
Bis(2-chloroethoxy)methane	5	ND	5	ND	5	ND	5	ND	5
Bis(2-chloroethyl)ether	1	ND	5	ND	5	ND	5	ND	5
Bis(2-chloroisopropyl)ether		ND	5	ND	5	ND	5	ND	5
Bis(2-ethylhexyl)phthalate	5	ND	1.6	**4.6**	1.6	ND	1.6	**5.9**	1.6
Carbazole		ND	25	ND	25	ND	25	ND	25
Chrysene	0.002	ND	0.1	ND	0.1	ND	0.1	ND	0.1
Dibenzo(a,h)anthracene		ND	0.1	ND	0.1	ND	0.1	ND	0.1
Dibenzofuran		ND	5	ND	5	ND	5	ND	5
Diethylphthalate	50	ND	5	ND	5	ND	5	ND	5
Dimethylphthalate	50	ND	5	ND	5	ND	5	ND	5
Di-n-butylphthalate	50	ND	5	ND	5	ND	5	ND	5
Di-n-octylphthalate	50	ND	5	ND	5	ND	5	ND	5
Fluoranthene	50	ND	5	ND	5	ND	5	ND	5
Hexachlorobenzene	0.04	ND	0.06	ND	0.06	ND	0.06	ND	0.06
Fluorene	50	ND	5	ND	5	ND	5	ND	5
Hexachlorobutadiene	0.5	ND	5	ND	5	ND	5	ND	5
Hexachlorocyclopentadiene	5	ND	5	ND	5	ND	5	ND	5
Hexachloroethane	5	ND	2.4	ND	2.4	ND	2.4	ND	2.4
Indeno(1,2,3-cd)pyrene	0.002	ND	0.1	ND	0.1	ND	0.1	ND	0.1
Isophorone	50	ND	5	ND	5	ND	5	ND	5
Naphthalene	10	ND	5	ND	5	ND	5	ND	5
Nitrobenzene	0.4	ND	5	ND	5	ND	5	ND	5
N-Nitrosodimethylamine		ND	5	ND	5	ND	5	ND	5
N-Nitrosodi-n-propylamine		ND	5	ND	5	ND	5	ND	5
N-Nitrosodiphenylamine	50	ND	5	ND	5	ND	5	ND	5
Pentachloronitrobenzene		ND	0.1	ND	0.1	ND	0.1	ND	0.1
Pentachlorophenol		ND	0.8	ND	0.8	ND	0.8	ND	0.8
Phenanthrene	50	ND	0.1	ND	0.1	ND	0.1	ND	0.1
Phenol		ND	5	ND	5	ND	5	ND	5
Pyrene	50	ND	5	ND	5	ND	5	ND	5
Pyridine		ND	10	ND	10	ND	10	ND	10

Notes:
ND - Not detected

TABLE 7
72 Box Street,
Brooklyn, New York
Groundwater Analytical Result

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 8
72 Box Street,
Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW4 µg/L		MW4 Duplicate µg/L	
		Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	**0.09**	ND	0.072	ND	0.072	ND	0.072	ND	0.072
PCB-1221	**0.09**	ND	0.072	ND	0.072	ND	0.072	ND	0.072
PCB-1232	**0.09**	ND	0.072	ND	0.072	ND	0.072	ND	0.072
PCB-1242	**0.09**	ND	0.072	ND	0.072	ND	0.072	ND	0.072
PCB-1248	**0.09**	ND	0.072	ND	0.072	ND	0.072	ND	0.072
PCB-1254	**0.09**	ND	0.072	ND	0.072	ND	0.072	ND	0.072
PCB-1260	**0.09**	ND	0.072	ND	0.072	ND	0.072	ND	0.072
PCB-1262	**0.09**	ND	0.072	ND	0.072	ND	0.072	ND	0.072
PCB-1268	**0.09**	ND	0.072	ND	0.072	ND	0.072	ND	0.072
4,4-DDD	**0.3**	ND	0.01	ND	0.01	ND	0.01	ND	0.01
4,4-DDE	**0.2**	ND	0.01	ND	0.01	ND	0.01	ND	0.01
4,4-DDT	**0.11**	ND	0.01	ND	0.01	ND	0.01	ND	0.01
a-BHC	**0.94**	ND	0.01	ND	0.01	ND	0.01	ND	0.01
a-Chlordane		ND	0.025	ND	0.025	ND	0.025	ND	0.025
Alachlor		ND	0.075	ND	0.075	ND	0.075	ND	0.075
Aldrin		ND	0.002	ND	0.002	ND	0.002	ND	0.002
b-BHC	**0.04**	ND	0.005	ND	0.01	ND	0.005	ND	0.005
Chlordane	**0.05**	ND	0.05	ND	0.05	ND	0.05	ND	0.05
d-BHC	**0.04**	ND	0.025	ND	0.025	ND	0.025	ND	0.025
Dieldrin	**0.004**	ND	0.002	ND	0.002	ND	0.002	ND*	0.009
Endosulfan I		ND	0.05	ND	0.05	ND	0.05	ND	0.05
Endosulfan II		ND	0.05	ND	0.05	ND	0.05	ND	0.05
Endosulfan Sulfate		ND	0.05	ND	0.05	ND	0.05	ND	0.05
Endrin		ND	0.01	ND	0.01	ND	0.01	ND	0.01
Endrin aldehyde	**5**	ND	0.05	ND	0.05	ND	0.05	ND	0.05
Endrin ketone		ND	0.05	ND	0.05	ND	0.05	ND	0.05
gamma-BHC	**0.05**	ND	0.025	ND	0.025	ND	0.025	ND	0.025
g-Chlordane		ND	0.025	ND	0.025	ND	0.025	ND	0.025
Heptachlor	**0.04**	ND	0.01	ND	0.01	ND	0.01	ND	0.01
Heptachlor epoxide	**0.03**	ND	0.01	ND	0.01	ND	0.01	ND	0.01
Methoxychlor	**35**	ND	0.1	ND	0.1	ND	0.1	ND	0.1
Toxaphene		ND	0.25	ND	0.25	ND	0.25	ND	0.25

Notes:

ND - Non-detect

ND* - Due to matrix interference from non target compounds in the sample an elevated RL was reported.

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 9
72 Box Street,
Brooklyn, New York
Groundwater Analytical Results
TAL Metals

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW4		MW4 Duplicate	
	mg/L	mg/L		mg/L		mg/L		mg/L	
		Result	RL	Result	RL	Result	RL	Result	RL
Aluminum	**0.1**	**38.7**	0.1	**13.8**	0.1	**6.41**	0.01	**8.73**	0.01
Antimony	**0.003**	BRL	0.003	BRL	0.003	BRL	0.003	BRL	0.003
Arsenic	**0.025**	**0.015**	0.004	**0.003**	0.004	**0.003**	0.004	**0.005**	0.004
Barium	**1**	**0.337**	0.01	**0.31**	0.01	**0.158**	0.01	**0.203**	0.01
Beryllium	**0.003**	**0.001**	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Cadmium	**0.005**	**0.001**	0.004	**0.001**	0.004	**0**	0.004	**0**	0.004
Calcium	**NS**	**328**	0.1	**231**	0.1	**115**	0.1	**169**	0.1
Chromium	**0.05**	**0.081**	0.001	**0.03**	0.001	**0.014**	0.001	**0.016**	0.001
Cobalt	**NS**	**0.024**	0.005	**0.013**	0.005	**0.007**	0.005	**0.008**	0.005
Copper	**0.2**	**0.065**	0.005	**0.043**	0.005	**0.014**	0.005	**0.017**	0.005
Iron	**0.5**	**102**	0.1	**40.2**	0.1	**15.8**	0.1	**16.6**	0.1
Lead	**0.025**	**0.06**	0.002	**0.038**	0.002	**0.009**	0.002	**0.019**	0.002
Magnesium	**35**	**25.2**	0.1	**75.5**	0.1	**11.3**	0.01	**16.1**	0.01
Manganese	**0.3**	**1.58**	0.05	**0.887**	0.005	**3.49**	0.05	**4.66**	0.05
Mercury	**0.0007**	BRL	0.0002	BRL	0.0002	BRL	0.0002	BRL	0.0002
Nickel	**0.1**	**0.044**	0.004	**0.022**	0.004	**0.012**	0.004	**0.014**	0.004
Potassium	**NS**	**30.1**	0.1	**44.2**	1	**19.4**	0.1	**26.9**	0.1
Selenium	**0.01**	BRL	0.004	BRL	0.004	BRL	0.004	BRL	0.004
Silver	**0.05**	BRL	0.005	BRL	0.005	BRL	0.005	**0.001**	0.005
Sodium	**2**	**179**	1	**225**	1	**72.6**	1	**65.7**	1
Thallium	**0.0005**	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002
Vanadium	**NS**	**0.134**	0.01	**0.05**	0.01	**0.02**	0.01	**0.022**	0.01
Zinc	**2**	**0.123**	0.01	**0.063**	0.01	**0.04**	0.01	**0.044**	0.01

Notes:
BRL - Below Reporting Limit
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 10
72 Box Street,
Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW4		MW4 Duplicate	
	mg/L	mg/L		mg/L		mg/L		mg/L	
	mg/L	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum	**0.1**	**0.41**	0.01	**0.33**	0.01	**0.04**	0.01	**0.14**	0.01
Antimony	**0.003**	BRL	0.003	BRL	0.003	BRL	0.003	BRL	0.003
Arsenic	**0.025**	**0.003**	0.003	BRL	0.003	**0.003**	0.003	BRL	0.003
Barium	**1**	**0.137**	0.011	**0.218**	0.011	**0.113**	0.011	**0.145**	0.011
Beryllium	**0.003**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Cadmium	**0.005**	BRL	0.004	BRL	0.004	BRL	0.004	BRL	0.004
Calcium	**NS**	**353**	0.11	**244**	0.11	**121**	0.01	**166**	0.01
Chromium	**0.05**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Cobalt	**NS**	BRL	0.005	**0.003**	0.005	**0.002**	0.005	**0.003**	0.005
Copper	**0.2**	**0.002**	0.005	**0.002**	0.005	**0.001**	0.005	BRL	0.005
Iron	**0.5**	**0.23**	0.01	**0.36**	0.01	**0.04**	0.01	**0.08**	0.01
Lead	**0.025**	**0.002**	0.002	BRL	0.002	BRL	0.002	BRL	0.002
Magnesium	**35**	**17.1**	0.01	**79.3**	0.01	**10.5**	0.01	**15.1**	0.01
Manganese	**0.3**	**0.307**	0.005	**0.682**	0.005	**3.21**	0.053	**4.56**	0.053
Mercury	**0.0007**	BRL	0.0002	BRL	0.0002	BRL	0.0002	BRL	0.0002
Nickel	**0.1**	**0.002**	0.004	**0.006**	0.004	**0.004**	0.004	**0.004**	0.004
Potassium	**NS**	**27.9**	1.1	**46.4**	1.1	**19.7**	1.1	**28**	1.1
Selenium	**0.01**	**0.005**	0.004	BRL	0.004	BRL	0.004	BRL	0.004
Silver	**0.05**	**0.001**	0.005	BRL	0.005	BRL	0.005	**0.001**	0.005
Sodium	**2**	**182**	1.1	**230**	1.1	**79**	1.1	**70.2**	1.1
Thallium	**0.0005**	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002
Vanadium	**NS**	BRL	0.01	BRL	0.01	BRL	0.01	BRL	0.01
Zinc	**2**	BRL	0.011	**0.005**	0.011	**0.005**	0.011	**0.006**	0.011

Notes:
BRL - Below Reporting Limit
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 11
72 Box Street,
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m³) [a]	NYSDOH Soil Outdoor Background Levels (µg/m³) [b]	SG-1 (µg/m3)		SG-2 (µg/m3)		SG-3 (µg/m3)		SG-4 (µg/m3)		SG-5 (µg/m3)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			ND	1	ND	1	ND	1	ND	1	ND	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	ND	1	**6.76**	1	ND	1	ND	1	**2.07**	1
1,1,2,2-Tetrachloroethane		<1.5	ND	1	ND	1	ND	1	ND	1	ND	1
1,1,2-Trichloroethane		<1.0	ND	1	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethane		<1.0	ND	1	**1.7**	1	ND	1	ND	1	ND	1
1,1-Dichloroethene		<1.0	ND	1	ND	1	ND	1	ND	1	ND	1
1,2,4-Trichlorobenzene		NA	ND	1	ND	1	ND	1	ND	1	ND	1
1,2,4-Trimethylbenzene		<1.0	**16.4**	1	**15.5**	1	**15.5**	1	**8.5**	1	**10.5**	1
1,2-Dibromoethane		<1.5	ND	1	ND	1	ND	1	ND	1	ND	1
1,2-Dichlorobenzene		<2.0	ND	1	ND	1	ND	1	ND	1	ND	1
1,2-Dichloroethane		<1.0	**11.4**	1	ND	1	ND	1	**2.79**	1	ND	1
1,2-Dichloropropane			ND	1	ND	1	ND	1	ND	1	ND	1
1,2-Dichlorotetrafluoroethane			ND	1	ND	1	ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene		<1.0	**12.5**	1	**5.31**	1	**4.86**	1	**3.34**	1	**3.54**	1
1,3-Butadiene		NA	ND	1	ND	1	ND	1	ND	1	ND	1
1,3-Dichlorobenzene		<2.0	ND	1	ND	1	ND	1	ND	1	ND	1
1,4-Dichlorobenzene		NA	ND	1	ND	1	ND	1	ND	1	ND	1
1,4-Dioxane			ND	1	ND	1	ND	1	ND	1	ND	1
2-Hexanone			ND	1	**55.7**	1	ND	1	ND	1	ND	1
4-Ethyltoluene		NA	**22**	1	**4.08**	1	**5.26**	1	**3.1**	1	**3.44**	1
4-Isopropyltoluene			ND	1	ND	1	ND	1	ND	1	ND	1
4-Methyl-2-pentanone			ND	1	**7.33**	1	**29.2**	1	ND	1	**5.9**	1
Acetone		NA	**3,750**	1	**384**	1	**558**	1	**401**	1	**98**	1
Acrylonitrile			ND	1	ND	1	ND	1	ND	1	ND	1
Benzene		<1.6 - 4.7	**434**	1	**10.3**	1	**12.2**	1	**57.1**	1	**12.7**	1
Benzyl Chloride		NA	ND	1	ND	1	ND	1	ND	1	ND	1
Bromodichloromethane		<5.0	ND	1	ND	1	ND	1	ND	1	ND	1
Bromoform		<1.0	ND	1	ND	1	ND	1	ND	1	ND	1
Bromomethane		<1.0	ND	1	ND	1	ND	1	ND	1	ND	1
Carbon Disulfide		NA	**46**	1	**29.6**	1	**141**	1	ND	1	**7.97**	1
Carbon Tetrachloride	5	<3.1	**0.251**	0.25	ND	0.25	**0.377**	0.25	ND	0.25	ND	0.25
Chlorobenzene		<2.0	ND	1	ND	1	ND	1	ND	1	ND	1
Chloroethane		NA	ND	1	ND	1	ND	1	ND	1	ND	1
Chloroform		<2.4	ND	1	**9.52**	1	**5.86**	1	ND	1	**2.39**	1
Chloromethane		<1.0 - 1.4	ND	1	ND	1	**61.7**	1	ND	1	ND	1
cis-1,2-Dichloroethene		<1.0	ND	1	ND	1	ND	1	ND	1	ND	1
cis-1,3-Dichloropropene		NA	ND	1	ND	1	ND	1	ND	1	ND	1
Cyclohexane		NA	**726**	1	**16.1**	1	**18.3**	1	**97**	1	**9.8**	1
Dibromochloromethane		<5.0	ND	1	ND	1	ND	1	ND	1	ND	1
Dichlorodifluromethane		NA	**9.64**	1	**504**	1	**3.51**	1	ND	1	**1740**	1
Ethanol			**89**	1	**47**	1	**27.5**	1	**30.9**	1	**36.5**	1
Ethyl Acetate		NA	ND	1	ND	1	ND	1	ND	1	ND	1
Ethylbenzene		<4.3	**103**	1	**22.3**	1	**23.5**	1	**19**	1	**11.8**	1
Heptane		NA	**1810**	1	**21**	1	**11.3**	1	**85.6**	1	**8.19**	1
Hexachlorobutadiene		NA	ND	1	ND	1	ND	1	ND	1	ND	1
Hexane		<1.5	**1310**	1	**27.8**	1	**17.4**	1	**437**	1	**21.8**	1
Isopropylalcohol		NA	ND	1	ND	1	ND	1	ND	1	ND	1
Isopropylbenzene			**20.5**	1	**1.82**	1	**1.77**	1	**2.85**	1	**1.67**	1
Xylene (m&p)		<4.3	**132**	1	**82.4**	1	**81.6**	1	**57.3**	1	**45.1**	1
Methyl Ethyl Ketone			ND	1	**421**	1	**119**	1	**40.4**	1	**7.46**	1
MTBE		NA	ND	1	ND	1	ND	1	ND	1	ND	1
Methylene Chloride		<3.4	ND	1	**3.4**	1	**3.58**	1	**2.22**	1	**1.25**	1
n-Butylbenzene			**1.15**	1	ND	1	ND	1	ND	1	ND	1
Xylene (o)		<4.3	**58.1**	1	**28.6**	1	**26.1**	1	**20**	1	**15.5**	1
Propylene		NA	**189**	1	**210**	1	**559**	1	**473**	1	**222**	1
sec-Butylbenzene			**2.14**	1	ND	1	ND	1	**1.32**	1	ND	1
Styrene		<1.0	ND	1	ND	1	ND	1	ND	1	ND	1
Tetrachloroethene	100		**0.474**	0.25	**5.49**	0.25	**6.98**	0.25	**0.746**	0.25	**3.18**	0.25
Tetrahydrofuran		NA	ND	1	**21.1**	1	**12.6**	1	ND	1	**14.2**	1
Toluene		1.0 - 6.1	**189**	1	**95.3**	1	**87**	1	**110**	1	**38**	1
trans-1,2-Dichloroethene		NA	ND	1	ND	1	ND	1	ND	1	ND	1
trans-1,3-Dichloropropene		NA	ND	1	ND	1	ND	1	ND	1	ND	1
Trichloroethene	5	<1.7	**0.913**	0.25	**27.3**	0.25	**1.29**	0.25	**0.483**	0.25	**1.07**	0.25
Trichlorofluoromethane		NA	ND	1	**5.9**	1	**3.87**	1	ND	1	ND	1
Trichlorotrifluoroethane			ND	1	ND	1	ND	1	ND	1	ND	1
Vinyl Chloride		<1.0	**1.2**	0.25	**1.71**	0.25	ND	0.25	ND	0.25	ND	0.25

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)
Value detected above NYSDOH Air Guidance Value of 5 µg/m3, which according to Soil Vapor/Indoor Air Matrix 1 would require at a minimum, mitigation.
Value detected above NYSDOH Air Guidance Value of 100 µg/m3, which according to Soil Vapor/Indoor Air Matrix 2 would require at a minimum, mitigation.

FIGURES

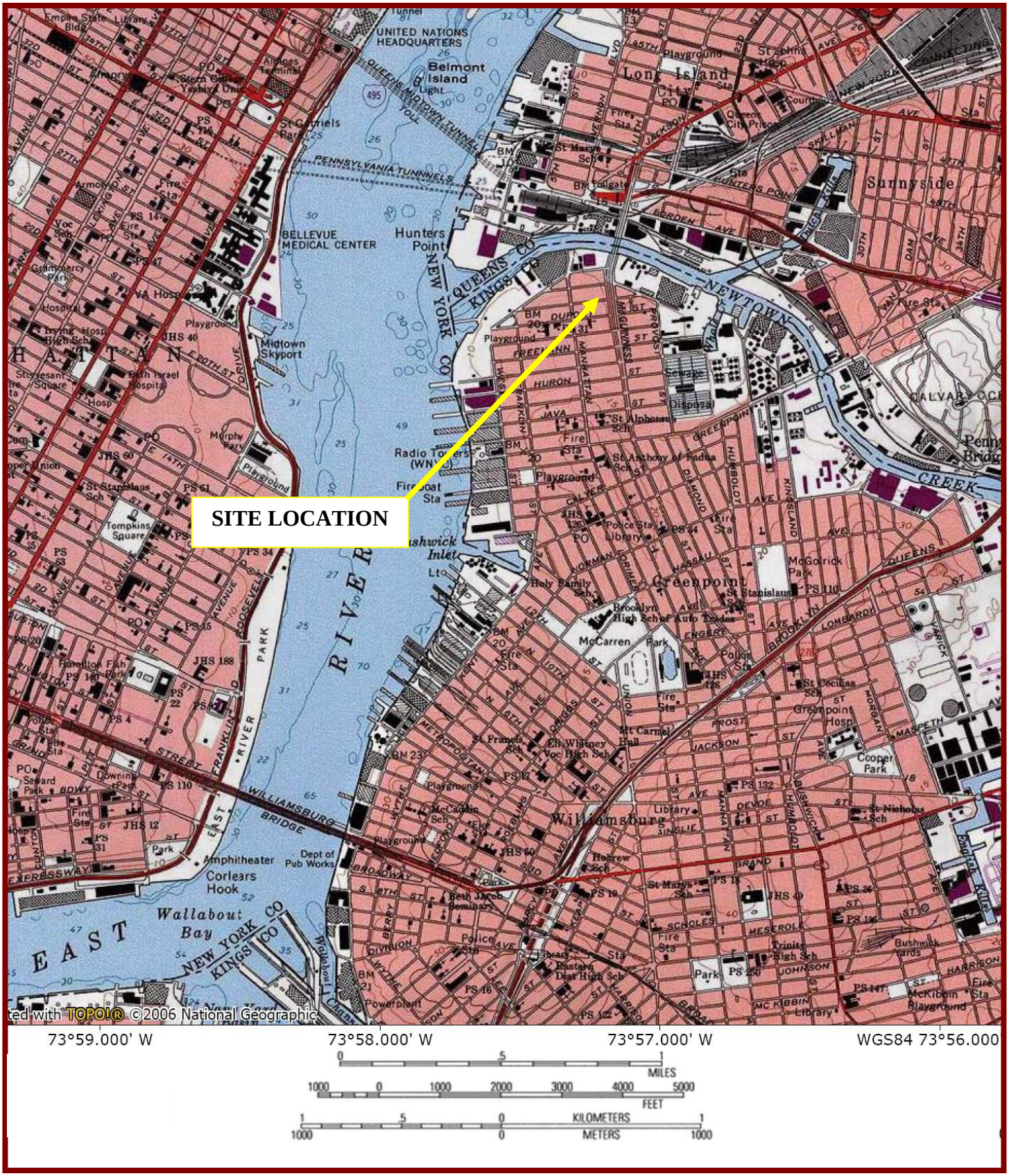

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FIGURE 1 – SITE LOCATION MAP

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FIGURE 2 SITE BOUNDARY MAP

BOX STREET

SIDEWALK

LOT 24

MC GUINNESS BLVD

0 10 20

1 inch = 20 feet

KEY

Site Boundary

LOT 48 LOT 45 LOT 44

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FIGURE 3 SITE REDEVELOPMENT PLAN

Source: http://www.oasisnyc.net/map.aspx

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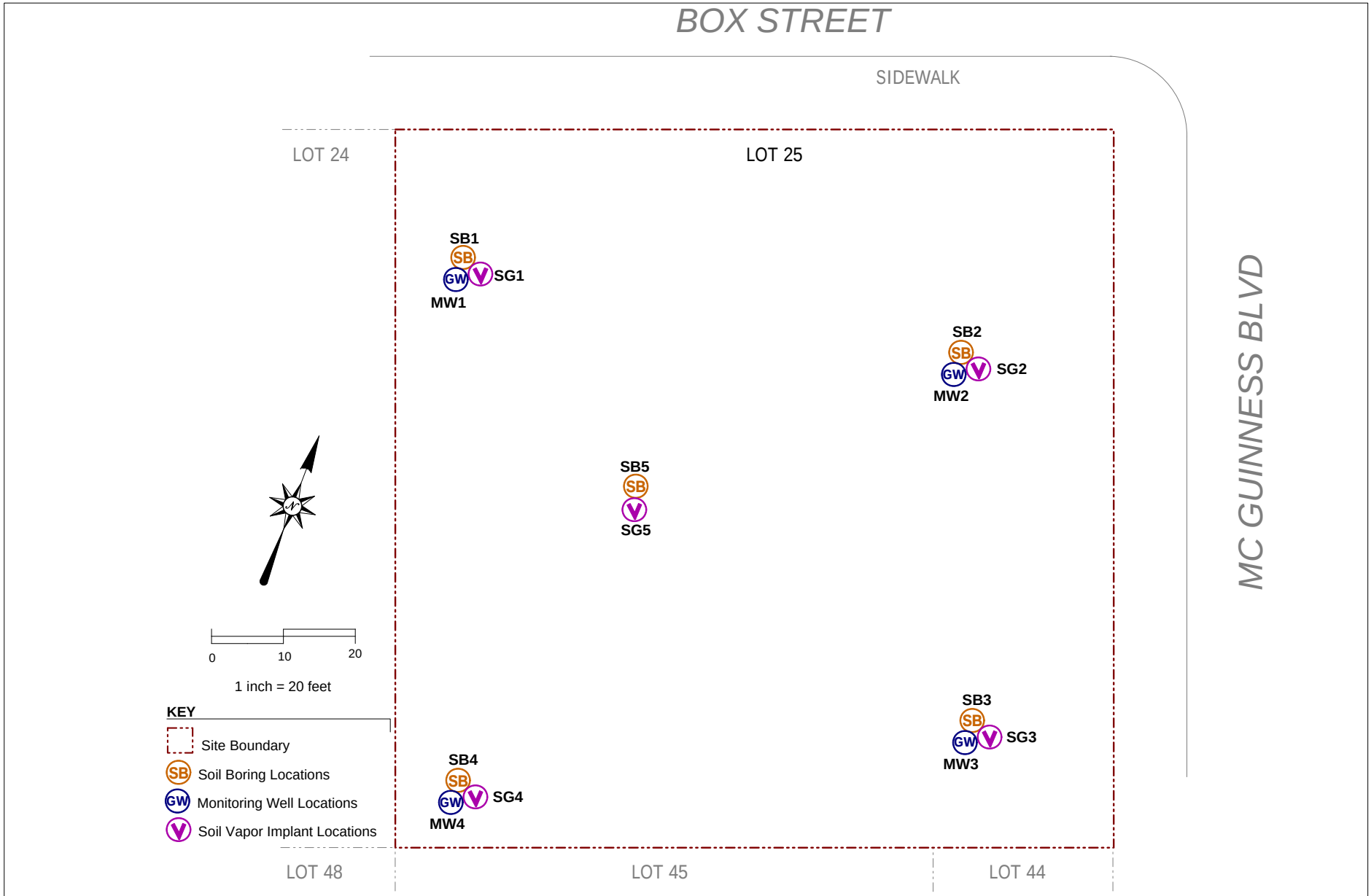

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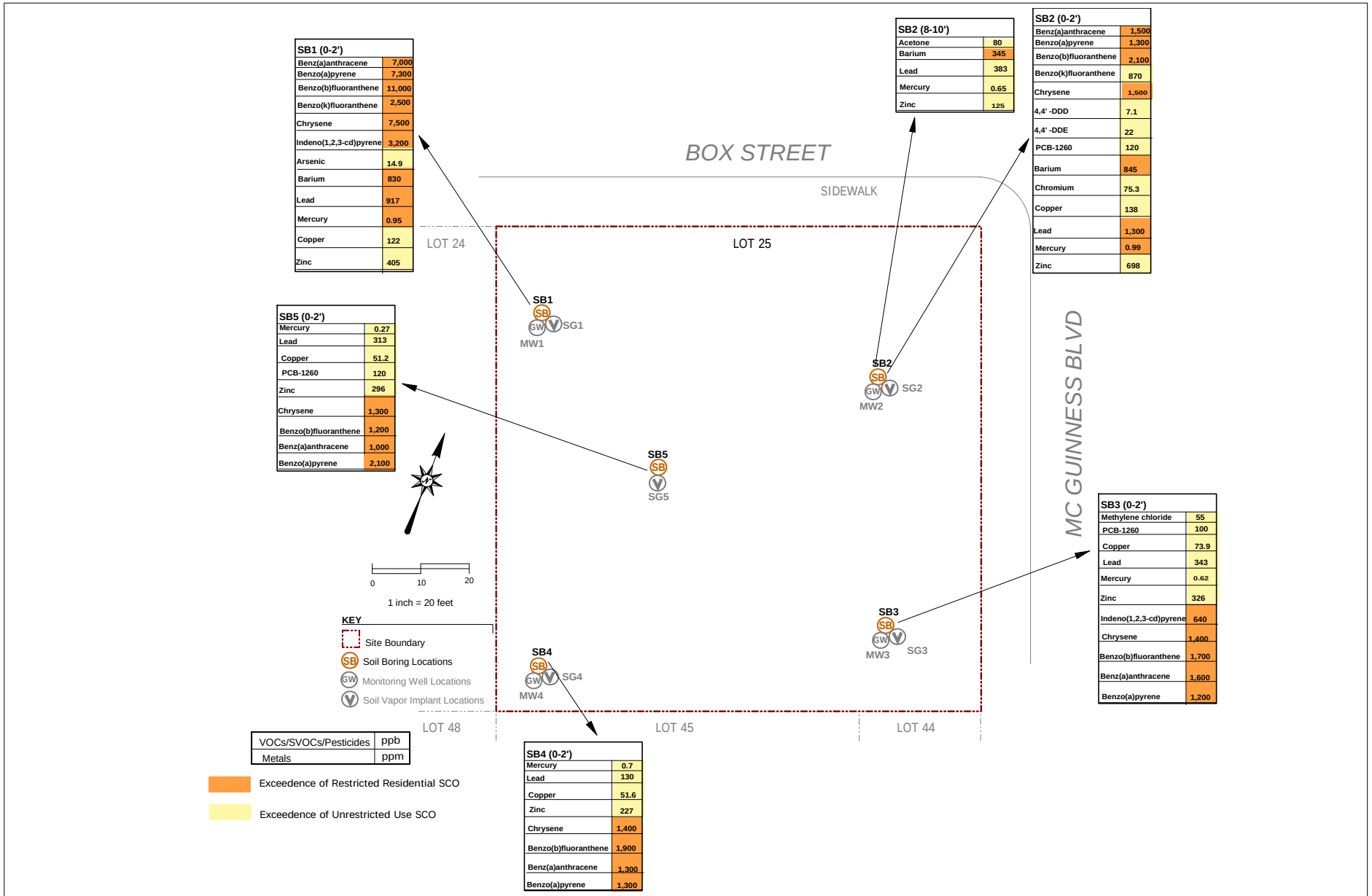
FIGURE 5 SITE SAMPLING LOCATIONS



SB1 (0-2')	
Benz(a)anthracene	7,000
Benzo(a)pyrene	7,300
Benzo(b)fluoranthene	11,000
Benzo(k)fluoranthene	2,500
Chrysene	7,500
Indeno(1,2,3-cd)pyrene	3,200
Arsenic	14.9
Barium	830
Lead	917
Mercury	0.95
Copper	122
Zinc	405

SB2 (8-10')	
Acetone	80
Barium	345
Lead	383
Mercury	0.65
Zinc	125

SB2 (0-2')	
Benz(a)anthracene	1,500
Benzo(a)pyrene	1,300
Benzo(b)fluoranthene	2,100
Benzo(k)fluoranthene	870
Chrysene	1,500
4,4' -DDD	7.1
4,4' -DDE	22
PCB-1260	120
Barium	845
Chromium	75.3
Copper	138
Lead	1,300
Mercury	0.99
Zinc	698

SB5 (0-2')	
Mercury	0.27
Lead	313
Copper	51.2
PCB-1260	120
Zinc	296
Chrysene	1,300
Benzo(b)fluoranthene	1,200
Benz(a)anthracene	1,000
Benzo(a)pyrene	2,100

SB3 (0-2')	
Methylene chloride	55
PCB-1260	100
Copper	73.9
Lead	343
Mercury	0.62
Zinc	326
Indeno(1,2,3-cd)pyrene	640
Chrysene	1,400
Benzo(b)fluoranthene	1,700
Benz(a)anthracene	1,600
Benzo(a)pyrene	1,200

SB4 (0-2')	
Mercury	0.7
Lead	130
Copper	51.6
Zinc	227
Chrysene	1,400
Benzo(b)fluoranthene	1,900
Benz(a)anthracene	1,300
Benzo(a)pyrene	1,300

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FIGURE 6 SOIL EXCEEDANCES

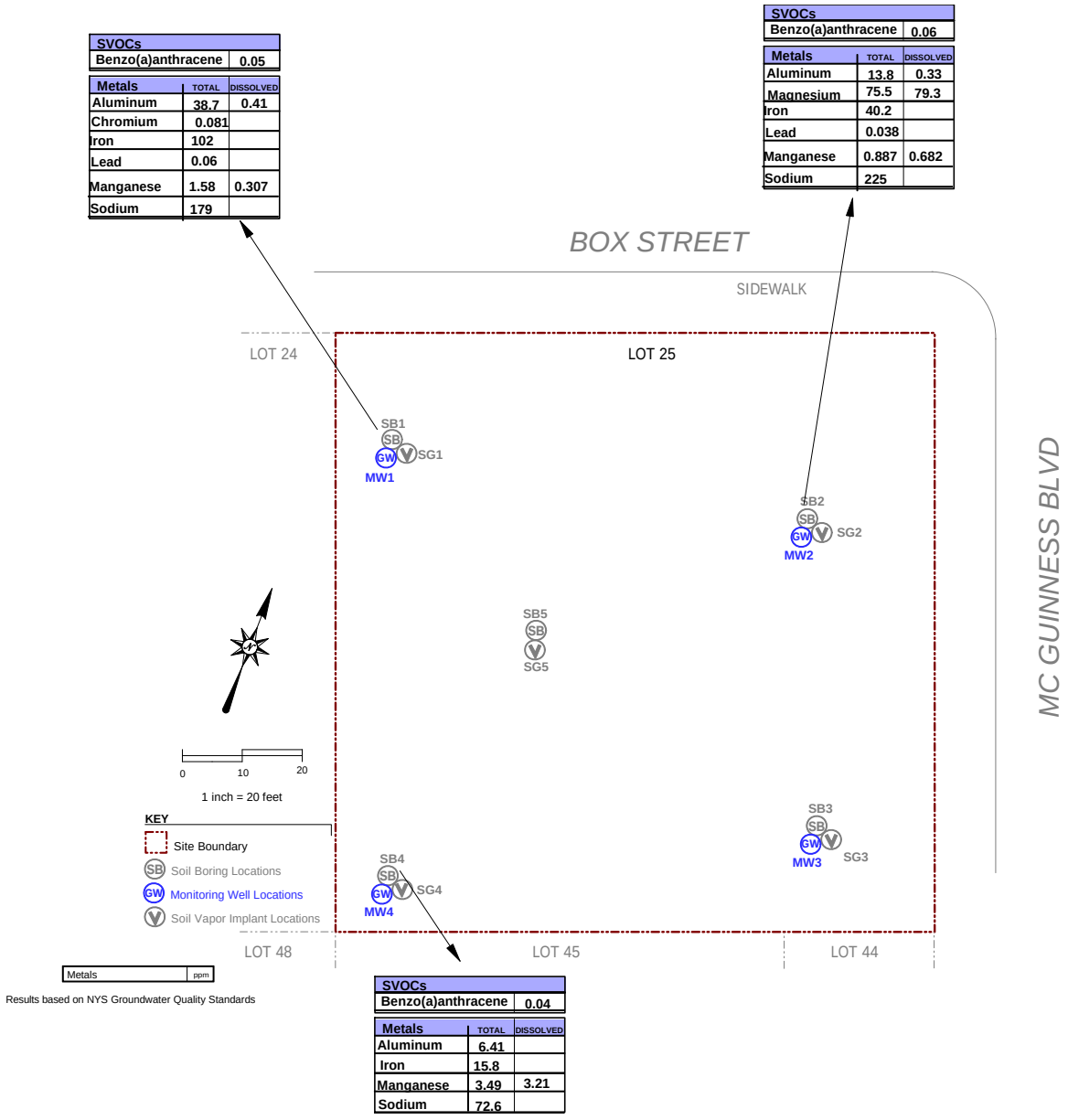

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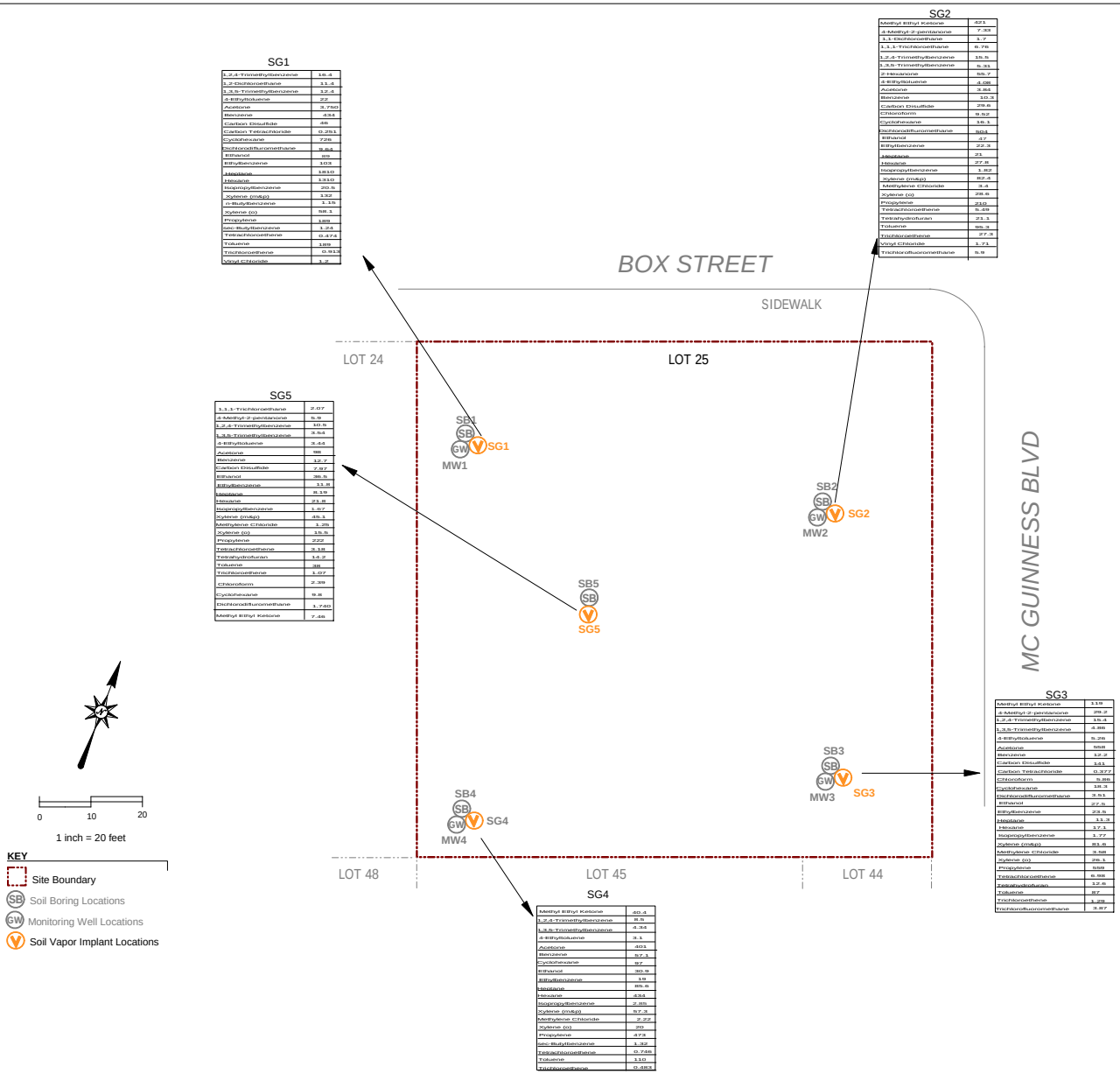
FIGURE 7 GROUND WATER EXCEEDANCES



SG1

1,2,4-Trimethylbenzene	16.4
1,2-Dichloroethane	11.4
1,3,5-Trimethylbenzene	12.4
4-Ethyltoluene	22
Acetone	3,750
Benzene	434
Carbon Disulfide	48
Carbon Tetrachloride	0.251
Cyclohexane	726
Dichlorodifluoromethane	9.84
Ethanol	89
Ethylbenzene	103
Heptane	1810
Hexane	1310
Isopropylbenzene	20.5
Xylene (m&p)	132
n-Butylbenzene	1.15
Xylene (o)	58.1
Propylene	189
sec-Butylbenzene	1.23
Tetrachloroethene	0.474
Toluene	189
Trichloroethene	0.913
Vinyl Chloride	1.2

SG2

Methyl Ethyl Ketone	421
4-Methyl-2-pentanone	7.33
1,1-Dichloroethane	1.7
1,1,1-Trichloroethane	6.76
1,2,4-Trimethylbenzene	15.5
1,3,5-Trimethylbenzene	5.31
2-Hexanone	55.7
4-Ethyltoluene	4.08
Acetone	3,84
Benzene	10.3
Carbon Disulfide	29.6
Chloroform	9.52
Cyclohexane	16.1
Dichlorodifluoromethane	924
Ethanol	47
Ethylbenzene	22.3
Heptane	21
Hexane	27.5
Isopropylbenzene	1.82
Xylene (m&p)	82.4
Methylene Chloride	3.4
Xylene (o)	28.6
Propylene	210
Tetrachloroethene	5.49
Tetrahydrofuran	21.1
Toluene	85.3
Trichloroethene	27.3
Vinyl Chloride	1.71
Trichlorofluoromethane	5.9

SG5

1,1,1-Trichloroethane	2.07
4-Methyl-2-pentanone	5.3
1,2,4-Trimethylbenzene	10.5
1,3,5-Trimethylbenzene	3.54
4-Ethyltoluene	3.44
Acetone	98
Benzene	12.7
Carbon Disulfide	7.97
Ethanol	36.5
Ethylbenzene	11.8
Heptane	8.39
Hexane	21.8
Isopropylbenzene	1.67
Xylene (m&p)	45.1
Methylene Chloride	1.26
Xylene (o)	15.5
Propylene	222
Tetrachloroethene	3.18
Tetrahydrofuran	14.2
Toluene	38
Trichloroethene	1.07
Chloroform	2.39
Cyclohexane	9.8
Dichlorodifluoromethane	1.740
Methyl Ethyl Ketone	7.48

SG3

Methyl Ethyl Ketone	119
4-Methyl-2-pentanone	29.2
1,2,4-Trimethylbenzene	16.4
1,3,5-Trimethylbenzene	4.86
4-Ethyltoluene	5.26
Acetone	558
Benzene	12.2
Carbon Disulfide	141
Carbon Tetrachloride	0.377
Chloroform	5.86
Cyclohexane	18.3
Dichlorodifluoromethane	3.91
Ethanol	27.5
Ethylbenzene	23.5
Heptane	13.3
Hexane	17.1
Isopropylbenzene	1.77
Xylene (m&p)	81.8
Methylene Chloride	3.58
Xylene (o)	28.1
Propylene	599
Tetrachloroethene	6.86
Tetrahydrofuran	17.6
Toluene	87
Trichloroethene	1.49
Trichlorofluoromethane	3.87

SG4

Methyl Ethyl Ketone	40.1
1,2,4-Trimethylbenzene	8.5
1,3,5-Trimethylbenzene	4.36
4-Ethyltoluene	3.1
Acetone	401
Benzene	57.1
Cyclohexane	97
Ethanol	30.9
Ethylbenzene	19
Heptane	85.8
Hexane	434
Isopropylbenzene	2.86
Xylene (m&p)	57.3
Methylene Chloride	2.22
Xylene (o)	20
Propylene	473
sec-Butylbenzene	1.32
Tetrachloroethene	0.746
Toluene	110
Trichloroethene	0.483

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FIGURE 8 GROUND WATER EXCEEDANCES

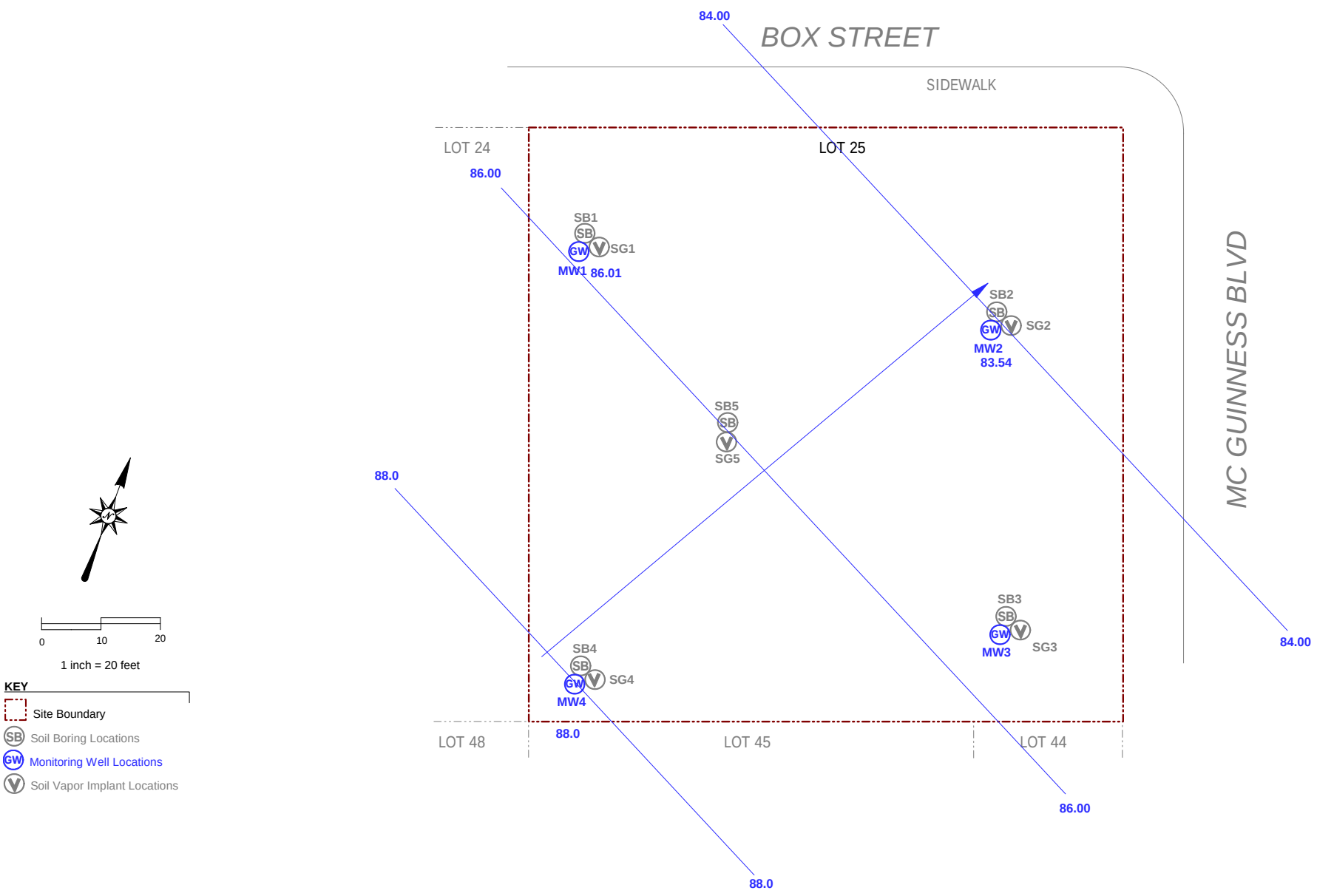

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FIGURE 9 GROUND WATER EXCEEDANCES

ATTACHMENT A
PHASE II REPORT

Phase 2 Limited Subsurface Investigation Report

Prepared for:

Waterbridge Capital
590 Madison Avenue
New York, NY 10022

72 Box Street
72 Box Street
Brooklyn, New York

EBI Project No. 12120196

July 31, 2012

EBI CONSULTING
Creating Value for Your Business

EBI CONSULTING
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21 B Street
Burlington, MA 01803
Tel: (781) 273.2500
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July 31, 2012

Mr. David Kessler
Waterbridge Capital
590 Madison Avenue
New York, NY 10022

Subject: Limited Subsurface Investigation Report
72 Box Street
72 Box Street, Brooklyn, New York
EBI Project No. 12120196

Dear Mr. Kessler:

In accordance with the Proposal and Standard Conditions for Engagement approved by yourself on July 12, 2012, EBI Consulting (dba EBI Consulting, hereinafter "EBI") is pleased to submit this Limited Subsurface Investigation Report (Report) for the above-referenced property (herein referred to as the Subject Property).

This *Report* is addressed to *Waterbridge Capital* and such other persons as may be designated by *Waterbridge Capital* and respective successors and assigns. This Report is for the use and benefit of, and may be relied upon by, *Waterbridge Capital* or any affiliates; initial and subsequent holders from time to time of any debt and/or debt securities secured, directly or indirectly, any participation interest in such debt; any indenture trustee, servicer, or other agent acting on behalf of such holders of such debt and/or debt securities; rating agencies; and the institutional provider(s) from time to time of any liquidity facility or credit support for such financings, and their respective successors and assigns.

The information contained in this report has received appropriate technical review and approval. The conclusions represent professional judgments and are founded upon the findings of the investigations identified in the report and the interpretation of such data based on our experience and expertise according to the existing standard of care. No other warranty or limitation exists, either express or implied.

The conclusions of this Report are based on soil/groundwater analytical data prepared by Accutest Laboratories, soil screening results obtained utilizing a field screening instrument, and field observations recorded by EBI personnel.

There are no intended or unintended third party beneficiaries to this Report, except as expressly stated herein.

EBI is an independent contractor, not an employee of either the issuer or the borrower, and its compensation was not based on the findings or recommendations made in the Report or on the closing of any business transaction.

Thank you for the opportunity to prepare this Report, and assist you with this project. Please call us if you have any questions or if we may be of further assistance.

Respectfully submitted,
EBI CONSULTING

Sean Dunn
Author/Senior Scientist

Brian Kilcoyne
Reviewer/Senior Scientist
(781) 418-2349

Josh Simon
Senior Account Executive

TABLE OF CONTENTS

1.0 INTRODUCTION

In accordance with our Proposal and Standard Conditions for Engagement, EBI Consulting (EBI) is pleased to submit our *Limited Subsurface Investigation Report (Report)* on the property located at 72 Box Street in Brooklyn, New York (the Subject Property). Mr. Sean Dunn of EBI Consulting conducted the investigation at the Subject Property on July 24, 2012.

Background

EBI was requested to conduct a limited subsurface investigation to evaluate the potential impact to the Subject Property from two former on-site gasoline underground storage tanks (USTs) and a former on-site truck repair facility. EBI reviewed an Environmental Site Assessment (ESA) completed by IVI Assessment Services Inc. and dated November 11, 2011. The following item of environmental concern was noted in the ESA:

- Based on review of historical Sanborn maps and NYC Building Department records, the Subject was historically improved with a gasoline storage facility as of 1923. In addition, a gasoline tank was previously identified on the east central portion of the Subject from at least 1942 up until sometime during or prior to 1951, which was associated with the Subject's historical on-site truck repair facility. Another tank was identified on the northwestern portion of the Subject from at least 1965 up until sometime during or prior to 1978. We have no knowledge as to the regulatory and physical status of these two USTs as well as any additional USTs which may exist on-site that were associated with the historical gasoline storage facility. IVI recommends that the disposition of these two tanks be determined and that a subsurface investigation in the vicinity of the tanks' graves be conducted to determine if they have impacted the Subject. Furthermore, IVI recommends conducting a subsurface investigation at remaining portions of the Subject to determine if any additional USTs exist and if they have had a negative environmental impact on the Subject.

2.0 PURPOSE AND SCOPE OF WORK

This Limited Subsurface Investigations was conducted utilizing a standard of good commercial and customary practice that was consistent with the ASTM Practice E 1903-11. Any significant scope-of-work additions, deletions or deviations to ASTM Practice E 1903-11 are noted below or in the corresponding sections of this report.

The primary purpose of this investigation was to evaluate the potential impact to the Subject Property from two former on-site gasoline underground storage tanks (USTs) and a former on-site truck repair facility. The investigation focused on: 1) a gasoline tank identified on the east central portion of the property from at least 1942 up until sometime during or prior to 1951; 2) a second gasoline tank identified on the northwestern portion of the property from at least 1965 up until sometime during or prior to 1978 and 3) historical on-site truck repair facility.

In order to achieve the objectives of this investigation, EBI performed the following tasks:

- Retained an independent, qualified geophysical survey company to conduct a geophysical survey at the Subject Property.

- Advanced six (6) borings by direct-push (Geoprobe) to depths of fifteen (15) to twenty (20) feet below ground surface (bgs).

- Collected soil samples every four (4) feet, field screened the vapor headspace of the soil samples for total ionizable volatile organic compounds (VOCs) using a photoionization detector (PID), and described the physical characteristics of the soil samples on boring logs. See Section 4.3 for additional details.

- Selected six (6) soil samples per boring, prepared, and submitted the samples under chain-of-custody documentation to a New York State certified independent laboratory for analysis of for volatile organic compounds (VOCs) analysis via EPA Method 8260, polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270, and RCRA 8 metals via EPA Method EPA 6010. See Section 4.4 for additional details.

- Collected groundwater samples from each new well using a peristaltic pump equipped with disposable polyethylene tubing. Prepared and submitted the samples to a New York certified independent laboratory for analysis of volatile organic compounds (VOCs) via EPA Method 8260, polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270, and RCRA 8 metals via EPA Method EPA 6010. See Section 4.7 for additional details.

- Prepared this summary of pertinent information obtained during this investigation including accompanying illustrations and appendices, along with EBI's findings and preliminary conclusions regarding the presence or absence of contamination in soils and groundwater beneath the Subject Property in the areas investigated.

A detailed description of investigation methods is provided in Section 4.0 of this report.

3.0 SUBJECT PROPERTY DESCRIPTION/PHYSICAL SETTING

3.1 SUBJECT PROPERTY DESCRIPTION

The Subject Property is known as the 72 Box Street in Brooklyn, New York. The Subject Property is located in the southwest quadrant of the intersection of Box Street and McGuiness Boulevard. The property is improved with an asphalt parking lot and includes a small shed structure, located on the northwestern portion of the property.

According to the New York City Department of Finance, the Subject Property is owned by 72 Box Street Realty Corp.

Figure 1 is a Subject Property Locus Map showing the location of the Subject Property on a street map of Brooklyn, New York. Figure 2 is a Subject Property Location map showing the location of the Subject Property on a section of the United States Geological Survey Brooklyn, New York topographic quadrangle.

3.2 PHYSICAL SETTING

Regional Geology/Bedrock

No bedrock outcroppings were observed at the Subject Property. Information concerning the geology of the Subject Property was obtained from the USGS Map of the Physical Divisions of the United States (1946). The Subject Property is located within the Seaboard Lowland section of the New England physiographic province. The New England physiographic province consists of low rolling hills and consists of a sequence of inter-bedded sedimentary and igneous rocks, which are extensively faulted. The Seaboard Lowland section consists of peneplains less than 500 feet above sea level, which have been post-maturely eroded and glaciated.

Surficial

According to the Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) website (http://websoilsurvey.nrcs.usda.gov/app/), the dominant soil composition in the vicinity of the Project Site is classified as Urban Land (Ur). Urban Land consists of areas where 75 percent or more of the land is covered with impervious surfaces, such as buildings, pavement, industrial parks, and railroad yards. These areas are mapped throughout the survey area, typically in central business districts and along major roads and highways. They are in almost every landscape position. Areas are irregular in shape and have angular boundaries. They range from 6 to 1,000 acres. Most of this map unit is covered with impervious surfaces; consequently, nearly all rainfall runs off. A storm drainage system is needed to control this excessive runoff. Included with this unit in mapping are areas of Udorthents, loamy, and Udorthents, wet substratum. These inclusions commonly vary with the underlying soil material of the adjoining Urban land. Some units have areas of rock outcrops. Included areas make up about 15 percent of the map unit. It was impractical to identify in all areas the underlying soil because of the extent of impervious surfaces. Onsite investigation is needed to determine the suitability for specific land uses.

Surface drainage on the Subject Property occurs over land to the surrounding streets primarily to the north. No prior soil studies or borings were presented to EBI for review. No indication of cross-lot runoff, swales, drainage flows, or active rills or gullies were observed on the Subject Property.

Soil stratigraphy encountered during the completion of soil borings consisted of approximately five (5) feet of sandy urban fill, underlain by ten (10) feet of wet medium to fine sand and silt, underlain by five (5) feet of medium to fine sand. Bedrock was not encountered in any of the borings.

Hydrogeology

Shallow groundwater was encountered in five soil borings advanced at the Subject Property.

Local groundwater gradient is expected to follow surface topography; therefore, groundwater flow near the Subject Property is expected to flow to the northwest. Groundwater depths and flow gradients are best evaluated by a subsurface investigation involving the installation of at least three groundwater-monitoring wells, survey of well elevations, and precise measurements of hydraulic head. Calculation of groundwater flow directions based on relative differences of hydraulic head on the Subject Property was not included in this scope of work.

4.0 FIELD ACTIVITIES

4.1 GROUND PENETRATING RADAR SURVEY

EBI contracted Enviroprobe Service Incorporated of Moorestown, NJ to conduct a ground penetrating radar (GPR) survey of the accessible exterior areas of the Subject Property in an attempt to confirm the presence or absence of potential remaining USTs. The GPR survey was conducted at the Subject Property on July 20, 2012. GPR equipment was used in an attempt to locate potential USTs as well as to define the presence, size, and depth of any potential USTs and/or former UST locations. GPR is a geophysical technique, which uses electromagnetic waves for shallow subsurface reconnaissance and exploration. An electromagnetic impulse in the form of ultra high-frequency radio waves is emitted into the ground by the transmitting antenna, and the resulting reflection of transfer of waves from contamination plumes, boundary layers, or buried objects is detected by a receiving antenna. The presence of buried objects or significant changes in conductivity of the layers will cause the electromagnetic wave to be reflected. These images provide direct information concerning subsurface conditions.

The results of the GPR survey did not identify anomalies indicative of USTs located beneath the surveyed areas of the Subject Property. A copy of the GPR report is presented in Appendix E.

4.2 RATIONALE FOR SOIL BORING PLACEMENT

On July 24, 2012, EBI conducted a limited subsurface investigation to assess subsurface conditions at the Subject Property. The areas investigated and the associated boring numbers are described below:

- Boring EB-01, southeastern portion of the Subject Property
- Boring EB-02, east central portion of the Subject Property, former UST area
- Boring EB-03, northeastern portion of the Subject Property
- Boring EB-04, central portion of the Subject Property, former truck repair facility
- Boring EB-05, north central portion of the Subject Property, former truck repair facility
- Boring EB-06, northwestern portion of the Subject Property, former UST area

4.3 PRE-DRILLING ACTIVITIES

PAL Environmental Services requested Dig Safely New York to mark-out the location of Subject Property utilities on July19, 2012. Clearance for drilling at the Subject Property was granted for after 9 am on July 24, 2012. No additional pre-drilling activities were performed as part of this investigation.

4.4 ADVANCEMENT OF SOIL BORINGS

A total of six (6) borings were advanced at the Subject Property. All of the soil borings were advanced using a Geoprobe direct-push sampling rig operated by PAL Environmental Services of Long Island City, NY. Five-foot soil samples were collected continuously during the advancement of the borings. EBI recorded soil sampling information and the physical characteristics of each soil sample onto boring logs presented in Appendix C.

TABLE 4.4
SUMMARY OF SOIL BORING DETAILS

Soil Boring #	Sample IDs	Analytical Analysis	Refusal (reason)	Depth To GW
EB-01	EB-01, MW-01	VOC, PAH, metals	NA	10′
EB-02	EB-02, MW-02	VOC, PAH, metals	NA	10′
EB-03	EB-03, MW-03	VOC, PAH, metals	NA	12′
EB-04	EB-04	VOC, PAH, metals	Equipment	NA
EB-05	EB-05, MW-05	VOC, PAH, metals	NA	12′
EB-06	EB-06, MW-06	VOC, PAH, metals	NA	12′
Notes: VOCs -Volatile organic compounds (VOCs) via EPA Method 8260 PAH - Polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270. Metals - RCRA 8 metals via EPA Method EPA 6010				

4.5 FIELD SCREENING

The vapor headspace of each soil sample was field-screened using a photoionization detector (PID). The PID provides a reading of total ionizable VOCs. The PID was calibrated with an isobutylene standard, to measure total VOCs as benzene equivalents. The PID has a practical sensitivity of approximately one part per million by volume (ppmV). PID readings should not be considered as exact measurements, but as relative readings of VOCs between locations. The soil samples were placed in a ziplock bag approximately three-quarters full with the soil to be analyzed, which was sealed for approximately 10 minutes in a warm (>60˚ F) location for equilibration. The headspace analysis was conducted by inserting the probe of the PID through an opening in the zip-lock bag and into the space above the soil sample.

No visual or olfactory evidence of contamination or elevated PID readings above background was observed in any of the soil samples collected. The PID results are noted in the Boring Logs provided in Appendix C.

4.6 SOIL SAMPLING AND ANALYSIS

Selected soil samples were collected in laboratory-provided sample containers. Each sample was labeled/logged onto a chain-of-custody form, and placed in a cooler with ice for preservation in accordance with current Federal EPA SW-846 (3rd ed.). The samples were submitted to an independent qualified laboratory (Accutest Laboratories) for analyses. The samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260, polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270, and RCRA 8 metals via EPA Method EPA 6010. Samples submitted for VOC analysis were also preserved with sodium bisulfate or methanol.

4.7 MONITORING WELL INSTALLATION

Temporary groundwater monitoring well were installed at each boring. Groundwater was encountered beginning at approximately ten (10) and twelve (12) feet bgs in borings EB-01, EB-02, EB-03, EB-05 and EB-06. Groundwater was not encountered prior to refusal in boring EB-04. Well construction details are summarized on the following Table:

TABLE 4.7
SUMMARY OF WELL CONSTRUCTION DETAILS

WELL ID #	DEPTH TO WATER (FEET)	WELL DEPTH (FEET)	WELL DIAMETER (INCHES)	SCREENED INTERVAL (FT BGS)
MW-01	13.65	20	1	10-20
MW-02	17.25	20	1	10-20
MW-03	16.20	20	1	10-20
MW-04	NA	15	1	5-15
MW-05	10.50	20	1	10-20
MW-06	9.10	20	1	10-20

Note: bgs = below ground surface

4.8 GROUNDWATER SAMPLING AND ANALYSIS

Groundwater samples were collected from new monitoring wells using a peristaltic pump equipped with disposable polyethylene tubing.

The groundwater samples were collected in clean laboratory-provided containers. The samples were labeled/logged onto a chain-of-custody form, and placed in a cooler with ice for preservation in accordance with current Federal EPA SW-846 (3rd ed.). The samples were submitted to an independent qualified laboratory (Accutest Laboratories) for analyses. The samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260, polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270, and RCRA 8 metals via EPA Method EPA 6010. Samples collected for VOC analysis were preserved with hydrochloric acid to a pH less than 2. Samples collected for soluble metals analysis were field filtered using a 0.45-micron filter and preserved with nitric acid.

4.9 ABANDONMENT OF BORINGS

Upon completion of the soil sampling activities, each soil boring was filled with the soil cuttings generated during the sampling activities. The remaining void in each borehole was filled with bentonite chips. The top two to four inches were backfilled with asphalt and compacted.

5.0 RESULTS

Boring locations and sampling locations are illustrated on Figure 3, Boring Location Map.

5.1 SOIL ANALYSIS RESULTS

The soil samples were analyzed for selected parameters including volatile organic compounds (VOCs) via EPA Method 8260, polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270, and RCRA 8 metals via EPA Method EPA 6010. Contaminants identified above the laboratory method detection limits are summarized in Table 1. A copy of Table 1 is provided in Appendix B.

Analytical results indicate that a number of VOCs were detected at or above laboratory detection limits in soil samples collected from the Subject Property. However, no VOCs were detected at a concentration greater than the most stringent Unrestricted Use New York Soil Cleanup Objectives (NY SCO) standards.

Analytical results indicate that a number of PAHs were detected at or above laboratory detection limits in soil samples collected from the Subject Property, and that six of the PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene) were detected at a concentration greater than the most stringent Unrestricted Use NY SCO standards. Of the six PAHs detected above Unrestricted Use NY SCO standards, one PAH (benzo(a)pyrene) was also detected above the Commercial NY SCO standard.

Analytical results indicate that a number of metals were detected at or above laboratory detection limits in soil samples collected from the Subject Property, and that two of the metals (lead and mercury) were detected at a concentration greater than the most stringent Unrestricted Use NY SCO standards. However, no metals were detected at a concentration above the Commercial NY SCO standard.

Laboratory soil analytical results and complete laboratory data sheets and chain-of-custody documentation are presented in Appendix D.

5.2 GROUNDWATER ANALYSIS RESULTS

The groundwater samples were analyzed for VOCs via EPA Method 8260, PAHs via EPA Method 8270, and RCRA 8 metals via EPA Method EPA 6010. Contaminants identified above the laboratory method detection limits are summarized in Table 2. A copy of Table 2 is provided in Appendix B.

Analytical results indicate that a number of VOCs were detected at or above laboratory detection limits in groundwater samples collected from the Subject Property, and that four VOCs (ethylbenzene, naphthalene, o-xylene, and total xylene) were detected in groundwater from one well (MW-01) at a concentration greater that the most stringent New York Technical and Operational Guidance Series (NY TOGS) Class GA GW Standards and/or New York Technical Administrative Guidance Memorandum (NY TAGM) Groundwater Standards/Criteria.

Analytical results indicate that a number of PAHs were detected at or above laboratory detection limits in groundwater samples collected from the Subject Property, and that six PAHs (benzo(a)anthracene,

benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene) were detected at a concentration greater that the most stringent NY TAGM Groundwater Standards/Criteria in the groundwater sample from well MW-02.

Analytical results indicate that a number of metals were detected at or above laboratory detection limits in groundwater samples collected from the Subject Property, and that one metal (lead) was detected at a concentration greater that the most stringent NY TOGS Class GA GW Standard in one sample (collected from well MW-01).

Laboratory groundwater analytical results and complete laboratory data sheets and chain-of-custody documentation are presented in Appendix D.

6.0 FINDINGS & CONCLUSIONS

The results of EBI's Limited Subsurface Investigation indicated the following:

- Several PAHs and metals were detected in soil collected from one boring at concentrations greater than NYSDEC Unrestricted Use Soil Cleanup Objectives. No significant concentrations of VOCs were detected in soil. With the exception of the PAH benzo(a)pyrene, the concentrations of the compounds detected were less than Commercial SCOs. The compounds detected are commonly associated with urban fill materials.

- Several petroleum-related VOCs, PAHs and Lead were detected in groundwater from temporary well MW-01 located on the southeast and apparent upgradient side of the property at concentrations greater than NY TAGM criteria. PAHs were also detected at concentrations greater than TAGM criteria in a sample from well MW-02 on the east side of the property. No significant VOC, PAH or lead concentrations were detected in samples collected from other more downgradient locations on-site.

    - The VOCs detected were located upgradient from the suspect previous UST locations on the property, and based on the presumed northwesterly groundwater flow direction, may be derived from an off-site source. In addition, although VOC concentrations were slightly above TAGM criteria, the groundwater at the property and in the area of the property is not used as a drinking water resource.

    - The PAHs and lead detected in groundwater are considered likely to be associated with the urban fill materials observed on site and derived from suspended sediment in the groundwater samples collected from temporary wells.

7.0 RECOMMENDATIONS

Based on the findings and conclusions of this limited subsurface investigation, EBI has no recommendations for further investigations at this time. However, EBI recommends that in the event any future excavation/construction activities are proposed at the property, any soils and groundwater to be disturbed should be further characterized and managed in accordance with applicable local, state and federal requirements.

8.0 LIMITATIONS

This *Report* was prepared for the use of *Waterbridge Capital.* It was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same locale under like circumstances. The conclusions provided by EBI are based solely on the information obtained during the subsurface investigation. EBI renders no opinion as to the presence of potential contamination in the areas not investigated. The observations in this *Report* are valid on the date of the investigation. Any additional information that becomes available concerning the Subject Property should be provided to EBI so that our conclusions may be revised and modified, if necessary. This *Report* has been prepared in accordance with the proposal approved by *Waterbridge Capital* and with the limitations described in *Attachment A*, all of which are integral parts of this *Report.* No other warranty, expressed or implied, is made.

ATTACHMENT A
LIMITATIONS

1. The observations described in this *Report* were made under the conditions stated herein. The conclusions presented are based solely upon the services described, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in this *Report* was carried out in accordance with terms and conditions in our *Authorization Letter* and *Agreement for Environmental Services* regarding the Site, which are incorporated herein by references.

2. In preparing this *Report*, EBI has relied on certain information provided by state and other referenced parties, and on information contained in the files of federal, state and/or local agencies available to EBI at the time of the assessment. Although there may have been some degree of overlap in the information provided by these various sources, EBI did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of these *Environmental Services*.

3. Observations were made of the Site and of structures on the Site as indicated within the *Report*. Where access to portions of the Site or to structures on the Site was unavailable or limited, EBI renders no opinion as to the presence of oil or hazardous materials (OHM) in that portion of the Site or structure. In addition, EBI renders no opinion as to the presence of OHM or the presence of indirect evidence relating to OHM where direct observation of the interior walls, floor, or ceiling of a structure on a Site was obstructed by objects or coverings on or over these surfaces. No representations concerning insulating material is expressed or implied.

4. EBI did not perform testing or analyses to determine the presence or concentration of asbestos, radon, or lead at the Site unless specifically stated otherwise in the *Report*. Similarly, no investigation of dust or air quality was conducted unless specifically stated otherwise in the *Report*.

5. The purpose of this *Report* is to assess the physical characteristics of the Site with respect to the presence of OHM in the environment. No specific attempt was made to determine the compliance of present or past owners or operators of the Site with federal, state, or local laws or regulations (environmental or otherwise).

6. Except as noted in the *Report*, no quantitative laboratory testing was performed as part of the assessment. Where such analyses have been conducted by an outside laboratory, EBI has relied upon the data provided, and has not conducted an independent evaluation of the reliability of this data.

7. Any qualitative or quantitative information regarding the Site, which was not available to EBI at the time of this assessment may result in a modification of the representations made herein.

8. It is acknowledged that EBI judgments shall not be based on scientific or technical test or procedures beyond the scope of the Services or beyond the time and budgetary constraints imposed by Client. It is acknowledged further that EBI conclusions shall not rest on pure science but on such considerations as economic feasibility and available alternatives. Client also acknowledges that, because geologic and soil formations are inherently random, variable, and indeterminate in nature, the Services and opinions provided under this Agreement with respect to such Services, are not guaranteed to be a representation of actual conditions on the Site, which are also subject to change with time as a result of natural or man-made processes, including water permeation. In performing the Services, EBI shall use that degree of care and skill ordinarily exercised by environmental consultants or engineers performing similar services in the same or similar locality. The standard of care shall be determined solely at the time the Services are rendered and not according to standards utilized at a later date. The Services shall be rendered without any other warranty, expressed or implied, including, without limitation, the warranty of merchant ability and the warranty of fitness for a particular purpose.

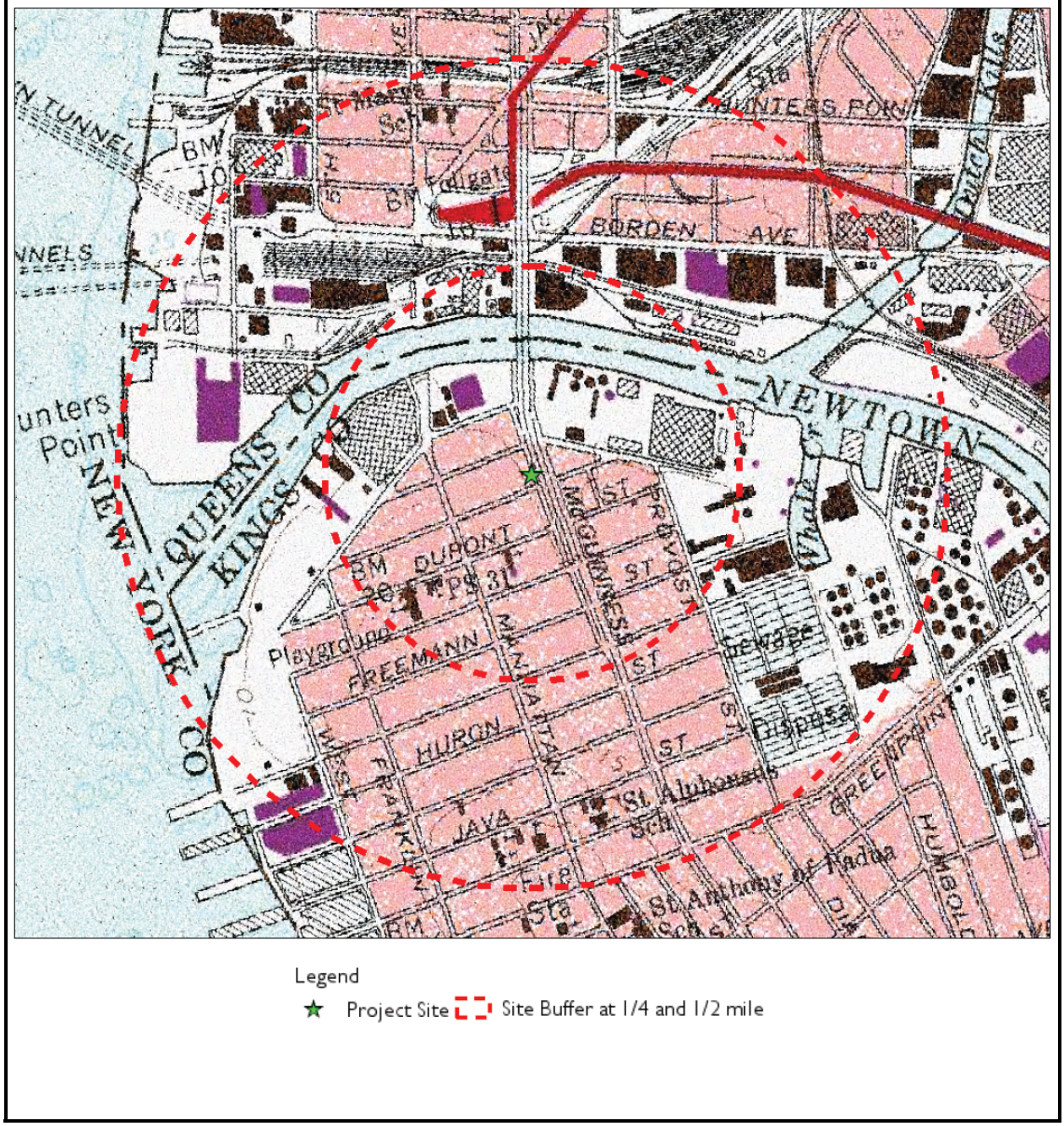
9. Client and EBI agree that to the fullest extent permitted by law, EBI shall not be liable to Client for any special, indirect or consequential damages whatsoever, whether caused by EBI's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause of causes whatsoever.

APPENDIX A
FIGURES

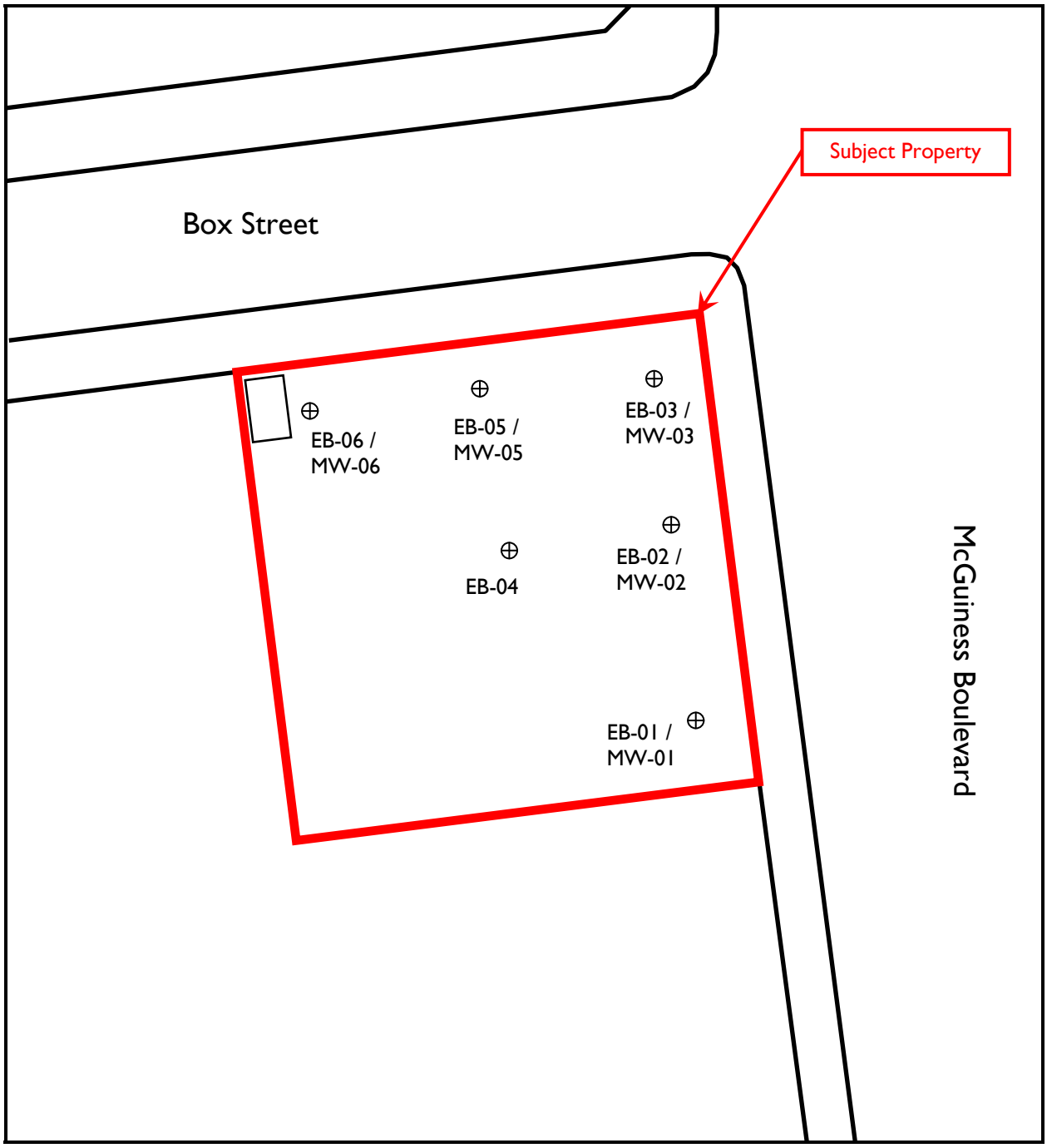
Legend

★ Project Site Site Buffer at 1/4 and 1/2 mile

Site Location Map



Topographic Map



Boring Location Map

APPENDIX B
TABLES

Table 1
Soil Analytical Results
72 Box Street, Brooklyn, NY

Client Sample ID:		NY SCO – Unrestricted	NY SCO – Residential	NY SCO – Commercial	NY SCO – Industrial	EB-01	EB-02	EB-03	EB-04	EB-05	EB-06
Sample Depth:						8-10	8-10	12-15	5-7	10-12	7-10
Date Sampled:						7/24/2012	7/24/2012	7/24/2012	7/24/2012	7/24/2012	7/24/2012
Matrix:						Soil	Soil	Soil	Soil	Soil	Soil
GC/MS Volatiles (SW846 8260B)											
Acetone	ug/kg	50	100000	500000	1000000	22.7	9.8	11.2	11.9	17.9	16.1
Benzene	ug/kg	60	2900	44000	89000	ND (0.38)	ND (0.37)	ND (0.32)	ND (0.41)	ND (0.36)	1.2
Carbon disulfide	ug/kg	-	100000			5.6	6.9	ND (3.2)	ND (4.1)	ND (3.6)	ND (3.7)
Methylene chloride	ug/kg	50	51000	500000	1000000	2.4	ND (1.5)	ND (1.3)	ND (1.6)	ND (1.4)	ND (1.5)
GC/MS Semi-volatiles (SW846 8270C BY SIM)											
Acenaphthene	ug/kg	20000	100000	500000	1000000	345	34.2	ND (28)	ND (32)	ND (32)	ND (34)
Acenaphthylene	ug/kg	100000	100000	500000	1000000	ND (180)	ND (30)	ND (28)	ND (32)	ND (32)	ND (34)
Anthracene	ug/kg	100000	100000	500000	1000000	911	ND (30)	ND (28)	ND (32)	ND (32)	ND (34)
Benzo(a)anthracene	ug/kg	1000	1000	5600	11000	**2090**	41.6	ND (28)	ND (32)	ND (32)	ND (34)
Benzo(a)pyrene	ug/kg	1000	1000	1000	1100	**2150**	35.3	90.3	ND (32)	ND (32)	361
Benzo(b)fluoranthene	ug/kg	1000	1000	5600	11000	**2740**	47.7	ND (28)	37.3	ND (32)	ND (34)
Benzo(g,h,i)perylene	ug/kg	100000	100000	500000	1000000	1180	ND (30)	ND (28)	ND (32)	ND (32)	ND (34)
Benzo(k)fluoranthene	ug/kg	800	1000	56000	110000	**1080**	ND (30)	ND (28)	ND (32)	ND (32)	ND (34)
Chrysene	ug/kg	1000	1000	56000	110000	**1920**	ND (30)	ND (28)	ND (32)	ND (32)	ND (34)
Dibenzo(a,h)anthracene	ug/kg	330	330	560	1100	317	ND (30)	ND (28)	ND (32)	ND (32)	ND (34)
Fluoranthene	ug/kg	100000	100000	500000	1000000	4260	64	ND (28)	40.5	ND (32)	ND (34)
Fluorene	ug/kg	30000	100000	500000	1000000	423	ND (30)	ND (28)	ND (32)	ND (32)	ND (34)
Indeno(1,2,3-cd)pyrene	ug/kg	500	500	5600	11000	**1050**	ND (30)	ND (28)	ND (32)	ND (32)	ND (34)
2-Methylnaphthalene	ug/kg	-	410			ND (180)	ND (30)	ND (28)	ND (32)	ND (32)	ND (34)
Naphthalene	ug/kg	12000	100000	500000	1000000	332	ND (30)	ND (28)	35.2	ND (32)	ND (34)
Phenanthrene	ug/kg	100000	100000	500000	1000000	4290	42.4	ND (28)	ND (32)	ND (32)	ND (34)
Pyrene	ug/kg	100000	100000	500000	1000000	3630	62.3	ND (28)	35.4	ND (32)	ND (34)
Metals Analysis											
Arsenic	mg/kg	13	16	16	16	5.6	3.7	5.3	3.2	3.1	2.9
Barium	mg/kg	350	350	400	10000	141	34.1	20.3	55.6	31.3	51.5
Cadmium	mg/kg	2.5	2.5	9.3	60	0.92	<0.40	<0.37	<0.43	<0.41	<0.45
Chromium	mg/kg	-	-	-	-	18.9	14.9	20.3	14.4	18	14.7
Lead	mg/kg	63	400	1000	3900	**295**	13.6	10	36	5.9	20.5
Mercury	mg/kg	0.18	0.81	2.8	5.7	**1.3**	0.056	<0.034	0.15	0.053	0.072
Selenium	mg/kg	3.9	36	1500	6800	<1.2	<1.0	<0.93	<1.1	<1.0	<1.1
Silver	mg/kg	2	36	1500	6800	<0.60	<0.50	<0.46	<0.54	<0.51	<0.57

Table 2
Groundwater Analytical Results
72 Box Street, Brooklyn, NY

Client Sample ID:		NY TOGS Class GA Groundwater Standards	NY TAGM Groundwater Standards/Criteria	MW-01	MW-02	MW-03	MW-05	MW-06
Date Sampled:				7/24/2012	7/24/2012	7/24/2012	7/24/2012	7/24/2012
Matrix:				Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
GC/MS Volatiles (SW846 8260B)								
Acetone	ug/l	-	50	23.5	ND (5.0)	5.4	ND (5.0)	ND (5.0)
cis-1,2-Dichloroethene	ug/l	5	-	ND (1.0)	ND (1.0)	ND (1.0)	1.3	ND (1.0)
Ethylbenzene	ug/l	5	5	**5.7**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Naphthalene	ug/l	-	10	**10.3**	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Tetrachloroethene	ug/l	5	5	ND (1.0)	ND (1.0)	ND (1.0)	2	ND (1.0)
Toluene	ug/l	5	5	3.3	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Trichloroethene	ug/l	5	5	ND (1.0)	ND (1.0)	ND (1.0)	1.4	ND (1.0)
m,p-Xylene	ug/l	-	-	18.8	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
o-Xylene	ug/l	5	-	**7.3**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Xylene (total)	ug/l	5	5	**26.1**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
GC/MS Semi-volatiles (SW846 8270C BY SIM)								
Acenaphthene	ug/l	-	20	ND (0.11)	0.57	ND (0.10)	ND (0.10)	ND (0.10)
Acenaphthylene	ug/l	-	20	ND (0.11)	0.18	ND (0.10)	ND (0.10)	ND (0.10)
Anthracene	ug/l	-	50	ND (0.11)	0.75	ND (0.10)	ND (0.10)	ND (0.10)
Benzo(a)anthracene	ug/l	-	0.002	**0.16**	**2.1**	ND (0.050)	ND (0.050)	ND (0.050)
Benzo(a)pyrene	ug/l	-	0.002	ND (0.11)	**1.8**	ND (0.10)	ND (0.10)	ND (0.10)
Benzo(b)fluoranthene	ug/l	-	0.002	ND (0.053)	**2.4**	ND (0.050)	ND (0.050)	ND (0.050)
Benzo(g,h,i)perylene	ug/l	-	5	ND (0.11)	1.1	ND (0.10)	ND (0.10)	ND (0.10)
Benzo(k)fluoranthene	ug/l	-	0.002	ND (0.11)	**0.93**	ND (0.10)	ND (0.10)	ND (0.10)
Chrysene	ug/l	-	0.002	ND (0.11)	**1.9**	ND (0.10)	ND (0.10)	ND (0.10)
Dibenzo(a,h)anthracene	ug/l	-	50	ND (0.11)	0.31	ND (0.10)	ND (0.10)	ND (0.10)
Fluoranthene	ug/l	-	50	ND (0.11)	3.9	ND (0.10)	ND (0.10)	ND (0.10)
Fluorene	ug/l	-	50	ND (0.11)	0.49	ND (0.10)	ND (0.10)	ND (0.10)
Indeno(1,2,3-cd)pyrene	ug/l	-	0.002	ND (0.11)	**0.91**	ND (0.10)	ND (0.10)	ND (0.10)
2-Methylnaphthalene	ug/l	-	50	ND (0.21)	0.27	ND (0.20)	ND (0.20)	ND (0.20)
Naphthalene	ug/l	-	10	ND (0.11)	0.73	ND (0.10)	ND (0.10)	ND (0.10)
Phenanthrene	ug/l	-	50	0.21	3.5	0.076	ND (0.050)	ND (0.050)
Pyrene	ug/l	-	50	ND (0.11)	3.7	ND (0.10)	ND (0.10)	ND (0.10)
Metals Analysis								
Barium	ug/l	1000	-	417	72	232	89.7	71.7
Chromium	ug/l	50	-	44.4	<10	<10	<10	<10
Lead	ug/l	25	-	**62**	<5.0	<5.0	<5.0	<5.0

APPENDIX C
SOIL BORING LOGS

EBI CONSULTING

		Boring ID No.: EB-01 Well ID No.: MW-01 Sheet 1 of 1
Boring Location: EB-01/MW-01	EBI Project Manager: Sean Dunn	Project Number: 12120196
Ground Elevation:	Dated Started: 07/24/2012	Dated Completed: 07/24/2012
Depth to First Water: 10	Drill Type: Direct-Push	Borehole Dia: 2"
Depth to Static Water:	Drilling contractor: PAL Environmental Services	
Stabilization Time:	Drilling Company: PAL Environmental Services	
Sampler	Notes:	Driller's Name:
Type: Macro-Core		Boring logged by: Sean Dunn
Hammer:		Owner/Client Rep.:
Fall:		

Depth (feet)	Blow Counts	Recovery / Penetration (feet)	Sample I.D.	Sample Depth (feet bgs)	PID (ppm/v)	USCS Class.	Description of Sample	Well Construction	Depth (feet)
0									
1									
2									
3		3	S-1	0-5	0		Dark brown medium to coarse SAND, little gravel and brick debris, dry		
4									
5									
6									
7		3	S-2	5-10	0		Dark brown medium to fine SAND AND SILT, little gravel, dry		
8									
9									
10							Organic material (peat), dry		
11									
12							Light brown to gray, medium to fine SAND AND SILT, little gravel		
13		3	S-3	10-15	0		Water at 10 feet bgs		
14									
15									
16									
17							Light brown to orange medium to fine SAND, little gravel, dry		
18		4.5	S-4	15-20	0				
19									
20									
21									
22									
23									
24									
25									

Proportions Used

Trace	0 to 10%
Little	10 to 20%
Some	20 to 35%
And	35 to 50%
-·-·-	Change in Material Type
----	Change in Deposit Type

Penetration Resistance ("Blow Counts")

Cohesionless Density		Cohesive Consistency	
0-4	Very Loose	0-2	Very Soft
5-9	Loose	3-4	Soft
10-29	Med. Dense	5-8	M/Stiff
30-49	Dense	9-15	Stiff
50+	Very Dense	16-30	Very Soft
		31+	Hard

EBI CONSULTING

		Boring ID No.: EB-02 Well ID No.: MW-02 Sheet 1 of 1
Boring Location: EB-02/MW-02	EBI Project Manager: Sean Dunn	Project Number: 12120196
Ground Elevation:	Dated Started: 07/24/2012	Dated Completed: 07/24/2012
Depth to First Water: 10	Drill Type: Direct-Push	Borehole Dia: 2"
Depth to Static Water:	Drilling contractor: PAL Environmental Services	
Stabilization Time:	Drilling Company: PAL Environmental Services	
Sampler Type: Macro-Core Hammer: Fall:	Notes:	Driller's Name: Boring logged by: Sean Dunn Owner/Client Rep.:

Depth (feet)	Blow Counts	Recovery / Penetration (feet)	Sample I.D.	Sample Depth (feet bgs)	PID (ppm/v)	USCS Class.	Description of Sample	Well Construction	Depth (feet)
0									
1									
2									
3		1	S-1	0-5	0		Light brown medium to coarse SAND, little gravel, dry		
4									
5									
6									
7		3	S-2	5-10	0		Dark brown to gray medium to fine SAND AND SILT, little gravel		
8							Water at 10 feet bgs		
9									
10									
11									
12									
13		3	S-3	10-15	0				
14									
15									
16									
17							Light brown to orange medium to fine SAND, little gravel, dry		
18		5	S-4	15-20	0				
19									
20									
21									
22									
23									
24									
25									

Proportions Used

Trace	0 to 10%
Little	10 to 20%
Some	20 to 35%
And	35 to 50%
-·-·-	Change in Material Type
----	Change in Deposit Type

Penetration Resistance ("Blow Counts")

Cohesionless Density		Cohesive Consistency	
0-4	Very Loose	0-2	Very Soft
5-9	Loose	3-4	Soft
10-29	Med. Dense	5-8	M/Stiff
30-49	Dense	9-15	Stiff
50+	Very Dense	16-30	Very Soft
		31+	Hard

EBI CONSULTING

Boring ID No.: EB-03
Well ID No.: MW-03
Sheet 1 of 1

Boring Location: EB-03/MW-03	EBI Project Manager: Sean Dunn	Project Number: 12120196
Ground Elevation:	Dated Started: 07/24/2012	Dated Completed: 07/24/2012
Depth to First Water: 10	Drill Type: Direct-Push	Borehole Dia: 2"
Depth to Static Water:	Drilling contractor: PAL Environmental Services	
Stabilization Time:	Drilling Company: PAL Environmental Services	
Sampler	Notes:	Driller's Name:
Type: Macro-Core		Boring logged by: Sean Dunn
Hammer:		Owner/Client Rep.:
Fall:		

Depth (feet)	Blow Counts	Recovery / Penetration (feet)	Sample I.D.	Sample Depth (feet bgs)	PID (ppm/v)	USCS Class.	Description of Sample	Well Construction	Depth (feet)
0									
1									
2									
3		1	S-1	0-5	0		Dark brown medium to coarse SAND, little gravel, dry		
4									
5									
6									
7		1	S-2	5-10	0				
8									
9									
10									
11							Organic material (peat), dry		
12									
13		4	S-3	10-15	0		Dark brown to gray, medium to fine SAND AND SILT, little gravel		
14							Water at 12 feet bgs		
15									
16									
17							Light brown to orange medium to fine SAND, little gravel, dry		
18		5	S-4	15-20	0				
19									
20									
21									
22									
23									
24									
25									

Proportions Used

Trace	0 to 10%
Little	10 to 20%
Some	20 to 35%
And	35 to 50%
----	Change in Material Type
- - - -	Change in Deposit Type

Penetration Resistance ("Blow Counts")

Cohesionless Density		Cohesive Consistency	
0-4	Very Loose	0-2	Very Soft
5-9	Loose	3-4	Soft
10-29	Med. Dense	5-8	M/Stiff
30-49	Dense	9-15	Stiff
50+	Very Dense	16-30	Very Soft
		31+	Hard

EBI CONSULTING

		Boring ID No.: EB-03 Well ID No.: NA Sheet 1 of 1
Boring Location: EB-04/MW-04	EBI Project Manager: Sean Dunn	Project Number: 12120196
Ground Elevation:	Dated Started: 07/24/2012	Dated Completed: 07/24/2012
Depth to First Water: NA	Drill Type: Direct-Push	Borehole Dia: 2"
Depth to Static Water:	Drilling contractor: PAL Environmental Services	
Stabilization Time:	Drilling Company: PAL Environmental Services	
Sampler Type: Macro-Core Hammer: Fall:	Notes:	Driller's Name: Boring logged by: Sean Dunn Owner/Client Rep.:

Depth (feet)	Blow Counts	Recovery / Penetration (feet)	Sample I.D.	Sample Depth (feet bgs)	PID (ppm/v)	USCS Class.	Description of Sample	Well Construction	Depth (feet)
0									
1									
2									
3		1	S-1	0-5	0		Dark brown medium to coarse SAND, little gravel, dry		
4									
5									
6									
7		3	S-2	5-10	0		Dark brown medium to fine SAND AND SILT, little gravel, dry		
8									
9									
10							Organic material (peat), dry		
11									
12							Dark brown medium to fine SAND AND SILT, little gravel, dry		
13		3	S-3	10-15	0				
14							Light brown to orange medium to fine SAND, little gravel, dry		
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Proportions Used

Trace	0 to 10%
Little	10 to 20%
Some	20 to 35%
And	35 to 50%
-----	Change in Material Type
- - - -	Change in Deposit Type

Penetration Resistance ("Blow Counts")

Cohesionless Density		Cohesive Consistency	
0-4	Very Loose	0-2	Very Soft
5-9	Loose	3-4	Soft
10-29	Med. Dense	5-8	M/Stiff
30-49	Dense	9-15	Stiff
50+	Very Dense	16-30	Very Soft
		31+	Hard

EBI CONSULTING

		Boring ID No.: EB-05 Well ID No.: MW-05 Sheet 1 of 1
Boring Location: EB-05/MW-05	EBI Project Manager: Sean Dunn	Project Number: 12120196
Ground Elevation:	Dated Started: 07/24/2012	Dated Completed: 07/24/2012
Depth to First Water: 12	Drill Type: Direct-Push	Borehole Dia: 2"
Depth to Static Water:	Drilling contractor: PAL Environmental Services	
Stabilization Time:	Drilling Company: PAL Environmental Services	
Sampler Type: Macro-Core Hammer: Fall:	Notes:	Driller's Name: Boring logged by: Sean Dunn Owner/Client Rep.:

Depth (feet)	Blow Counts	Recovery / Penetration (feet)	Sample I.D.	Sample Depth (feet bgs)	PID (ppm/v)	USCS Class.	Description of Sample	Well Construction	Depth (feet)
0									
1									
2									
3		1	S-1	0-5	0		Dark brown medium to coarse SAND, little gravel, dry		
4									
5									
6									
7		3	S-2	5-10	0		Dark brown to gray medium to fine SAND AND SILT, little gravel		
8									
9									
10							Organic material (peat), dry		
11									
12							Dark brown to gray medium to fine SAND AND SILT, little gravel		
13		4	S-3	10-15	0		Water at 12 feet bgs		
14									
15									
16									
17							Light brown to orange medium to fine SAND, little gravel, dry		
18		5	S-4	15-20	0				
19									
20									
21									
22									
23									
24									
25									

Proportions Used

Trace	0 to 10%
Little	10 to 20%
Some	20 to 35%
And	35 to 50%
-·-·-	Change in Material Type
----	Change in Deposit Type

Penetration Resistance ("Blow Counts")

Cohesionless Density		Cohesive Consistency	
0-4	Very Loose	0-2	Very Soft
5-9	Loose	3-4	Soft
10-29	Med. Dense	5-8	M/Stiff
30-49	Dense	9-15	Stiff
50+	Very Dense	16-30	Very Soft
		31+	Hard

EBI CONSULTING

		Boring ID No.: EB-06 Well ID No.: MW-06 Sheet 1 of 1
Boring Location: EB-06/MW-06	EBI Project Manager: Sean Dunn	Project Number: 12120196
Ground Elevation:	Dated Started: 07/24/2012	Dated Completed: 07/24/2012
Depth to First Water: 12	Drill Type: Direct-Push	Borehole Dia: 2"
Depth to Static Water:	Drilling contractor: PAL Environmental Services	
Stabilization Time:	Drilling Company: PAL Environmental Services	
Sampler	Notes:	Driller's Name:
Type: Macro-Core		Boring logged by: Sean Dunn
Hammer:		Owner/Client Rep.:
Fall:		

Depth (feet)	Blow Counts	Recovery / Penetration (feet)	Sample I.D.	Sample Depth (feet bgs)	PID (ppm/v)	USCS Class.	Description of Sample	Well Construction	Depth (feet)
0									
1									
2									
3		2	S-1	0-5	0		Dark brown medium to coarse SAND, little gravel, dry		
4									
5									
6									
7		2	S-2	5-10	0		Dark brown medium to fine SAND AND SILT, little gravel		
8							Water at 12 feet bgs		
9									
10									
11									
12									
13		4	S-3	10-15	0				
14							Light brown to orange medium to fine SAND, little gravel, dry		
15									
16									
17									
18		5	S-4	15-20	0				
19									
20									
21									
22									
23									
24									
25									

Proportions Used

Trace	0 to 10%
Little	10 to 20%
Some	20 to 35%
And	35 to 50%
-·-·-	Change in Material Type
----	Change in Deposit Type

Penetration Resistance ("Blow Counts")

Cohesionless Density		Cohesive Consistency	
0-4	Very Loose	0-2	Very Soft
5-9	Loose	3-4	Soft
10-29	Med. Dense	5-8	M/Stiff
30-49	Dense	9-15	Stiff
50+	Very Dense	16-30	Very Soft
		31+	Hard

APPENDIX D
LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY DOCUMENTATION

New England ACCUTEST LABORATORIES

07/30/12

Technical Report for

EBI Consulting

72 Box Street, Brooklyn, NY

12120196

Accutest Job Number: MC12526

Sampling Date: 07/24/12

Report to:

EBI Consulting
21 B Street
Burlington, MA
sdunn@ebiconsulting.com

ATTN: Sean Dunn

Total number of pages in report: **146**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Jeremy Vienneau 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

Test results relate only to samples analyzed.

Sections: 1 2 3 4 5 6 7

Table of Contents

Sample Summary

EBI Consulting

72 Box Street, Brooklyn, NY
Project No: 12120196

Job No: MC12526

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC12526-1	07/24/12	09:10	SD	07/25/12	SO	Soil	EB-01
MC12526-2	07/24/12	10:30	SD	07/25/12	SO	Soil	EB-02
MC12526-3	07/24/12	11:10	SD	07/25/12	SO	Soil	EB-03
MC12526-4	07/24/12	13:20	SD	07/25/12	SO	Soil	EB-04
MC12526-5	07/24/12	14:10	SD	07/25/12	SO	Soil	EB-05
MC12526-6	07/24/12	15:00	SD	07/25/12	SO	Soil	EB-06
MC12526-7	07/24/12	10:00	SD	07/25/12	AQ	Ground Water	MW-01
MC12526-8	07/24/12	10:40	SD	07/25/12	AQ	Ground Water	MW-02
MC12526-9	07/24/12	12:10	SD	07/25/12	AQ	Ground Water	MW-03
MC12526-10	07/24/12	14:40	SD	07/25/12	AQ	Ground Water	MW-05
MC12526-11	07/24/12	15:20	SD	07/25/12	AQ	Ground Water	MW-06

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: MC12526
Account: EBI Consulting
Project: 72 Box Street, Brooklyn, NY
Collected: 07/24/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC12526-1	**EB-01**					
Acetone		22.7	3.8		ug/kg	SW846 8260B
Carbon disulfide		5.6	3.8		ug/kg	SW846 8260B
Methylene chloride		2.4	1.5		ug/kg	SW846 8260B
Acenaphthene		345	180		ug/kg	SW846 8270C BY SIM
Anthracene		911	180		ug/kg	SW846 8270C BY SIM
Benzo(a)anthracene		2090	180		ug/kg	SW846 8270C BY SIM
Benzo(a)pyrene		2150	180		ug/kg	SW846 8270C BY SIM
Benzo(b)fluoranthene		2740	180		ug/kg	SW846 8270C BY SIM
Benzo(g,h,i)perylene		1180	180		ug/kg	SW846 8270C BY SIM
Benzo(k)fluoranthene		1080	180		ug/kg	SW846 8270C BY SIM
Chrysene		1920	180		ug/kg	SW846 8270C BY SIM
Dibenzo(a,h)anthracene		317	180		ug/kg	SW846 8270C BY SIM
Fluoranthene		4260	180		ug/kg	SW846 8270C BY SIM
Fluorene		423	180		ug/kg	SW846 8270C BY SIM
Indeno(1,2,3-cd)pyrene		1050	180		ug/kg	SW846 8270C BY SIM
Naphthalene		332	180		ug/kg	SW846 8270C BY SIM
Phenanthrene		4290	180		ug/kg	SW846 8270C BY SIM
Pyrene		3630	180		ug/kg	SW846 8270C BY SIM
Arsenic		5.6	1.2		mg/kg	SW846 6010C
Barium		141	6.0		mg/kg	SW846 6010C
Cadmium		0.92	0.48		mg/kg	SW846 6010C
Chromium		18.9	1.2		mg/kg	SW846 6010C
Lead		295	1.2		mg/kg	SW846 6010C
Mercury		1.3	0.084		mg/kg	SW846 7471B
MC12526-2	**EB-02**					
Acetone		9.8	3.7		ug/kg	SW846 8260B
Carbon disulfide		6.9	3.7		ug/kg	SW846 8260B
Acenaphthene		34.2	30		ug/kg	SW846 8270C BY SIM
Benzo(a)anthracene		41.6	30		ug/kg	SW846 8270C BY SIM
Benzo(a)pyrene		35.3	30		ug/kg	SW846 8270C BY SIM
Benzo(b)fluoranthene		47.7	30		ug/kg	SW846 8270C BY SIM
Fluoranthene		64.0	30		ug/kg	SW846 8270C BY SIM
Phenanthrene		42.4	30		ug/kg	SW846 8270C BY SIM
Pyrene		62.3	30		ug/kg	SW846 8270C BY SIM
Arsenic		3.7	1.0		mg/kg	SW846 6010C
Barium		34.1	5.0		mg/kg	SW846 6010C
Chromium		14.9	1.0		mg/kg	SW846 6010C
Lead		13.6	1.0		mg/kg	SW846 6010C
Mercury		0.056	0.035		mg/kg	SW846 7471B

Summary of Hits

Job Number: MC12526
Account: EBI Consulting
Project: 72 Box Street, Brooklyn, NY
Collected: 07/24/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC12526-3	**EB-03**					
Acetone		11.2	3.2		ug/kg	SW846 8260B
Benzo(a)pyrene		90.3	28		ug/kg	SW846 8270C BY SIM
Arsenic		5.3	0.93		mg/kg	SW846 6010C
Barium		20.3	4.6		mg/kg	SW846 6010C
Chromium		20.3	0.93		mg/kg	SW846 6010C
Lead		10	0.93		mg/kg	SW846 6010C
MC12526-4	**EB-04**					
Acetone		11.9	4.1		ug/kg	SW846 8260B
Benzo(b)fluoranthene		37.3	32		ug/kg	SW846 8270C BY SIM
Fluoranthene		40.5	32		ug/kg	SW846 8270C BY SIM
Naphthalene		35.2	32		ug/kg	SW846 8270C BY SIM
Pyrene		35.4	32		ug/kg	SW846 8270C BY SIM
Arsenic		3.2	1.1		mg/kg	SW846 6010C
Barium		55.6	5.4		mg/kg	SW846 6010C
Chromium		14.4	1.1		mg/kg	SW846 6010C
Lead		36.0	1.1		mg/kg	SW846 6010C
Mercury		0.15	0.040		mg/kg	SW846 7471B
MC12526-5	**EB-05**					
Acetone		17.9	3.6		ug/kg	SW846 8260B
Arsenic		3.1	1.0		mg/kg	SW846 6010C
Barium		31.3	5.1		mg/kg	SW846 6010C
Chromium		18.0	1.0		mg/kg	SW846 6010C
Lead		5.9	1.0		mg/kg	SW846 6010C
Mercury		0.053	0.037		mg/kg	SW846 7471B
MC12526-6	**EB-06**					
Acetone		16.1	3.7		ug/kg	SW846 8260B
Benzene		1.2	0.37		ug/kg	SW846 8260B
Benzo(a)pyrene		361	34		ug/kg	SW846 8270C BY SIM
Arsenic		2.9	1.1		mg/kg	SW846 6010C
Barium		51.5	5.7		mg/kg	SW846 6010C
Chromium		14.7	1.1		mg/kg	SW846 6010C
Lead		20.5	1.1		mg/kg	SW846 6010C
Mercury		0.072	0.045		mg/kg	SW846 7471B
MC12526-7	**MW-01**					
Acetone		23.5	5.0		ug/l	SW846 8260B

Summary of Hits

Job Number: MC12526
Account: EBI Consulting
Project: 72 Box Street, Brooklyn, NY
Collected: 07/24/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethylbenzene		5.7	1.0		ug/l	SW846 8260B
Naphthalene		10.3	5.0		ug/l	SW846 8260B
Toluene		3.3	1.0		ug/l	SW846 8260B
m,p-Xylene		18.8	1.0		ug/l	SW846 8260B
o-Xylene		7.3	1.0		ug/l	SW846 8260B
Xylene (total)		26.1	1.0		ug/l	SW846 8260B
Benzo(a)anthracene		0.16	0.053		ug/l	SW846 8270C BY SIM
Phenanthrene		0.21	0.053		ug/l	SW846 8270C BY SIM
Barium		417	50		ug/l	SW846 6010C
Chromium		44.4	10		ug/l	SW846 6010C
Lead		62.0	5.0		ug/l	SW846 6010C
MC12526-8	**MW-02**					
Acenaphthene		0.57	0.10		ug/l	SW846 8270C BY SIM
Acenaphthylene		0.18	0.10		ug/l	SW846 8270C BY SIM
Anthracene		0.75	0.10		ug/l	SW846 8270C BY SIM
Benzo(a)anthracene		2.1	0.050		ug/l	SW846 8270C BY SIM
Benzo(a)pyrene		1.8	0.10		ug/l	SW846 8270C BY SIM
Benzo(b)fluoranthene		2.4	0.050		ug/l	SW846 8270C BY SIM
Benzo(g,h,i)perylene		1.1	0.10		ug/l	SW846 8270C BY SIM
Benzo(k)fluoranthene		0.93	0.10		ug/l	SW846 8270C BY SIM
Chrysene		1.9	0.10		ug/l	SW846 8270C BY SIM
Dibenzo(a,h)anthracene		0.31	0.10		ug/l	SW846 8270C BY SIM
Fluoranthene		3.9	0.10		ug/l	SW846 8270C BY SIM
Fluorene		0.49	0.10		ug/l	SW846 8270C BY SIM
Indeno(1,2,3-cd)pyrene		0.91	0.10		ug/l	SW846 8270C BY SIM
2-Methylnaphthalene		0.27	0.20		ug/l	SW846 8270C BY SIM
Naphthalene		0.73	0.10		ug/l	SW846 8270C BY SIM
Phenanthrene		3.5	0.050		ug/l	SW846 8270C BY SIM
Pyrene		3.7	0.10		ug/l	SW846 8270C BY SIM
Barium		72.0	50		ug/l	SW846 6010C
MC12526-9	**MW-03**					
Acetone [a]		5.4	5.0		ug/l	SW846 8260B
Phenanthrene		0.076	0.050		ug/l	SW846 8270C BY SIM
Barium		232	50		ug/l	SW846 6010C
MC12526-10	**MW-05**					
cis-1,2-Dichloroethene [a]		1.3	1.0		ug/l	SW846 8260B
Tetrachloroethene [a]		2.0	1.0		ug/l	SW846 8260B
Trichloroethene [a]		1.4	1.0		ug/l	SW846 8260B
Barium		89.7	50		ug/l	SW846 6010C

Summary of Hits

Job Number: MC12526
Account: EBI Consulting
Project: 72 Box Street, Brooklyn, NY
Collected: 07/24/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC12526-11	**MW-06**					
Barium		71.7	50		ug/l	SW846 6010C

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	EB-01		
Lab Sample ID:	MC12526-1	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	68.4
Project:	72 Box Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V10096.D	1	07/27/12	AMY	n/a	n/a	MSV422
Run #2							

	Initial Weight	Final Volume
Run #1	9.71 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	22.7	3.8	ug/kg	
71-43-2	Benzene	ND	0.38	ug/kg	
108-86-1	Bromobenzene	ND	3.8	ug/kg	
74-97-5	Bromochloromethane	ND	3.8	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	ug/kg	
75-25-2	Bromoform	ND	1.5	ug/kg	
74-83-9	Bromomethane	ND	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	3.8	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.8	ug/kg	
75-15-0	Carbon disulfide	5.6	3.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	ug/kg	
75-00-3	Chloroethane	ND	3.8	ug/kg	
67-66-3	Chloroform	ND	1.5	ug/kg	
74-87-3	Chloromethane	ND	3.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.8	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.8	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-01
Lab Sample ID: MC12526-1
Matrix: SO - Soil
Method: SW846 8260B
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 68.4

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.8	ug/kg	
591-78-6	2-Hexanone	ND	3.8	ug/kg	
74-88-4	Iodomethane	ND	3.8	ug/kg	
98-82-8	Isopropylbenzene	ND	3.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.8	ug/kg	
74-95-3	Methylene bromide	ND	3.8	ug/kg	
75-09-2	Methylene chloride	2.4	1.5	ug/kg	
91-20-3	Naphthalene	ND	3.8	ug/kg	
103-65-1	n-Propylbenzene	ND	3.8	ug/kg	
100-42-5	Styrene	ND	3.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	ug/kg	
108-88-3	Toluene	ND	3.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ug/kg	
79-01-6	Trichloroethene	ND	1.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.8	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.8	ug/kg	
108-05-4	Vinyl Acetate	ND	3.8	ug/kg	
75-01-4	Vinyl chloride	ND	1.5	ug/kg	
	m,p-Xylene	ND	1.5	ug/kg	
95-47-6	o-Xylene	ND	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-01		
Lab Sample ID:	MC12526-1	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	68.4
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	108%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-01		
Lab Sample ID:	MC12526-1	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
Method:	SW846 8270C BY SIM SW846 3546	**Percent Solids:**	68.4
Project:	72 Box Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U8837.D	5	07/27/12	KR	07/25/12	OP29777	MSU497
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	345	180	ug/kg	
208-96-8	Acenaphthylene	ND	180	ug/kg	
120-12-7	Anthracene	911	180	ug/kg	
56-55-3	Benzo(a)anthracene	2090	180	ug/kg	
50-32-8	Benzo(a)pyrene	2150	180	ug/kg	
205-99-2	Benzo(b)fluoranthene	2740	180	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1180	180	ug/kg	
207-08-9	Benzo(k)fluoranthene	1080	180	ug/kg	
218-01-9	Chrysene	1920	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	317	180	ug/kg	
206-44-0	Fluoranthene	4260	180	ug/kg	
86-73-7	Fluorene	423	180	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1050	180	ug/kg	
91-57-6	2-Methylnaphthalene	ND	180	ug/kg	
91-20-3	Naphthalene	332	180	ug/kg	
85-01-8	Phenanthrene	4290	180	ug/kg	
129-00-0	Pyrene	3630	180	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		30-130%
321-60-8	2-Fluorobiphenyl	78%		30-130%
1718-51-0	Terphenyl-d14	94%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-01		
Lab Sample ID:	MC12526-1	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
		Percent Solids:	68.4
Project:	72 Box Street, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.6	1.2	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Barium	141	6.0	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	0.92	0.48	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Chromium	18.9	1.2	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Lead	295	1.2	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Mercury	1.3	0.084	mg/kg	2	07/27/12	07/30/12	SA	SW846 7471B [2]	SW846 7471B [4]
Selenium	< 1.2	1.2	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.60	0.60	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA14536
(2) Instrument QC Batch: MA14537
(3) Prep QC Batch: MP19392
(4) Prep QC Batch: MP19399

RL = Reporting Limit

Report of Analysis

Client Sample ID: EB-02
Lab Sample ID: MC12526-2
Matrix: SO - Soil
Method: SW846 8260B
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 79.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V10097.D	1	07/27/12	AMY	n/a	n/a	MSV422
Run #2							

	Initial Weight	Final Volume
Run #1	8.42 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	9.8	3.7	ug/kg	
71-43-2	Benzene	ND	0.37	ug/kg	
108-86-1	Bromobenzene	ND	3.7	ug/kg	
74-97-5	Bromochloromethane	ND	3.7	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	ug/kg	
75-25-2	Bromoform	ND	1.5	ug/kg	
74-83-9	Bromomethane	ND	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.7	ug/kg	
75-15-0	Carbon disulfide	6.9	3.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	ug/kg	
75-00-3	Chloroethane	ND	3.7	ug/kg	
67-66-3	Chloroform	ND	1.5	ug/kg	
74-87-3	Chloromethane	ND	3.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-02
Lab Sample ID: MC12526-2
Matrix: SO - Soil
Method: SW846 8260B
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 79.5

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.7	ug/kg	
591-78-6	2-Hexanone	ND	3.7	ug/kg	
74-88-4	Iodomethane	ND	3.7	ug/kg	
98-82-8	Isopropylbenzene	ND	3.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	ug/kg	
74-95-3	Methylene bromide	ND	3.7	ug/kg	
75-09-2	Methylene chloride	ND	1.5	ug/kg	
91-20-3	Naphthalene	ND	3.7	ug/kg	
103-65-1	n-Propylbenzene	ND	3.7	ug/kg	
100-42-5	Styrene	ND	3.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	ug/kg	
108-88-3	Toluene	ND	3.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ug/kg	
79-01-6	Trichloroethene	ND	1.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.7	ug/kg	
108-05-4	Vinyl Acetate	ND	3.7	ug/kg	
75-01-4	Vinyl chloride	ND	1.5	ug/kg	
	m,p-Xylene	ND	1.5	ug/kg	
95-47-6	o-Xylene	ND	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-02		
Lab Sample ID:	MC12526-2	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	79.5
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	86%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-02
Lab Sample ID: MC12526-2
Matrix: SO - Soil
Method: SW846 8270C BY SIM SW846 3546
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 79.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U8838.D	1	07/27/12	KR	07/25/12	OP29777	MSU497
Run #2							

	Initial Weight	Final Volume
Run #1	20.8 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	34.2	30	ug/kg	
208-96-8	Acenaphthylene	ND	30	ug/kg	
120-12-7	Anthracene	ND	30	ug/kg	
56-55-3	Benzo(a)anthracene	41.6	30	ug/kg	
50-32-8	Benzo(a)pyrene	35.3	30	ug/kg	
205-99-2	Benzo(b)fluoranthene	47.7	30	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	30	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	30	ug/kg	
218-01-9	Chrysene	ND	30	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	30	ug/kg	
206-44-0	Fluoranthene	64.0	30	ug/kg	
86-73-7	Fluorene	ND	30	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	30	ug/kg	
91-57-6	2-Methylnaphthalene	ND	30	ug/kg	
91-20-3	Naphthalene	ND	30	ug/kg	
85-01-8	Phenanthrene	42.4	30	ug/kg	
129-00-0	Pyrene	62.3	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	56%		30-130%
321-60-8	2-Fluorobiphenyl	57%		30-130%
1718-51-0	Terphenyl-d14	93%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-02		
Lab Sample ID:	MC12526-2	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
		Percent Solids:	79.5
Project:	72 Box Street, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.7	1.0	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Barium	34.1	5.0	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.40	0.40	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Chromium	14.9	1.0	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Lead	13.6	1.0	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.056	0.035	mg/kg	1	07/27/12	07/30/12	SA	SW846 7471B [2]	SW846 7471B [4]
Selenium	< 1.0	1.0	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.50	0.50	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA14536
(2) Instrument QC Batch: MA14537
(3) Prep QC Batch: MP19392
(4) Prep QC Batch: MP19399

RL = Reporting Limit

Report of Analysis

Client Sample ID:	EB-03		
Lab Sample ID:	MC12526-3	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	84.8
Project:	72 Box Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V10147.D	1	07/30/12	AMY	n/a	n/a	MSV424
Run #2							

	Initial Weight	Final Volume
Run #1	9.31 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	11.2	3.2	ug/kg	
71-43-2	Benzene	ND	0.32	ug/kg	
108-86-1	Bromobenzene	ND	3.2	ug/kg	
74-97-5	Bromochloromethane	ND	3.2	ug/kg	
75-27-4	Bromodichloromethane	ND	1.3	ug/kg	
75-25-2	Bromoform	ND	1.3	ug/kg	
74-83-9	Bromomethane	ND	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.2	ug/kg	
104-51-8	n-Butylbenzene	ND	3.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.2	ug/kg	
75-15-0	Carbon disulfide	ND	3.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	1.3	ug/kg	
75-00-3	Chloroethane	ND	3.2	ug/kg	
67-66-3	Chloroform	ND	1.3	ug/kg	
74-87-3	Chloromethane	ND	3.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	ug/kg	
124-48-1	Dibromochloromethane	ND	1.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.3	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-03
Lab Sample ID: MC12526-3
Matrix: SO - Soil
Method: SW846 8260B
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 84.8

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.2	ug/kg	
591-78-6	2-Hexanone	ND	3.2	ug/kg	
74-88-4	Iodomethane	ND	3.2	ug/kg	
98-82-8	Isopropylbenzene	ND	3.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.2	ug/kg	
74-95-3	Methylene bromide	ND	3.2	ug/kg	
75-09-2	Methylene chloride	ND	1.3	ug/kg	
91-20-3	Naphthalene	ND	3.2	ug/kg	
103-65-1	n-Propylbenzene	ND	3.2	ug/kg	
100-42-5	Styrene	ND	3.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	ug/kg	
127-18-4	Tetrachloroethene	ND	1.3	ug/kg	
108-88-3	Toluene	ND	3.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.3	ug/kg	
79-01-6	Trichloroethene	ND	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.2	ug/kg	
108-05-4	Vinyl Acetate	ND	3.2	ug/kg	
75-01-4	Vinyl chloride	ND	1.3	ug/kg	
	m,p-Xylene	ND	1.3	ug/kg	
95-47-6	o-Xylene	ND	1.3	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-03		
Lab Sample ID:	MC12526-3	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	84.8
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-03		
Lab Sample ID:	MC12526-3	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
Method:	SW846 8270C BY SIM SW846 3546	**Percent Solids:**	84.8
Project:	72 Box Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U8839.D	1	07/27/12	KR	07/25/12	OP29777	MSU497
Run #2							

	Initial Weight	Final Volume
Run #1	20.8 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	28	ug/kg	
208-96-8	Acenaphthylene	ND	28	ug/kg	
120-12-7	Anthracene	ND	28	ug/kg	
56-55-3	Benzo(a)anthracene	ND	28	ug/kg	
50-32-8	Benzo(a)pyrene	90.3	28	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	28	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	28	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	28	ug/kg	
218-01-9	Chrysene	ND	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	28	ug/kg	
206-44-0	Fluoranthene	ND	28	ug/kg	
86-73-7	Fluorene	ND	28	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	28	ug/kg	
91-57-6	2-Methylnaphthalene	ND	28	ug/kg	
91-20-3	Naphthalene	ND	28	ug/kg	
85-01-8	Phenanthrene	ND	28	ug/kg	
129-00-0	Pyrene	ND	28	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	50%		30-130%
321-60-8	2-Fluorobiphenyl	50%		30-130%
1718-51-0	Terphenyl-d14	91%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-03		
Lab Sample ID:	MC12526-3	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
		Percent Solids:	84.8
Project:	72 Box Street, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.3	0.93	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Barium	20.3	4.6	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.37	0.37	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Chromium	20.3	0.93	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Lead	10	0.93	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Mercury	< 0.034	0.034	mg/kg	1	07/27/12	07/30/12	SA	SW846 7471B [2]	SW846 7471B [4]
Selenium	< 0.93	0.93	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.46	0.46	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA14536
(2) Instrument QC Batch: MA14537
(3) Prep QC Batch: MP19392
(4) Prep QC Batch: MP19399

RL = Reporting Limit

Report of Analysis

Client Sample ID:	EB-04		
Lab Sample ID:	MC12526-4	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	76.0
Project:	72 Box Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V10099.D	1	07/27/12	AMY	n/a	n/a	MSV422
Run #2							

	Initial Weight	Final Volume
Run #1	8.10 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	11.9	4.1	ug/kg	
71-43-2	Benzene	ND	0.41	ug/kg	
108-86-1	Bromobenzene	ND	4.1	ug/kg	
74-97-5	Bromochloromethane	ND	4.1	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	ug/kg	
75-25-2	Bromoform	ND	1.6	ug/kg	
74-83-9	Bromomethane	ND	1.6	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	ug/kg	
104-51-8	n-Butylbenzene	ND	4.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	ug/kg	
75-15-0	Carbon disulfide	ND	4.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.6	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	ug/kg	
75-00-3	Chloroethane	ND	4.1	ug/kg	
67-66-3	Chloroform	ND	1.6	ug/kg	
74-87-3	Chloromethane	ND	4.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.1	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.6	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.6	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.6	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.6	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-04
Lab Sample ID: MC12526-4
Matrix: SO - Soil
Method: SW846 8260B
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 76.0

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	4.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	ug/kg	
100-41-4	Ethylbenzene	ND	1.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.1	ug/kg	
591-78-6	2-Hexanone	ND	4.1	ug/kg	
74-88-4	Iodomethane	ND	4.1	ug/kg	
98-82-8	Isopropylbenzene	ND	4.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	ug/kg	
74-95-3	Methylene bromide	ND	4.1	ug/kg	
75-09-2	Methylene chloride	ND	1.6	ug/kg	
91-20-3	Naphthalene	ND	4.1	ug/kg	
103-65-1	n-Propylbenzene	ND	4.1	ug/kg	
100-42-5	Styrene	ND	4.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	ug/kg	
108-88-3	Toluene	ND	4.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	ug/kg	
79-01-6	Trichloroethene	ND	1.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.6	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.1	ug/kg	
108-05-4	Vinyl Acetate	ND	4.1	ug/kg	
75-01-4	Vinyl chloride	ND	1.6	ug/kg	
	m,p-Xylene	ND	1.6	ug/kg	
95-47-6	o-Xylene	ND	1.6	ug/kg	
1330-20-7	Xylene (total)	ND	1.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-04		
Lab Sample ID:	MC12526-4	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	76.0
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-04
Lab Sample ID: MC12526-4
Matrix: SO - Soil
Method: SW846 8270C BY SIM SW846 3546
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 76.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U8840.D	1	07/27/12	KR	07/25/12	OP29777	MSU497
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	32	ug/kg	
208-96-8	Acenaphthylene	ND	32	ug/kg	
120-12-7	Anthracene	ND	32	ug/kg	
56-55-3	Benzo(a)anthracene	ND	32	ug/kg	
50-32-8	Benzo(a)pyrene	ND	32	ug/kg	
205-99-2	Benzo(b)fluoranthene	37.3	32	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	32	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	32	ug/kg	
218-01-9	Chrysene	ND	32	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	32	ug/kg	
206-44-0	Fluoranthene	40.5	32	ug/kg	
86-73-7	Fluorene	ND	32	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	32	ug/kg	
91-57-6	2-Methylnaphthalene	ND	32	ug/kg	
91-20-3	Naphthalene	35.2	32	ug/kg	
85-01-8	Phenanthrene	ND	32	ug/kg	
129-00-0	Pyrene	35.4	32	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	53%		30-130%
321-60-8	2-Fluorobiphenyl	56%		30-130%
1718-51-0	Terphenyl-d14	89%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-04		
Lab Sample ID:	MC12526-4	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
		Percent Solids:	76.0
Project:	72 Box Street, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.2	1.1	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Barium	55.6	5.4	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.43	0.43	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Chromium	14.4	1.1	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Lead	36.0	1.1	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.15	0.040	mg/kg	1	07/27/12	07/30/12	SA	SW846 7471B [2]	SW846 7471B [4]
Selenium	< 1.1	1.1	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.54	0.54	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA14536
(2) Instrument QC Batch: MA14537
(3) Prep QC Batch: MP19392
(4) Prep QC Batch: MP19399

RL = Reporting Limit

Report of Analysis

Client Sample ID: EB-05
Lab Sample ID: MC12526-5
Matrix: SO - Soil
Method: SW846 8260B
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 77.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V10100.D	1	07/27/12	AMY	n/a	n/a	MSV422
Run #2							

	Initial Weight	Final Volume
Run #1	8.93 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	17.9	3.6	ug/kg	
71-43-2	Benzene	ND	0.36	ug/kg	
108-86-1	Bromobenzene	ND	3.6	ug/kg	
74-97-5	Bromochloromethane	ND	3.6	ug/kg	
75-27-4	Bromodichloromethane	ND	1.4	ug/kg	
75-25-2	Bromoform	ND	1.4	ug/kg	
74-83-9	Bromomethane	ND	1.4	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.6	ug/kg	
104-51-8	n-Butylbenzene	ND	3.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.6	ug/kg	
75-15-0	Carbon disulfide	ND	3.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.4	ug/kg	
108-90-7	Chlorobenzene	ND	1.4	ug/kg	
75-00-3	Chloroethane	ND	3.6	ug/kg	
67-66-3	Chloroform	ND	1.4	ug/kg	
74-87-3	Chloromethane	ND	3.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	ug/kg	
124-48-1	Dibromochloromethane	ND	1.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.4	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.4	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.4	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-05
Lab Sample ID: MC12526-5
Matrix: SO - Soil
Method: SW846 8260B
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 77.5

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.6	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.6	ug/kg	
591-78-6	2-Hexanone	ND	3.6	ug/kg	
74-88-4	Iodomethane	ND	3.6	ug/kg	
98-82-8	Isopropylbenzene	ND	3.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.6	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.6	ug/kg	
74-95-3	Methylene bromide	ND	3.6	ug/kg	
75-09-2	Methylene chloride	ND	1.4	ug/kg	
91-20-3	Naphthalene	ND	3.6	ug/kg	
103-65-1	n-Propylbenzene	ND	3.6	ug/kg	
100-42-5	Styrene	ND	3.6	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	ug/kg	
127-18-4	Tetrachloroethene	ND	1.4	ug/kg	
108-88-3	Toluene	ND	3.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.4	ug/kg	
79-01-6	Trichloroethene	ND	1.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.6	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.6	ug/kg	
108-05-4	Vinyl Acetate	ND	3.6	ug/kg	
75-01-4	Vinyl chloride	ND	1.4	ug/kg	
	m,p-Xylene	ND	1.4	ug/kg	
95-47-6	o-Xylene	ND	1.4	ug/kg	
1330-20-7	Xylene (total)	ND	1.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-05		
Lab Sample ID:	MC12526-5	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	77.5
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	108%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-05
Lab Sample ID: MC12526-5
Matrix: SO - Soil
Method: SW846 8270C BY SIM SW846 3546
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 77.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U8841.D	1	07/27/12	KR	07/25/12	OP29777	MSU497
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	32	ug/kg	
208-96-8	Acenaphthylene	ND	32	ug/kg	
120-12-7	Anthracene	ND	32	ug/kg	
56-55-3	Benzo(a)anthracene	ND	32	ug/kg	
50-32-8	Benzo(a)pyrene	ND	32	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	32	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	32	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	32	ug/kg	
218-01-9	Chrysene	ND	32	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	32	ug/kg	
206-44-0	Fluoranthene	ND	32	ug/kg	
86-73-7	Fluorene	ND	32	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	32	ug/kg	
91-57-6	2-Methylnaphthalene	ND	32	ug/kg	
91-20-3	Naphthalene	ND	32	ug/kg	
85-01-8	Phenanthrene	ND	32	ug/kg	
129-00-0	Pyrene	ND	32	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	44%		30-130%
321-60-8	2-Fluorobiphenyl	44%		30-130%
1718-51-0	Terphenyl-d14	78%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-05		
Lab Sample ID:	MC12526-5	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
		Percent Solids:	77.5
Project:	72 Box Street, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.1	1.0	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Barium	31.3	5.1	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.41	0.41	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Chromium	18.0	1.0	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Lead	5.9	1.0	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.053	0.037	mg/kg	1	07/27/12	07/30/12	SA	SW846 7471B [2]	SW846 7471B [4]
Selenium	< 1.0	1.0	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.51	0.51	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA14536
(2) Instrument QC Batch: MA14537
(3) Prep QC Batch: MP19392
(4) Prep QC Batch: MP19399

RL = Reporting Limit

Report of Analysis

Client Sample ID: EB-06
Lab Sample ID: MC12526-6
Matrix: SO - Soil
Method: SW846 8260B
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 72.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V10121.D	1	07/28/12	AMY	n/a	n/a	MSV423
Run #2							

	Initial Weight	Final Volume
Run #1	9.39 g	5.0 ml
Run #2		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	16.1	3.7	ug/kg	
71-43-2	Benzene	1.2	0.37	ug/kg	
108-86-1	Bromobenzene	ND	3.7	ug/kg	
74-97-5	Bromochloromethane	ND	3.7	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	ug/kg	
75-25-2	Bromoform	ND	1.5	ug/kg	
74-83-9	Bromomethane	ND	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.7	ug/kg	
75-15-0	Carbon disulfide	ND	3.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	ug/kg	
75-00-3	Chloroethane	ND	3.7	ug/kg	
67-66-3	Chloroform	ND	1.5	ug/kg	
74-87-3	Chloromethane	ND	3.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-06
Lab Sample ID: MC12526-6
Matrix: SO - Soil
Method: SW846 8260B
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 72.4

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.7	ug/kg	
591-78-6	2-Hexanone	ND	3.7	ug/kg	
74-88-4	Iodomethane	ND	3.7	ug/kg	
98-82-8	Isopropylbenzene	ND	3.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	ug/kg	
74-95-3	Methylene bromide	ND	3.7	ug/kg	
75-09-2	Methylene chloride	ND	1.5	ug/kg	
91-20-3	Naphthalene	ND	3.7	ug/kg	
103-65-1	n-Propylbenzene	ND	3.7	ug/kg	
100-42-5	Styrene	ND	3.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	ug/kg	
108-88-3	Toluene	ND	3.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ug/kg	
79-01-6	Trichloroethene	ND	1.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.7	ug/kg	
108-05-4	Vinyl Acetate	ND	3.7	ug/kg	
75-01-4	Vinyl chloride	ND	1.5	ug/kg	
	m,p-Xylene	ND	1.5	ug/kg	
95-47-6	o-Xylene	ND	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-06		
Lab Sample ID:	MC12526-6	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	72.4
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	107%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-06
Lab Sample ID: MC12526-6
Matrix: SO - Soil
Method: SW846 8270C BY SIM SW846 3546
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: 72.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U8842.D	1	07/27/12	KR	07/25/12	OP29777	MSU497
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	34	ug/kg	
208-96-8	Acenaphthylene	ND	34	ug/kg	
120-12-7	Anthracene	ND	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	34	ug/kg	
50-32-8	Benzo(a)pyrene	361	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	34	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	34	ug/kg	
218-01-9	Chrysene	ND	34	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	34	ug/kg	
206-44-0	Fluoranthene	ND	34	ug/kg	
86-73-7	Fluorene	ND	34	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	34	ug/kg	
91-57-6	2-Methylnaphthalene	ND	34	ug/kg	
91-20-3	Naphthalene	ND	34	ug/kg	
85-01-8	Phenanthrene	ND	34	ug/kg	
129-00-0	Pyrene	ND	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	45%		30-130%
321-60-8	2-Fluorobiphenyl	56%		30-130%
1718-51-0	Terphenyl-d14	85%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-06		
Lab Sample ID:	MC12526-6	**Date Sampled:**	07/24/12
Matrix:	SO - Soil	**Date Received:**	07/25/12
		Percent Solids:	72.4
Project:	72 Box Street, Brooklyn, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.9	1.1	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Barium	51.5	5.7	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.45	0.45	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Chromium	14.7	1.1	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Lead	20.5	1.1	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.072	0.045	mg/kg	1	07/27/12	07/30/12	SA	SW846 7471B [2]	SW846 7471B [4]
Selenium	< 1.1	1.1	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.57	0.57	mg/kg	1	07/26/12	07/26/12	EAL	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA14536
(2) Instrument QC Batch: MA14537
(3) Prep QC Batch: MP19392
(4) Prep QC Batch: MP19399

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-01		
Lab Sample ID:	MC12526-7	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N66072.D	1	07/27/12	JP	n/a	n/a	MSN2483
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	23.5	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-01		
Lab Sample ID:	MC12526-7	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	5.7	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	10.3	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	3.3	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	18.8	1.0	ug/l	
95-47-6	o-Xylene	7.3	1.0	ug/l	
1330-20-7	Xylene (total)	26.1	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-01		
Lab Sample ID:	MC12526-7	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-01
Lab Sample ID: MC12526-7
Matrix: AQ - Ground Water
Method: SW846 8270C BY SIM SW846 3510C
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U8782.D	1	07/26/12	KR	07/25/12	OP29798	MSU496
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	0.11	ug/l	
208-96-8	Acenaphthylene	ND	0.11	ug/l	
120-12-7	Anthracene	ND	0.11	ug/l	
56-55-3	Benzo(a)anthracene	0.16	0.053	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.11	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.053	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.11	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.11	ug/l	
218-01-9	Chrysene	ND	0.11	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.11	ug/l	
206-44-0	Fluoranthene	ND	0.11	ug/l	
86-73-7	Fluorene	ND	0.11	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.11	ug/l	
91-57-6	2-Methylnaphthalene	ND	0.21	ug/l	
91-20-3	Naphthalene	ND	0.11	ug/l	
85-01-8	Phenanthrene	0.21	0.053	ug/l	
129-00-0	Pyrene	ND	0.11	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		30-130%
321-60-8	2-Fluorobiphenyl	71%		30-130%
1718-51-0	Terphenyl-d14	57%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-01		
Lab Sample ID:	MC12526-7	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
		Percent Solids:	n/a
Project:	72 Box Street, Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	417	50	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	44.4	10	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	62.0	5.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/26/12	07/27/12	SA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA14530
(2) Instrument QC Batch: MA14536
(3) Prep QC Batch: MP19390
(4) Prep QC Batch: MP19393

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-02		
Lab Sample ID:	MC12526-8	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N66073.D	1	07/27/12	JP	n/a	n/a	MSN2483
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-02		
Lab Sample ID:	MC12526-8	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-02		
Lab Sample ID:	MC12526-8	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-02
Lab Sample ID: MC12526-8
Matrix: AQ - Ground Water
Method: SW846 8270C BY SIM SW846 3510C
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U8783.D	1	07/26/12	KR	07/25/12	OP29798	MSU496
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	0.57	0.10	ug/l	
208-96-8	Acenaphthylene	0.18	0.10	ug/l	
120-12-7	Anthracene	0.75	0.10	ug/l	
56-55-3	Benzo(a)anthracene	2.1	0.050	ug/l	
50-32-8	Benzo(a)pyrene	1.8	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	2.4	0.050	ug/l	
191-24-2	Benzo(g,h,i)perylene	1.1	0.10	ug/l	
207-08-9	Benzo(k)fluoranthene	0.93	0.10	ug/l	
218-01-9	Chrysene	1.9	0.10	ug/l	
53-70-3	Dibenzo(a,h)anthracene	0.31	0.10	ug/l	
206-44-0	Fluoranthene	3.9	0.10	ug/l	
86-73-7	Fluorene	0.49	0.10	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.91	0.10	ug/l	
91-57-6	2-Methylnaphthalene	0.27	0.20	ug/l	
91-20-3	Naphthalene	0.73	0.10	ug/l	
85-01-8	Phenanthrene	3.5	0.050	ug/l	
129-00-0	Pyrene	3.7	0.10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		30-130%
321-60-8	2-Fluorobiphenyl	61%		30-130%
1718-51-0	Terphenyl-d14	61%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-02		
Lab Sample ID:	MC12526-8	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
		Percent Solids:	n/a
Project:	72 Box Street, Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	72.0	50	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/26/12	07/27/12	SA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA14530
(2) Instrument QC Batch: MA14536
(3) Prep QC Batch: MP19390
(4) Prep QC Batch: MP19393

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-03		
Lab Sample ID:	MC12526-9	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N66074.D	1	07/27/12	JP	n/a	n/a	MSN2483
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	5.4	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-03		
Lab Sample ID:	MC12526-9	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-03		
Lab Sample ID:	MC12526-9	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-03		
Lab Sample ID:	MC12526-9	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8270C BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U8784.D	1	07/26/12	KR	07/25/12	OP29798	MSU496
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	0.10	ug/l	
208-96-8	Acenaphthylene	ND	0.10	ug/l	
120-12-7	Anthracene	ND	0.10	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.050	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.050	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.10	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.10	ug/l	
218-01-9	Chrysene	ND	0.10	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	ug/l	
206-44-0	Fluoranthene	ND	0.10	ug/l	
86-73-7	Fluorene	ND	0.10	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	ug/l	
91-57-6	2-Methylnaphthalene	ND	0.20	ug/l	
91-20-3	Naphthalene	ND	0.10	ug/l	
85-01-8	Phenanthrene	0.076	0.050	ug/l	
129-00-0	Pyrene	ND	0.10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		30-130%
321-60-8	2-Fluorobiphenyl	69%		30-130%
1718-51-0	Terphenyl-d14	64%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-03		
Lab Sample ID:	MC12526-9	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
		Percent Solids:	n/a
Project:	72 Box Street, Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	232	50	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/26/12	07/27/12	SA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA14530
(2) Instrument QC Batch: MA14536
(3) Prep QC Batch: MP19390
(4) Prep QC Batch: MP19393

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-05		
Lab Sample ID:	MC12526-10	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N66075.D	1	07/27/12	JP	n/a	n/a	MSN2483
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.3	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-05		
Lab Sample ID:	MC12526-10	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	2.0	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	1.4	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-05		
Lab Sample ID:	MC12526-10	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-05
Lab Sample ID: MC12526-10
Matrix: AQ - Ground Water
Method: SW846 8270C BY SIM SW846 3510C
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U8785.D	1	07/26/12	KR	07/25/12	OP29798	MSU496
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	0.10	ug/l	
208-96-8	Acenaphthylene	ND	0.10	ug/l	
120-12-7	Anthracene	ND	0.10	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.050	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.050	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.10	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.10	ug/l	
218-01-9	Chrysene	ND	0.10	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	ug/l	
206-44-0	Fluoranthene	ND	0.10	ug/l	
86-73-7	Fluorene	ND	0.10	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	ug/l	
91-57-6	2-Methylnaphthalene	ND	0.20	ug/l	
91-20-3	Naphthalene	ND	0.10	ug/l	
85-01-8	Phenanthrene	ND	0.050	ug/l	
129-00-0	Pyrene	ND	0.10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		30-130%
321-60-8	2-Fluorobiphenyl	66%		30-130%
1718-51-0	Terphenyl-d14	43%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-05		
Lab Sample ID:	MC12526-10	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
		Percent Solids:	n/a
Project:	72 Box Street, Brooklyn, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	89.7	50	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/26/12	07/27/12	SA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA14530
(2) Instrument QC Batch: MA14536
(3) Prep QC Batch: MP19390
(4) Prep QC Batch: MP19393

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW-06
Lab Sample ID: MC12526-11
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N66076.D	1	07/27/12	JP	n/a	n/a	MSN2483
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-06		
Lab Sample ID:	MC12526-11	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-06		
Lab Sample ID:	MC12526-11	**Date Sampled:**	07/24/12
Matrix:	AQ - Ground Water	**Date Received:**	07/25/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	72 Box Street, Brooklyn, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-06
Lab Sample ID: MC12526-11
Matrix: AQ - Ground Water
Method: SW846 8270C BY SIM SW846 3510C
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U8786.D	1	07/26/12	KR	07/25/12	OP29798	MSU496
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	0.10	ug/l	
208-96-8	Acenaphthylene	ND	0.10	ug/l	
120-12-7	Anthracene	ND	0.10	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.050	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.050	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.10	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.10	ug/l	
218-01-9	Chrysene	ND	0.10	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	ug/l	
206-44-0	Fluoranthene	ND	0.10	ug/l	
86-73-7	Fluorene	ND	0.10	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	ug/l	
91-57-6	2-Methylnaphthalene	ND	0.20	ug/l	
91-20-3	Naphthalene	ND	0.10	ug/l	
85-01-8	Phenanthrene	ND	0.050	ug/l	
129-00-0	Pyrene	ND	0.10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	76%		30-130%
321-60-8	2-Fluorobiphenyl	74%		30-130%
1718-51-0	Terphenyl-d14	55%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-06
Lab Sample ID: MC12526-11
Matrix: AQ - Ground Water
Project: 72 Box Street, Brooklyn, NY

Date Sampled: 07/24/12
Date Received: 07/25/12
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	71.7	50	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	07/26/12	07/27/12	SA	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 10	10	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	< 5.0	5.0	ug/l	1	07/26/12	07/26/12	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA14530
(2) Instrument QC Batch: MA14536
(3) Prep QC Batch: MP19390
(4) Prep QC Batch: MP19393

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE ___ OF ___

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: MC12526

Client / Reporting Information

Company Name: EBI CONSULTING
Street Address: 21 B STREET
City: BURLINGTON State: MA Zip: 01803
Project Contact: SDUNN@EBICONSULTING.COM E-mail:
Phone #: 781-552-9953 Fax #:
Sampler(s) Name(s): SEAN DUNN Phone #:

Project Information

Project Name: 12120196
Street: 72 BOX STREET
City: BROOKLYN, NY
Project#: 12120196
Client PO#:
Project Manager: SEAN DUNN

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB- Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	VOCs	PAH	RCRA 8 Metals	LAB USE ONLY
-1	EB-01		7/24/12	0910	SMD	~~SO~~ GW	4					1	1			2	X	X	X	
-2	EB-02			1030		~~SO~~ GW	4					1	1			2	X	X	X	
-3	EB-03			1110		SO	4					1	1			2	X	X	X	
-4	EB-04			1320		SO	4					1	1			2	X	X	X	
-5	EB-05			1410		SO	4					1	1			2	X	X	X	
-6	EB-06			1500		SO	4					1	1			2	X	X	X	
-7	MW-01			1000		GW	5	2		1		2					X	X	X	
-8	MW-02			1040		GW	5	2		1		2					X	X	X	
-9	MW-03			1210		GW	5	2		1		2					X	X	X	
	~~MW-04~~			—		GW														10L4, 13D
-10	MW-05			1440		GW	5	2		1		2					X	X	X	19D, 5A
-11	MW-06			1520		GW	5	2		1		2					X	X	X	3K4

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ Std. 5 Business Days (By Contract only)
- ☐ 5 Day *RUSH*
- ☒ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

Data Deliverable Information

- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULLT1 (Level 3+4)
- ☐ CT RCP
- ☐ MA MCP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format
- ☐ Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	7/24 6PM	1 FX	2 FX	7-25-12 9:30	2
3		3	4		4
5		5	Custody Seal # ☐ Intact ☐ Not intact	Preserved where applicable ☐	On Ice: ~~8~~ Cooler Temp: 12°

MC12526: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC12526 **Client:** EBI **Immediate Client Services Action Required:** No

Date / Time Received: 7/25/2012 **Delivery Method:** **Client Service Action Required at Login:** No

Project: 12120196 **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC12526: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2483-MB	N66054.D	1	07/27/12	JP	n/a	n/a	MSN2483

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2483-MB	N66054.D	1	07/27/12	JP	n/a	n/a	MSN2483

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2483-MB	N66054.D	1	07/27/12	JP	n/a	n/a	MSN2483

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	92%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV422-MB	V10084.D	1	07/27/12	AMY	n/a	n/a	MSV422

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-1, MC12526-2, MC12526-4, MC12526-5

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV422-MB	V10084.D	1	07/27/12	AMY	n/a	n/a	MSV422

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-1, MC12526-2, MC12526-4, MC12526-5

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
74-88-4	Iodomethane	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	5.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
108-05-4	Vinyl Acetate	ND	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV422-MB	V10084.D	1	07/27/12	AMY	n/a	n/a	MSV422

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-1, MC12526-2, MC12526-4, MC12526-5

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	70-130%
2037-26-5	Toluene-D8	108%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV423-MB	V10118.D	1	07/28/12	AMY	n/a	n/a	MSV423

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-6

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV423-MB	V10118.D	1	07/28/12	AMY	n/a	n/a	MSV423

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-6

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
74-88-4	Iodomethane	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	5.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
108-05-4	Vinyl Acetate	ND	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV423-MB	V10118.D	1	07/28/12	AMY	n/a	n/a	MSV423

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-6

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	70-130%
2037-26-5	Toluene-D8	107%	70-130%
460-00-4	4-Bromofluorobenzene	87%	70-130%

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV424-MB	V10146.D	1	07/30/12	AMY	n/a	n/a	MSV424

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-3

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV424-MB	V10146.D	1	07/30/12	AMY	n/a	n/a	MSV424

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-3

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
74-88-4	Iodomethane	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	5.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
108-05-4	Vinyl Acetate	ND	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV424-MB	V10146.D	1	07/30/12	AMY	n/a	n/a	MSV424

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-3

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	87%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	81%	70-130%

Blank Spike Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV422-BS	V10082.D	1	07/27/12	AMY	n/a	n/a	MSV422

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-1, MC12526-2, MC12526-4, MC12526-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	58.0	116	70-130
71-43-2	Benzene	50	42.8	86	70-130
108-86-1	Bromobenzene	50	41.6	83	70-130
74-97-5	Bromochloromethane	50	48.3	97	70-130
75-27-4	Bromodichloromethane	50	43.0	86	70-130
75-25-2	Bromoform	50	43.7	87	70-130
74-83-9	Bromomethane	50	51.9	104	70-130
78-93-3	2-Butanone (MEK)	50	49.5	99	70-130
104-51-8	n-Butylbenzene	50	39.7	79	70-130
135-98-8	sec-Butylbenzene	50	42.4	85	70-130
98-06-6	tert-Butylbenzene	50	39.9	80	70-130
75-15-0	Carbon disulfide	50	39.0	78	70-130
56-23-5	Carbon tetrachloride	50	39.8	80	70-130
108-90-7	Chlorobenzene	50	47.4	95	70-130
75-00-3	Chloroethane	50	45.4	91	70-130
67-66-3	Chloroform	50	41.1	82	70-130
74-87-3	Chloromethane	50	54.5	109	70-130
95-49-8	o-Chlorotoluene	50	40.8	82	70-130
106-43-4	p-Chlorotoluene	50	42.1	84	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	36.7	73	70-130
124-48-1	Dibromochloromethane	50	43.4	87	70-130
106-93-4	1,2-Dibromoethane	50	48.4	97	70-130
95-50-1	1,2-Dichlorobenzene	50	44.8	90	70-130
541-73-1	1,3-Dichlorobenzene	50	45.8	92	70-130
106-46-7	1,4-Dichlorobenzene	50	41.6	83	70-130
75-71-8	Dichlorodifluoromethane	50	59.0	118	70-130
75-34-3	1,1-Dichloroethane	50	42.8	86	70-130
107-06-2	1,2-Dichloroethane	50	42.2	84	70-130
75-35-4	1,1-Dichloroethene	50	51.7	103	70-130
156-59-2	cis-1,2-Dichloroethene	50	44.4	89	70-130
156-60-5	trans-1,2-Dichloroethene	50	45.4	91	70-130
78-87-5	1,2-Dichloropropane	50	42.6	85	70-130
142-28-9	1,3-Dichloropropane	50	44.4	89	70-130
594-20-7	2,2-Dichloropropane	50	34.9	70	70-130
563-58-6	1,1-Dichloropropene	50	43.3	87	70-130
10061-01-5	cis-1,3-Dichloropropene	50	44.3	89	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV422-BS	V10082.D	1	07/27/12	AMY	n/a	n/a	MSV422

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-1, MC12526-2, MC12526-4, MC12526-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	44.6	89	70-130
100-41-4	Ethylbenzene	50	42.8	86	70-130
87-68-3	Hexachlorobutadiene	50	35.1	70	70-130
591-78-6	2-Hexanone	50	49.9	100	70-130
74-88-4	Iodomethane	50	37.8	76	70-130
98-82-8	Isopropylbenzene	50	42.5	85	70-130
99-87-6	p-Isopropyltoluene	50	41.7	83	70-130
1634-04-4	Methyl Tert Butyl Ether	50	39.3	79	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	42.6	85	70-130
74-95-3	Methylene bromide	50	45.0	90	70-130
75-09-2	Methylene chloride	50	45.0	90	70-130
91-20-3	Naphthalene	50	40.4	81	70-130
103-65-1	n-Propylbenzene	50	41.8	84	70-130
100-42-5	Styrene	50	45.3	91	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	43.3	87	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	40.9	82	70-130
127-18-4	Tetrachloroethene	50	46.5	93	70-130
108-88-3	Toluene	50	42.6	85	70-130
87-61-6	1,2,3-Trichlorobenzene	50	40.7	81	70-130
120-82-1	1,2,4-Trichlorobenzene	50	45.4	91	70-130
71-55-6	1,1,1-Trichloroethane	50	38.5	77	70-130
79-00-5	1,1,2-Trichloroethane	50	47.3	95	70-130
79-01-6	Trichloroethene	50	43.7	87	70-130
75-69-4	Trichlorofluoromethane	50	37.9	76	70-130
96-18-4	1,2,3-Trichloropropane	50	40.5	81	70-130
95-63-6	1,2,4-Trimethylbenzene	50	39.1	78	70-130
108-67-8	1,3,5-Trimethylbenzene	50	38.1	76	70-130
108-05-4	Vinyl Acetate	50	37.7	75	70-130
75-01-4	Vinyl chloride	50	49.5	99	70-130
	m,p-Xylene	100	92.9	93	70-130
95-47-6	o-Xylene	50	48.2	96	70-130
1330-20-7	Xylene (total)	150	141	94	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV422-BS	V10082.D	1	07/27/12	AMY	n/a	n/a	MSV422

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-1, MC12526-2, MC12526-4, MC12526-5

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	88%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	81%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV423-BS	V10116.D	1	07/28/12	AMY	n/a	n/a	MSV423

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	48.9	98	70-130
71-43-2	Benzene	50	44.8	90	70-130
108-86-1	Bromobenzene	50	41.1	82	70-130
74-97-5	Bromochloromethane	50	51.7	103	70-130
75-27-4	Bromodichloromethane	50	43.7	87	70-130
75-25-2	Bromoform	50	48.8	98	70-130
74-83-9	Bromomethane	50	61.0	122	70-130
78-93-3	2-Butanone (MEK)	50	57.1	114	70-130
104-51-8	n-Butylbenzene	50	42.1	84	70-130
135-98-8	sec-Butylbenzene	50	43.4	87	70-130
98-06-6	tert-Butylbenzene	50	39.8	80	70-130
75-15-0	Carbon disulfide	50	42.3	85	70-130
56-23-5	Carbon tetrachloride	50	42.5	85	70-130
108-90-7	Chlorobenzene	50	48.6	97	70-130
75-00-3	Chloroethane	50	54.2	108	70-130
67-66-3	Chloroform	50	43.2	86	70-130
74-87-3	Chloromethane	50	69.4	139* [a]	70-130
95-49-8	o-Chlorotoluene	50	40.0	80	70-130
106-43-4	p-Chlorotoluene	50	41.9	84	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	49.7	99	70-130
124-48-1	Dibromochloromethane	50	45.5	91	70-130
106-93-4	1,2-Dibromoethane	50	54.0	108	70-130
95-50-1	1,2-Dichlorobenzene	50	45.1	90	70-130
541-73-1	1,3-Dichlorobenzene	50	44.5	89	70-130
106-46-7	1,4-Dichlorobenzene	50	41.4	83	70-130
75-71-8	Dichlorodifluoromethane	50	68.4	137* [a]	70-130
75-34-3	1,1-Dichloroethane	50	44.9	90	70-130
107-06-2	1,2-Dichloroethane	50	45.2	90	70-130
75-35-4	1,1-Dichloroethene	50	54.8	110	70-130
156-59-2	cis-1,2-Dichloroethene	50	46.7	93	70-130
156-60-5	trans-1,2-Dichloroethene	50	48.4	97	70-130
78-87-5	1,2-Dichloropropane	50	44.0	88	70-130
142-28-9	1,3-Dichloropropane	50	47.5	95	70-130
594-20-7	2,2-Dichloropropane	50	37.9	76	70-130
563-58-6	1,1-Dichloropropene	50	45.1	90	70-130
10061-01-5	cis-1,3-Dichloropropene	50	43.8	88	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV423-BS	V10116.D	1	07/28/12	AMY	n/a	n/a	MSV423

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	46.0	92	70-130
100-41-4	Ethylbenzene	50	43.1	86	70-130
87-68-3	Hexachlorobutadiene	50	42.9	86	70-130
591-78-6	2-Hexanone	50	61.6	123	70-130
74-88-4	Iodomethane	50	41.5	83	70-130
98-82-8	Isopropylbenzene	50	41.6	83	70-130
99-87-6	p-Isopropyltoluene	50	42.7	85	70-130
1634-04-4	Methyl Tert Butyl Ether	50	44.7	89	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	59.5	119	70-130
74-95-3	Methylene bromide	50	49.6	99	70-130
75-09-2	Methylene chloride	50	49.3	99	70-130
91-20-3	Naphthalene	50	50.5	101	70-130
103-65-1	n-Propylbenzene	50	41.8	84	70-130
100-42-5	Styrene	50	45.9	92	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	44.3	89	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	48.5	97	70-130
127-18-4	Tetrachloroethene	50	47.6	95	70-130
108-88-3	Toluene	50	43.6	87	70-130
87-61-6	1,2,3-Trichlorobenzene	50	47.2	94	70-130
120-82-1	1,2,4-Trichlorobenzene	50	46.9	94	70-130
71-55-6	1,1,1-Trichloroethane	50	41.1	82	70-130
79-00-5	1,1,2-Trichloroethane	50	51.0	102	70-130
79-01-6	Trichloroethene	50	44.3	89	70-130
75-69-4	Trichlorofluoromethane	50	40.7	81	70-130
96-18-4	1,2,3-Trichloropropane	50	49.5	99	70-130
95-63-6	1,2,4-Trimethylbenzene	50	39.3	79	70-130
108-67-8	1,3,5-Trimethylbenzene	50	38.2	76	70-130
108-05-4	Vinyl Acetate	50	50.6	101	70-130
75-01-4	Vinyl chloride	50	54.1	108	70-130
	m,p-Xylene	100	93.0	93	70-130
95-47-6	o-Xylene	50	47.8	96	70-130
1330-20-7	Xylene (total)	150	141	94	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV423-BS	V10116.D	1	07/28/12	AMY	n/a	n/a	MSV423

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-6

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	109%	70-130%
460-00-4	4-Bromofluorobenzene	88%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2483-BS	N66051.D	1	07/27/12	JP	n/a	n/a	MSN2483
MSN2483-BSD	N66052.D	1	07/27/12	JP	n/a	n/a	MSN2483

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	49.8	100	49.6	99	0	70-130/25
71-43-2	Benzene	50	49.6	99	47.7	95	4	70-130/25
108-86-1	Bromobenzene	50	50.7	101	49.6	99	2	70-130/25
74-97-5	Bromochloromethane	50	50.2	100	50.2	100	0	70-130/25
75-27-4	Bromodichloromethane	50	51.8	104	48.9	98	6	70-130/25
75-25-2	Bromoform	50	50.5	101	50.9	102	1	70-130/25
74-83-9	Bromomethane	50	57.0	114	55.9	112	2	70-130/25
78-93-3	2-Butanone (MEK)	50	51.6	103	51.8	104	0	70-130/25
104-51-8	n-Butylbenzene	50	51.9	104	48.3	97	7	70-130/25
135-98-8	sec-Butylbenzene	50	57.5	115	53.6	107	7	70-130/25
98-06-6	tert-Butylbenzene	50	55.7	111	52.5	105	6	70-130/25
75-15-0	Carbon disulfide	50	41.9	84	40.5	81	3	70-130/25
56-23-5	Carbon tetrachloride	50	51.6	103	48.4	97	6	70-130/25
108-90-7	Chlorobenzene	50	54.3	109	53.6	107	1	70-130/25
75-00-3	Chloroethane	50	49.7	99	49.6	99	0	70-130/25
67-66-3	Chloroform	50	49.1	98	47.5	95	3	70-130/25
74-87-3	Chloromethane	50	55.1	110	54.7	109	1	70-130/25
95-49-8	o-Chlorotoluene	50	53.4	107	50.4	101	6	70-130/25
106-43-4	p-Chlorotoluene	50	55.4	111	51.5	103	7	70-130/25
96-12-8	1,2-Dibromo-3-chloropropane	50	50.6	101	45.6	91	10	70-130/25
124-48-1	Dibromochloromethane	50	54.4	109	53.3	107	2	70-130/25
106-93-4	1,2-Dibromoethane	50	49.6	99	50.1	100	1	70-130/25
95-50-1	1,2-Dichlorobenzene	50	54.0	108	51.9	104	4	70-130/25
541-73-1	1,3-Dichlorobenzene	50	54.4	109	51.4	103	6	70-130/25
106-46-7	1,4-Dichlorobenzene	50	51.1	102	48.8	98	5	70-130/25
75-71-8	Dichlorodifluoromethane	50	53.5	107	49.8	100	7	70-130/25
75-34-3	1,1-Dichloroethane	50	49.8	100	48.2	96	3	70-130/25
107-06-2	1,2-Dichloroethane	50	47.4	95	45.8	92	3	70-130/25
75-35-4	1,1-Dichloroethene	50	50.9	102	48.6	97	5	70-130/25
156-59-2	cis-1,2-Dichloroethene	50	50.9	102	49.5	99	3	70-130/25
156-60-5	trans-1,2-Dichloroethene	50	50.3	101	47.8	96	5	70-130/25
78-87-5	1,2-Dichloropropane	50	50.2	100	48.3	97	4	70-130/25
142-28-9	1,3-Dichloropropane	50	48.3	97	47.8	96	1	70-130/25
594-20-7	2,2-Dichloropropane	50	38.3	77	36.3	73	5	70-130/25
563-58-6	1,1-Dichloropropene	50	48.5	97	46.4	93	4	70-130/25
10061-01-5	cis-1,3-Dichloropropene	50	51.6	103	49.8	100	4	70-130/25

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2483-BS	N66051.D	1	07/27/12	JP	n/a	n/a	MSN2483
MSN2483-BSD	N66052.D	1	07/27/12	JP	n/a	n/a	MSN2483

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	50	48.3	97	46.9	94	3	70-130/25
100-41-4	Ethylbenzene	50	48.9	98	48.1	96	2	70-130/25
87-68-3	Hexachlorobutadiene	50	52.9	106	50.4	101	5	70-130/25
591-78-6	2-Hexanone	50	49.9	100	48.4	97	3	70-130/25
74-88-4	Iodomethane	50	46.0	92	46.8	94	2	70-130/25
98-82-8	Isopropylbenzene	50	55.2	110	52.3	105	5	70-130/25
99-87-6	p-Isopropyltoluene	50	55.8	112	51.9	104	7	70-130/25
1634-04-4	Methyl Tert Butyl Ether	50	53.3	107	52.3	105	2	70-130/25
108-10-1	4-Methyl-2-pentanone (MIBK)	50	50.5	101	49.0	98	3	70-130/25
74-95-3	Methylene bromide	50	51.5	103	51.5	103	0	70-130/25
75-09-2	Methylene chloride	50	47.6	95	46.4	93	3	70-130/25
91-20-3	Naphthalene	50	55.5	111	52.8	106	5	70-130/25
103-65-1	n-Propylbenzene	50	56.6	113	53.4	107	6	70-130/25
100-42-5	Styrene	50	53.3	107	53.1	106	0	70-130/25
630-20-6	1,1,1,2-Tetrachloroethane	50	51.1	102	51.2	102	0	70-130/25
79-34-5	1,1,2,2-Tetrachloroethane	50	53.9	108	51.2	102	5	70-130/25
127-18-4	Tetrachloroethene	50	48.7	97	48.2	96	1	70-130/25
108-88-3	Toluene	50	51.6	103	49.6	99	4	70-130/25
87-61-6	1,2,3-Trichlorobenzene	50	51.1	102	48.0	96	6	70-130/25
120-82-1	1,2,4-Trichlorobenzene	50	50.8	102	48.3	97	5	70-130/25
71-55-6	1,1,1-Trichloroethane	50	48.6	97	47.0	94	3	70-130/25
79-00-5	1,1,2-Trichloroethane	50	48.6	97	46.2	92	5	70-130/25
79-01-6	Trichloroethene	50	48.7	97	46.2	92	5	70-130/25
75-69-4	Trichlorofluoromethane	50	45.2	90	43.7	87	3	70-130/25
96-18-4	1,2,3-Trichloropropane	50	50.1	100	47.1	94	6	70-130/25
95-63-6	1,2,4-Trimethylbenzene	50	53.1	106	49.9	100	6	70-130/25
108-67-8	1,3,5-Trimethylbenzene	50	50.9	102	47.2	94	8	70-130/25
108-05-4	Vinyl Acetate	50	53.6	107	54.1	108	1	70-130/25
75-01-4	Vinyl chloride	50	47.4	95	45.7	91	4	70-130/25
	m,p-Xylene	100	104	104	102	102	2	70-130/25
95-47-6	o-Xylene	50	54.9	110	55.5	111	1	70-130/25
1330-20-7	Xylene (total)	150	159	106	158	105	1	70-130/25

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN2483-BS	N66051.D	1	07/27/12	JP	n/a	n/a	MSN2483
MSN2483-BSD	N66052.D	1	07/27/12	JP	n/a	n/a	MSN2483

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	94%	93%	70-130%
2037-26-5	Toluene-D8	100%	99%	70-130%
460-00-4	4-Bromofluorobenzene	98%	93%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV424-BS	V10143.D	1	07/30/12	AMY	n/a	n/a	MSV424
MSV424-BSD	V10144.D	1	07/30/12	AMY	n/a	n/a	MSV424

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	54.0	108	51.0	102	6	70-130/25
71-43-2	Benzene	50	48.6	97	44.5	89	9	70-130/25
108-86-1	Bromobenzene	50	52.2	104	41.3	83	23	70-130/25
74-97-5	Bromochloromethane	50	54.5	109	50.3	101	8	70-130/25
75-27-4	Bromodichloromethane	50	50.4	101	44.5	89	12	70-130/25
75-25-2	Bromoform	50	59.3	119	53.5	107	10	70-130/25
74-83-9	Bromomethane	50	64.1	128	56.8	114	12	70-130/25
78-93-3	2-Butanone (MEK)	50	62.1	124	52.2	104	17	70-130/25
104-51-8	n-Butylbenzene	50	52.7	105	47.3	95	11	70-130/25
135-98-8	sec-Butylbenzene	50	54.2	108	48.4	97	11	70-130/25
98-06-6	tert-Butylbenzene	50	51.1	102	43.9	88	15	70-130/25
75-15-0	Carbon disulfide	50	44.3	89	53.0	106	18	70-130/25
56-23-5	Carbon tetrachloride	50	49.0	98	43.9	88	11	70-130/25
108-90-7	Chlorobenzene	50	56.6	113	52.1	104	8	70-130/25
75-00-3	Chloroethane	50	56.0	112	51.8	104	8	70-130/25
67-66-3	Chloroform	50	47.0	94	42.8	86	9	70-130/25
74-87-3	Chloromethane	50	65.9	132* [a]	59.3	119	11	70-130/25
95-49-8	o-Chlorotoluene	50	50.3	101	41.4	83	19	70-130/25
106-43-4	p-Chlorotoluene	50	52.3	105	43.1	86	19	70-130/25
96-12-8	1,2-Dibromo-3-chloropropane	50	61.3	123	54.1	108	12	70-130/25
124-48-1	Dibromochloromethane	50	54.6	109	54.1	108	1	70-130/25
106-93-4	1,2-Dibromoethane	50	63.0	126	64.3	129	2	70-130/25
95-50-1	1,2-Dichlorobenzene	50	57.1	114	51.5	103	10	70-130/25
541-73-1	1,3-Dichlorobenzene	50	56.6	113	49.9	100	13	70-130/25
106-46-7	1,4-Dichlorobenzene	50	52.0	104	45.8	92	13	70-130/25
75-71-8	Dichlorodifluoromethane	50	74.8	150* [a]	66.2	132* [a]	12	70-130/25
75-34-3	1,1-Dichloroethane	50	47.4	95	43.0	86	10	70-130/25
107-06-2	1,2-Dichloroethane	50	51.4	103	45.2	90	13	70-130/25
75-35-4	1,1-Dichloroethene	50	57.7	115	68.8	138* [a]	18	70-130/25
156-59-2	cis-1,2-Dichloroethene	50	48.9	98	45.1	90	8	70-130/25
156-60-5	trans-1,2-Dichloroethene	50	51.0	102	50.8	102	0	70-130/25
78-87-5	1,2-Dichloropropane	50	48.0	96	43.7	87	9	70-130/25
142-28-9	1,3-Dichloropropane	50	56.8	114	58.2	116	2	70-130/25
594-20-7	2,2-Dichloropropane	50	40.7	81	37.6	75	8	70-130/25
563-58-6	1,1-Dichloropropene	50	50.8	102	45.7	91	11	70-130/25
10061-01-5	cis-1,3-Dichloropropene	50	49.7	99	44.0	88	12	70-130/25

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV424-BS	V10143.D	1	07/30/12	AMY	n/a	n/a	MSV424
MSV424-BSD	V10144.D	1	07/30/12	AMY	n/a	n/a	MSV424

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	50	51.5	103	46.4	93	10	70-130/25
100-41-4	Ethylbenzene	50	51.1	102	47.7	95	7	70-130/25
87-68-3	Hexachlorobutadiene	50	61.0	122	48.8	98	22	70-130/25
591-78-6	2-Hexanone	50	72.2	144* [a]	70.8	142* [a]	2	70-130/25
74-88-4	Iodomethane	50	43.3	87	52.4	105	19	70-130/25
98-82-8	Isopropylbenzene	50	52.3	105	42.7	85	20	70-130/25
99-87-6	p-Isopropyltoluene	50	54.6	109	48.4	97	12	70-130/25
1634-04-4	Methyl Tert Butyl Ether	50	48.4	97	45.2	90	7	70-130/25
108-10-1	4-Methyl-2-pentanone (MIBK)	50	66.7	133* [a]	55.5	111	18	70-130/25
74-95-3	Methylene bromide	50	54.0	108	49.1	98	10	70-130/25
75-09-2	Methylene chloride	50	51.0	102	58.7	117	14	70-130/25
91-20-3	Naphthalene	50	66.4	133* [a]	55.0	110	19	70-130/25
103-65-1	n-Propylbenzene	50	55.9	112	42.9	86	26* [a]	70-130/25
100-42-5	Styrene	50	54.5	109	51.3	103	6	70-130/25
630-20-6	1,1,1,2-Tetrachloroethane	50	54.2	108	49.2	98	10	70-130/25
79-34-5	1,1,2,2-Tetrachloroethane	50	61.4	123	47.4	95	26* [a]	70-130/25
127-18-4	Tetrachloroethene	50	57.5	115	58.4	117	2	70-130/25
108-88-3	Toluene	50	48.1	96	44.4	89	8	70-130/25
87-61-6	1,2,3-Trichlorobenzene	50	65.2	130	53.0	106	21	70-130/25
120-82-1	1,2,4-Trichlorobenzene	50	65.0	130	52.9	106	21	70-130/25
71-55-6	1,1,1-Trichloroethane	50	44.9	90	40.9	82	9	70-130/25
79-00-5	1,1,2-Trichloroethane	50	56.3	113	49.5	99	13	70-130/25
79-01-6	Trichloroethene	50	49.3	99	44.5	89	10	70-130/25
75-69-4	Trichlorofluoromethane	50	47.4	95	43.8	88	8	70-130/25
96-18-4	1,2,3-Trichloropropane	50	62.5	125	48.4	97	25	70-130/25
95-63-6	1,2,4-Trimethylbenzene	50	49.6	99	40.7	81	20	70-130/25
108-67-8	1,3,5-Trimethylbenzene	50	48.5	97	39.1	78	21	70-130/25
108-05-4	Vinyl Acetate	50	46.0	92	44.0	88	4	70-130/25
75-01-4	Vinyl chloride	50	58.3	117	54.2	108	7	70-130/25
	m,p-Xylene	100	110	110	103	103	7	70-130/25
95-47-6	o-Xylene	50	57.4	115	53.8	108	6	70-130/25
1330-20-7	Xylene (total)	150	167	111	157	105	6	70-130/25

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV424-BS	V10143.D	1	07/30/12	AMY	n/a	n/a	MSV424
MSV424-BSD	V10144.D	1	07/30/12	AMY	n/a	n/a	MSV424

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-3

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	90%	93%	70-130%
2037-26-5	Toluene-D8	100%	102%	70-130%
460-00-4	4-Bromofluorobenzene	89%	83%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12560-1MS	N66060.D	5	07/27/12	JP	n/a	n/a	MSN2483
MC12560-1MSD	N66061.D	5	07/27/12	JP	n/a	n/a	MSN2483
MC12560-1	N66057.D	1	07/27/12	JP	n/a	n/a	MSN2483

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Compound	MC12560-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		250	238	95	226	90	5	70-130/30
71-43-2	Benzene	ND		250	235	94	234	94	0	70-130/30
108-86-1	Bromobenzene	ND		250	235	94	237	95	1	70-130/30
74-97-5	Bromochloromethane	ND		250	239	96	245	98	2	70-130/30
75-27-4	Bromodichloromethane	ND		250	249	100	246	98	1	70-130/30
75-25-2	Bromoform	ND		250	247	99	241	96	2	70-130/30
74-83-9	Bromomethane	ND		250	253	101	280	112	10	70-130/30
78-93-3	2-Butanone (MEK)	ND		250	257	103	241	96	6	70-130/30
104-51-8	n-Butylbenzene	ND		250	257	103	250	100	3	70-130/30
135-98-8	sec-Butylbenzene	ND		250	277	111	268	107	3	70-130/30
98-06-6	tert-Butylbenzene	ND		250	276	110	265	106	4	70-130/30
75-15-0	Carbon disulfide	ND		250	206	82	201	80	2	70-130/30
56-23-5	Carbon tetrachloride	ND		250	268	107	255	102	5	70-130/30
108-90-7	Chlorobenzene	ND		250	255	102	245	98	4	70-130/30
75-00-3	Chloroethane	ND		250	241	96	236	94	2	70-130/30
67-66-3	Chloroform	ND		250	243	97	235	94	3	70-130/30
74-87-3	Chloromethane	ND		250	271	108	282	113	4	70-130/30
95-49-8	o-Chlorotoluene	ND		250	253	101	249	100	2	70-130/30
106-43-4	p-Chlorotoluene	ND		250	265	106	260	104	2	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	239	96	217	87	10	70-130/30
124-48-1	Dibromochloromethane	ND		250	263	105	253	101	4	70-130/30
106-93-4	1,2-Dibromoethane	ND		250	235	94	231	92	2	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		250	254	102	254	102	0	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		250	254	102	254	102	0	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		250	241	96	242	97	0	70-130/30
75-71-8	Dichlorodifluoromethane	ND		250	291	116	272	109	7	70-130/30
75-34-3	1,1-Dichloroethane	ND		250	241	96	237	95	2	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	239	96	236	94	1	70-130/30
75-35-4	1,1-Dichloroethene	ND		250	252	101	250	100	1	70-130/30
156-59-2	cis-1,2-Dichloroethene	25.0		250	258	93	262	95	2	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		250	235	94	236	94	0	70-130/30
78-87-5	1,2-Dichloropropane	ND		250	230	92	228	91	1	70-130/30
142-28-9	1,3-Dichloropropane	ND		250	231	92	228	91	1	70-130/30
594-20-7	2,2-Dichloropropane	ND		250	254	102	242	97	5	70-130/30
563-58-6	1,1-Dichloropropene	ND		250	243	97	243	97	0	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		250	254	102	260	104	2	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12560-1MS	N66060.D	5	07/27/12	JP	n/a	n/a	MSN2483
MC12560-1MSD	N66061.D	5	07/27/12	JP	n/a	n/a	MSN2483
MC12560-1	N66057.D	1	07/27/12	JP	n/a	n/a	MSN2483

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Compound	MC12560-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		250	240	96	248	99	3	70-130/30
100-41-4	Ethylbenzene	ND		250	243	97	227	91	7	70-130/30
87-68-3	Hexachlorobutadiene	ND		250	267	107	260	104	3	70-130/30
591-78-6	2-Hexanone	ND		250	250	100	240	96	4	70-130/30
74-88-4	Iodomethane	ND		250	205	82	224	90	9	70-130/30
98-82-8	Isopropylbenzene	ND		250	265	106	258	103	3	70-130/30
99-87-6	p-Isopropyltoluene	ND		250	268	107	261	104	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		250	250	100	262	105	5	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	252	101	242	97	4	70-130/30
74-95-3	Methylene bromide	ND		250	250	100	260	104	4	70-130/30
75-09-2	Methylene chloride	ND		250	225	90	226	90	0	70-130/30
91-20-3	Naphthalene	ND		250	244	98	260	104	6	70-130/30
103-65-1	n-Propylbenzene	ND		250	274	110	268	107	2	70-130/30
100-42-5	Styrene	ND		250	258	103	246	98	5	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	249	100	237	95	5	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	251	100	254	102	1	70-130/30
127-18-4	Tetrachloroethene	10.1		250	253	97	236	90	7	70-130/30
108-88-3	Toluene	ND		250	243	97	240	96	1	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		250	234	94	241	96	3	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		250	234	94	239	96	2	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		250	252	101	242	97	4	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		250	227	91	226	90	0	70-130/30
79-01-6	Trichloroethene	1.8		250	240	95	234	93	3	70-130/30
75-69-4	Trichlorofluoromethane	ND		250	250	100	234	94	7	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		250	241	96	238	95	1	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		250	252	101	245	98	3	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		250	246	98	239	96	3	70-130/30
108-05-4	Vinyl Acetate	ND		250	288	115	283	113	2	70-130/30
75-01-4	Vinyl chloride	1.1		250	234	93	235	94	0	70-130/30
	m,p-Xylene	ND		500	499	100	474	95	5	70-130/30
95-47-6	o-Xylene	ND		250	270	108	257	103	5	70-130/30
1330-20-7	Xylene (total)	ND		750	770	103	731	97	5	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12560-1MS	N66060.D	5	07/27/12	JP	n/a	n/a	MSN2483
MC12560-1MSD	N66061.D	5	07/27/12	JP	n/a	n/a	MSN2483
MC12560-1	N66057.D	1	07/27/12	JP	n/a	n/a	MSN2483

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Surrogate Recoveries	MS	MSD	MC12560-1	Limits
1868-53-7	Dibromofluoromethane	95%	99%	98%	70-130%
2037-26-5	Toluene-D8	99%	101%	100%	70-130%
460-00-4	4-Bromofluorobenzene	94%	99%	107%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12524-2MS	V10101.D	1	07/27/12	AMY	n/a	n/a	MSV422
MC12524-2MSD	V10102.D	1	07/27/12	AMY	n/a	n/a	MSV422
MC12524-2	V10089.D	1	07/27/12	AMY	n/a	n/a	MSV422

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-1, MC12526-2, MC12526-4, MC12526-5

CAS No.	Compound	MC12524-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	17.1		57.3	62.6	79	64.0	79	2	70-130/30
71-43-2	Benzene	ND		57.3	58.1	101	58.5	99	1	70-130/30
108-86-1	Bromobenzene	ND		57.3	53.2	93	52.2	88	2	70-130/30
74-97-5	Bromochloromethane	ND		57.3	66.1	115	64.4	109	3	70-130/30
75-27-4	Bromodichloromethane	ND		57.3	56.3	98	56.7	96	1	70-130/30
75-25-2	Bromoform	ND		57.3	61.8	108	60.9	103	1	70-130/30
74-83-9	Bromomethane	ND		57.3	69.6	122	70.6	120	1	70-130/30
78-93-3	2-Butanone (MEK)	ND		57.3	67.9	119	70.0	119	3	70-130/30
104-51-8	n-Butylbenzene	ND		57.3	52.9	92	50.1	85	5	70-130/30
135-98-8	sec-Butylbenzene	ND		57.3	51.8	90	50.0	85	4	70-130/30
98-06-6	tert-Butylbenzene	ND		57.3	50.1	87	48.4	82	3	70-130/30
75-15-0	Carbon disulfide	ND		57.3	53.0	93	52.4	89	1	70-130/30
56-23-5	Carbon tetrachloride	ND		57.3	55.7	97	55.2	94	1	70-130/30
108-90-7	Chlorobenzene	ND		57.3	58.5	102	57.0	97	3	70-130/30
75-00-3	Chloroethane	ND		57.3	62.5	109	64.2	109	3	70-130/30
67-66-3	Chloroform	ND		57.3	56.7	99	56.6	96	0	70-130/30
74-87-3	Chloromethane	ND		57.3	72.5	127	73.7	125	2	70-130/30
95-49-8	o-Chlorotoluene	ND		57.3	50.2	88	49.6	84	1	70-130/30
106-43-4	p-Chlorotoluene	ND		57.3	50.4	88	48.7	83	3	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		57.3	60.6	106	60.9	103	0	70-130/30
124-48-1	Dibromochloromethane	ND		57.3	56.6	99	56.9	96	1	70-130/30
106-93-4	1,2-Dibromoethane	ND		57.3	66.3	116	66.1	112	0	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		57.3	53.9	94	51.8	88	4	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		57.3	52.3	91	51.0	86	3	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		57.3	51.6	90	50.2	85	3	70-130/30
75-71-8	Dichlorodifluoromethane	ND		57.3	85.4	149* [a]	81.4	138* [a]	5	70-130/30
75-34-3	1,1-Dichloroethane	ND		57.3	56.8	99	57.8	98	2	70-130/30
107-06-2	1,2-Dichloroethane	ND		57.3	57.2	100	57.1	97	0	70-130/30
75-35-4	1,1-Dichloroethene	ND		57.3	68.3	119	66.3	112	3	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		57.3	60.3	105	60.2	102	0	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		57.3	62.0	108	61.2	104	1	70-130/30
78-87-5	1,2-Dichloropropane	ND		57.3	57.6	101	59.0	100	2	70-130/30
142-28-9	1,3-Dichloropropane	ND		57.3	61.6	108	61.3	104	0	70-130/30
594-20-7	2,2-Dichloropropane	ND		57.3	46.0	80	46.4	79	1	70-130/30
563-58-6	1,1-Dichloropropene	ND		57.3	58.5	102	57.5	97	2	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		57.3	58.4	102	58.3	99	0	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12524-2MS	V10101.D	1	07/27/12	AMY	n/a	n/a	MSV422
MC12524-2MSD	V10102.D	1	07/27/12	AMY	n/a	n/a	MSV422
MC12524-2	V10089.D	1	07/27/12	AMY	n/a	n/a	MSV422

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-1, MC12526-2, MC12526-4, MC12526-5

CAS No.	Compound	MC12524-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		57.3	55.4	97	55.5	94	0	70-130/30
100-41-4	Ethylbenzene	ND		57.3	57.2	100	55.3	94	3	70-130/30
87-68-3	Hexachlorobutadiene	ND		57.3	47.3	83	46.8	79	1	70-130/30
591-78-6	2-Hexanone	ND		57.3	72.7	127	72.2	122	1	70-130/30
74-88-4	Iodomethane	ND		57.3	51.4	90	51.7	88	1	70-130/30
98-82-8	Isopropylbenzene	ND		57.3	52.1	91	50.8	86	3	70-130/30
99-87-6	p-Isopropyltoluene	ND		57.3	52.8	92	50.8	86	4	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		57.3	55.2	96	55.4	94	0	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	0.76		57.3	72.3	125	72.3	121	0	70-130/30
74-95-3	Methylene bromide	ND		57.3	62.8	110	62.1	105	1	70-130/30
75-09-2	Methylene chloride	ND		57.3	66.0	115	66.4	112	1	70-130/30
91-20-3	Naphthalene	ND		57.3	48.8	85	56.4	96	14	70-130/30
103-65-1	n-Propylbenzene	ND		57.3	51.6	90	49.2	83	5	70-130/30
100-42-5	Styrene	ND		57.3	57.9	101	54.8	93	6	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		57.3	58.8	103	58.1	98	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		57.3	62.4	109	62.2	105	0	70-130/30
127-18-4	Tetrachloroethene	ND		57.3	61.8	108	58.3	99	6	70-130/30
108-88-3	Toluene	ND		57.3	56.9	99	56.5	96	1	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		57.3	53.6	94	52.8	89	2	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		57.3	54.3	95	52.5	89	3	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		57.3	53.6	94	53.3	90	1	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		57.3	64.5	113	65.6	111	2	70-130/30
79-01-6	Trichloroethene	ND		57.3	59.3	104	57.7	98	3	70-130/30
75-69-4	Trichlorofluoromethane	ND		57.3	54.2	95	52.3	89	4	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		57.3	61.8	108	61.3	104	1	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		57.3	52.5	92	50.7	86	3	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		57.3	51.5	90	50.2	85	3	70-130/30
108-05-4	Vinyl Acetate	ND		57.3	49.5	86	48.4	82	2	70-130/30
75-01-4	Vinyl chloride	ND		57.3	78.9	138* [a]	83.1	141* [a]	5	70-130/30
	m,p-Xylene	ND		115	118	103	114	97	3	70-130/30
95-47-6	o-Xylene	ND		57.3	59.6	104	58.0	98	3	70-130/30
1330-20-7	Xylene (total)	ND		172	177	103	172	97	3	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12524-2MS	V10101.D	1	07/27/12	AMY	n/a	n/a	MSV422
MC12524-2MSD	V10102.D	1	07/27/12	AMY	n/a	n/a	MSV422
MC12524-2	V10089.D	1	07/27/12	AMY	n/a	n/a	MSV422

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-1, MC12526-2, MC12526-4, MC12526-5

CAS No.	Surrogate Recoveries	MS	MSD	MC12524-2	Limits
1868-53-7	Dibromofluoromethane	99%	97%	96%	70-130%
2037-26-5	Toluene-D8	107%	106%	107%	70-130%
460-00-4	4-Bromofluorobenzene	88%	88%	90%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12526-6MS	V10137.D	1	07/28/12	AMY	n/a	n/a	MSV423
MC12526-6MSD	V10138.D	1	07/28/12	AMY	n/a	n/a	MSV423
MC12526-6	V10121.D	1	07/28/12	AMY	n/a	n/a	MSV423

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-6

CAS No.	Compound	MC12526-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	16.1		76.7	95.1	103	87.4	85	8	70-130/30
71-43-2	Benzene	1.2		76.7	71.2	91	77.6	91	9	70-130/30
108-86-1	Bromobenzene	ND		76.7	62.2	81	70.2	84	12	70-130/30
74-97-5	Bromochloromethane	ND		76.7	72.8	95	81.4	97	11	70-130/30
75-27-4	Bromodichloromethane	ND		76.7	69.0	90	76.7	92	11	70-130/30
75-25-2	Bromoform	ND		76.7	68.4	89	71.1	85	4	70-130/30
74-83-9	Bromomethane	ND		76.7	99.3	129	105	125	6	70-130/30
78-93-3	2-Butanone (MEK)	2.7		76.7	77.4	97	80.0	92	3	70-130/30
104-51-8	n-Butylbenzene	ND		76.7	57.8	75	71.6	85	21	70-130/30
135-98-8	sec-Butylbenzene	ND		76.7	67.1	87	77.4	92	14	70-130/30
98-06-6	tert-Butylbenzene	ND		76.7	66.4	87	72.5	87	9	70-130/30
75-15-0	Carbon disulfide	ND		76.7	65.7	86	72.3	86	10	70-130/30
56-23-5	Carbon tetrachloride	ND		76.7	69.0	90	76.6	91	10	70-130/30
108-90-7	Chlorobenzene	ND		76.7	77.7	101	83.5	100	7	70-130/30
75-00-3	Chloroethane	ND		76.7	84.8	111	91.1	109	7	70-130/30
67-66-3	Chloroform	ND		76.7	67.7	88	76.2	91	12	70-130/30
74-87-3	Chloromethane	ND		76.7	101	132* [a]	117	140* [a]	15	70-130/30
95-49-8	o-Chlorotoluene	ND		76.7	62.9	82	71.1	85	12	70-130/30
106-43-4	p-Chlorotoluene	ND		76.7	63.0	82	72.3	86	14	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		76.7	49.9	65* [a]	61.1	73	20	70-130/30
124-48-1	Dibromochloromethane	ND		76.7	66.3	86	72.7	87	9	70-130/30
106-93-4	1,2-Dibromoethane	ND		76.7	70.7	92	74.8	89	6	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		76.7	61.2	80	74.7	89	20	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		76.7	64.9	85	76.4	91	16	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		76.7	58.6	76	69.6	83	17	70-130/30
75-71-8	Dichlorodifluoromethane	ND		76.7	119	155* [a]	124	148* [a]	4	70-130/30
75-34-3	1,1-Dichloroethane	ND		76.7	68.6	89	77.1	92	12	70-130/30
107-06-2	1,2-Dichloroethane	ND		76.7	67.4	88	72.6	87	7	70-130/30
75-35-4	1,1-Dichloroethene	ND		76.7	84.9	111	92.2	110	8	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		76.7	73.0	95	79.3	95	8	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		76.7	75.0	98	84.8	101	12	70-130/30
78-87-5	1,2-Dichloropropane	ND		76.7	68.6	89	75.9	91	10	70-130/30
142-28-9	1,3-Dichloropropane	ND		76.7	67.1	87	71.3	85	6	70-130/30
594-20-7	2,2-Dichloropropane	ND		76.7	57.0	74	65.4	78	14	70-130/30
563-58-6	1,1-Dichloropropene	ND		76.7	71.8	94	80.4	96	11	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		76.7	65.2	85	72.9	87	11	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12526-6MS	V10137.D	1	07/28/12	AMY	n/a	n/a	MSV423
MC12526-6MSD	V10138.D	1	07/28/12	AMY	n/a	n/a	MSV423
MC12526-6	V10121.D	1	07/28/12	AMY	n/a	n/a	MSV423

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-6

CAS No.	Compound	MC12526-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		76.7	64.1	84	72.1	86	12	70-130/30
100-41-4	Ethylbenzene	ND		76.7	70.0	91	76.2	91	8	70-130/30
87-68-3	Hexachlorobutadiene	ND		76.7	62.9	82	75.5	90	18	70-130/30
591-78-6	2-Hexanone	ND		76.7	65.5	85	64.6	77	1	70-130/30
74-88-4	Iodomethane	ND		76.7	64.6	84	71.0	85	9	70-130/30
98-82-8	Isopropylbenzene	ND		76.7	62.0	81	74.8	89	19	70-130/30
99-87-6	p-Isopropyltoluene	ND		76.7	66.5	87	75.9	91	13	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		76.7	58.1	76	64.8	77	11	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		76.7	55.8	73	62.0	74	11	70-130/30
74-95-3	Methylene bromide	ND		76.7	68.3	89	75.7	90	10	70-130/30
75-09-2	Methylene chloride	ND		76.7	72.6	95	80.5	96	10	70-130/30
91-20-3	Naphthalene	ND		76.7	38.6	50* [a]	46.5	55* [a]	19	70-130/30
103-65-1	n-Propylbenzene	ND		76.7	61.7	80	73.5	88	17	70-130/30
100-42-5	Styrene	ND		76.7	81.3	106	78.9	94	3	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		76.7	72.2	94	78.9	94	9	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		76.7	56.6	74	63.6	76	12	70-130/30
127-18-4	Tetrachloroethene	ND		76.7	76.4	100	82.7	99	8	70-130/30
108-88-3	Toluene	ND		76.7	70.5	92	77.1	92	9	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		76.7	57.0	74	71.0	85	22	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		76.7	58.1	76	72.3	86	22	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		76.7	65.5	85	72.8	87	11	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		76.7	70.0	91	76.7	92	9	70-130/30
79-01-6	Trichloroethene	ND		76.7	71.5	93	77.8	93	8	70-130/30
75-69-4	Trichlorofluoromethane	ND		76.7	61.9	81	68.3	81	10	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		76.7	49.1	64* [a]	61.5	73	22	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		76.7	60.5	79	71.1	85	16	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		76.7	59.3	77	67.0	80	12	70-130/30
108-05-4	Vinyl Acetate	ND		76.7	58.7	76	71.3	85	19	70-130/30
75-01-4	Vinyl chloride	ND		76.7	82.0	107	93.7	112	13	70-130/30
	m,p-Xylene	ND		153	150	98	163	97	8	70-130/30
95-47-6	o-Xylene	ND		76.7	86.7	113	88.2	105	2	70-130/30
1330-20-7	Xylene (total)	ND		230	237	103	251	100	6	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12526-6MS	V10137.D	1	07/28/12	AMY	n/a	n/a	MSV423
MC12526-6MSD	V10138.D	1	07/28/12	AMY	n/a	n/a	MSV423
MC12526-6	V10121.D	1	07/28/12	AMY	n/a	n/a	MSV423

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-6

CAS No.	Surrogate Recoveries	MS	MSD	MC12526-6	Limits
1868-53-7	Dibromofluoromethane	114%	96%	98%	70-130%
2037-26-5	Toluene-D8	131%* [a]	108%	107%	70-130%
460-00-4	4-Bromofluorobenzene	97%	86%	90%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12526-3MS	V10150.D	1	07/30/12	AMY	n/a	n/a	MSV424
MC12526-3MSD	V10151.D	1	07/30/12	AMY	n/a	n/a	MSV424
MC12526-3	V10147.D	1	07/30/12	AMY	n/a	n/a	MSV424

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-3

CAS No.	Compound	MC12526-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	11.2		72.8	72.3	84	84.8	117	16	70-130/30
71-43-2	Benzene	ND		72.8	56.9	78	56.6	90	1	70-130/30
108-86-1	Bromobenzene	ND		72.8	62.5	86	64.3	103	3	70-130/30
74-97-5	Bromochloromethane	ND		72.8	55.6	76	60.7	97	9	70-130/30
75-27-4	Bromodichloromethane	ND		72.8	55.5	76	54.9	88	1	70-130/30
75-25-2	Bromoform	ND		72.8	64.3	88	61.4	98	5	70-130/30
74-83-9	Bromomethane	ND		72.8	70.4	97	71.8	115	2	70-130/30
78-93-3	2-Butanone (MEK)	ND		72.8	67.1	92	70.5	113	5	70-130/30
104-51-8	n-Butylbenzene	ND		72.8	60.6	83	60.6	97	0	70-130/30
135-98-8	sec-Butylbenzene	ND		72.8	66.7	92	69.3	111	4	70-130/30
98-06-6	tert-Butylbenzene	ND		72.8	62.8	86	67.6	108	7	70-130/30
75-15-0	Carbon disulfide	2.0		72.8	40.4	53* [a]	54.6	84	30	70-130/30
56-23-5	Carbon tetrachloride	ND		72.8	55.9	77	55.9	89	0	70-130/30
108-90-7	Chlorobenzene	ND		72.8	66.6	91	65.2	104	2	70-130/30
75-00-3	Chloroethane	ND		72.8	62.6	86	65.8	105	5	70-130/30
67-66-3	Chloroform	ND		72.8	47.7	66* [a]	54.0	86	12	70-130/30
74-87-3	Chloromethane	ND		72.8	73.9	101	69.8	111	6	70-130/30
95-49-8	o-Chlorotoluene	ND		72.8	62.4	86	65.0	104	4	70-130/30
106-43-4	p-Chlorotoluene	ND		72.8	63.3	87	64.9	104	2	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		72.8	67.0	92	63.2	101	6	70-130/30
124-48-1	Dibromochloromethane	ND		72.8	61.6	85	61.0	97	1	70-130/30
106-93-4	1,2-Dibromoethane	ND		72.8	69.0	95	68.7	110	0	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		72.8	63.6	87	62.3	99	2	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		72.8	65.4	90	65.1	104	0	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		72.8	59.4	82	58.8	94	1	70-130/30
75-71-8	Dichlorodifluoromethane	ND		72.8	83.7	115	79.1	126	6	70-130/30
75-34-3	1,1-Dichloroethane	ND		72.8	42.7	59* [a]	55.0	88	25	70-130/30
107-06-2	1,2-Dichloroethane	ND		72.8	56.3	77	55.4	88	2	70-130/30
75-35-4	1,1-Dichloroethene	ND		72.8	58.0	80	68.8	110	17	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		72.8	55.5	76	57.3	91	3	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		72.8	43.7	60* [a]	58.7	94	29	70-130/30
78-87-5	1,2-Dichloropropane	ND		72.8	55.5	76	55.4	88	0	70-130/30
142-28-9	1,3-Dichloropropane	ND		72.8	63.8	88	63.7	102	0	70-130/30
594-20-7	2,2-Dichloropropane	ND		72.8	44.2	61* [a]	48.2	77	9	70-130/30
563-58-6	1,1-Dichloropropene	ND		72.8	59.7	82	58.1	93	3	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		72.8	53.2	73	53.3	85	0	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12526-3MS	V10150.D	1	07/30/12	AMY	n/a	n/a	MSV424
MC12526-3MSD	V10151.D	1	07/30/12	AMY	n/a	n/a	MSV424
MC12526-3	V10147.D	1	07/30/12	AMY	n/a	n/a	MSV424

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-3

CAS No.	Compound	MC12526-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		72.8	56.7	78	55.3	88	3	70-130/30
100-41-4	Ethylbenzene	ND		72.8	61.1	84	60.8	97	0	70-130/30
87-68-3	Hexachlorobutadiene	ND		72.8	58.1	80	52.7	84	10	70-130/30
591-78-6	2-Hexanone	ND		72.8	73.1	100	72.5	116	1	70-130/30
74-88-4	Iodomethane	ND		72.8	36.3	50* [a]	49.7	79	31* [b]	70-130/30
98-82-8	Isopropylbenzene	ND		72.8	66.1	91	70.8	113	7	70-130/30
99-87-6	p-Isopropyltoluene	ND		72.8	65.5	90	68.2	109	4	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		72.8	41.6	57* [a]	53.5	85	25	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		72.8	66.7	92	68.5	109	3	70-130/30
74-95-3	Methylene bromide	ND		72.8	60.1	83	58.8	94	2	70-130/30
75-09-2	Methylene chloride	ND		72.8	45.7	63* [a]	61.4	98	29	70-130/30
91-20-3	Naphthalene	ND		72.8	31.7	44* [a]	25.1	40* [a]	23	70-130/30
103-65-1	n-Propylbenzene	ND		72.8	64.8	89	69.0	110	6	70-130/30
100-42-5	Styrene	ND		72.8	53.9	74	44.4	71	19	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		72.8	62.7	86	62.8	100	0	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		72.8	69.0	95	72.8	116	5	70-130/30
127-18-4	Tetrachloroethene	ND		72.8	69.3	95	69.6	111	0	70-130/30
108-88-3	Toluene	ND		72.8	55.5	76	55.7	89	0	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		72.8	47.1	65* [a]	38.0	61* [a]	21	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		72.8	52.5	72	44.2	71	17	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		72.8	48.4	66* [a]	53.6	86	10	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		72.8	61.6	85	59.7	95	3	70-130/30
79-01-6	Trichloroethene	ND		72.8	62.3	86	66.5	106	7	70-130/30
75-69-4	Trichlorofluoromethane	ND		72.8	54.5	75	54.9	88	1	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		72.8	67.1	92	71.0	113	6	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		72.8	60.4	83	61.8	99	2	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		72.8	59.0	81	61.0	97	3	70-130/30
108-05-4	Vinyl Acetate	ND		72.8	46.9	64* [a]	52.4	84	11	70-130/30
75-01-4	Vinyl chloride	ND		72.8	62.3	86	72.5	116	15	70-130/30
	m,p-Xylene	ND		146	131	90	131	105	0	70-130/30
95-47-6	o-Xylene	ND		72.8	68.2	94	66.8	107	2	70-130/30
1330-20-7	Xylene (total)	ND		218	199	91	198	105	1	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC12526-3MS	V10150.D	1	07/30/12	AMY	n/a	n/a	MSV424
MC12526-3MSD	V10151.D	1	07/30/12	AMY	n/a	n/a	MSV424
MC12526-3	V10147.D	1	07/30/12	AMY	n/a	n/a	MSV424

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC12526-3

CAS No.	Surrogate Recoveries	MS	MSD	MC12526-3	Limits
1868-53-7	Dibromofluoromethane	79%	89%	87%	70-130%
2037-26-5	Toluene-D8	97%	99%	98%	70-130%
460-00-4	4-Bromofluorobenzene	95%	101%	95%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.
(b) High RPD due to possible matrix interference and/or sample non-homogeneity.

* = Outside of Control Limits.

Volatile Surrogate Recovery Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC12526-7	N66072.D	90.0	101.0	101.0
MC12526-8	N66073.D	89.0	100.0	96.0
MC12526-9	N66074.D	89.0	97.0	97.0
MC12526-10	N66075.D	90.0	99.0	97.0
MC12526-11	N66076.D	95.0	98.0	97.0
MC12560-1MS	N66060.D	95.0	99.0	94.0
MC12560-1MSD	N66061.D	99.0	101.0	99.0
MSN2483-BS	N66051.D	94.0	100.0	98.0
MSN2483-BSD	N66052.D	93.0	99.0	93.0
MSN2483-MB	N66054.D	92.0	99.0	102.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

Volatile Surrogate Recovery Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC12526-1	V10096.D	97.0	108.0	93.0
MC12526-2	V10097.D	94.0	106.0	86.0
MC12526-3	V10147.D	87.0	98.0	95.0
MC12526-4	V10099.D	96.0	106.0	87.0
MC12526-5	V10100.D	98.0	108.0	90.0
MC12526-6	V10121.D	98.0	107.0	90.0
MC12524-2MS	V10101.D	99.0	107.0	88.0
MC12524-2MSD	V10102.D	97.0	106.0	88.0
MC12526-3MS	V10150.D	79.0	97.0	95.0
MC12526-3MSD	V10151.D	89.0	99.0	101.0
MC12526-6MS	V10137.D	114.0	131.0* [a]	97.0
MC12526-6MSD	V10138.D	96.0	108.0	86.0
MSV422-BS	V10082.D	88.0	97.0	81.0
MSV422-MB	V10084.D	96.0	108.0	91.0
MSV423-BS	V10116.D	101.0	109.0	88.0
MSV423-MB	V10118.D	97.0	107.0	87.0
MSV424-BS	V10143.D	90.0	100.0	89.0
MSV424-BSD	V10144.D	93.0	102.0	83.0
MSV424-MB	V10146.D	87.0	101.0	81.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

New England ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29777-MB	U8815.D	1	07/27/12	KR	07/24/12	OP29777	MSU497

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	24	ug/kg	
208-96-8	Acenaphthylene	ND	24	ug/kg	
120-12-7	Anthracene	ND	24	ug/kg	
56-55-3	Benzo(a)anthracene	ND	24	ug/kg	
50-32-8	Benzo(a)pyrene	ND	24	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	24	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	24	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	24	ug/kg	
218-01-9	Chrysene	ND	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	24	ug/kg	
206-44-0	Fluoranthene	ND	24	ug/kg	
86-73-7	Fluorene	ND	24	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	24	ug/kg	
91-57-6	2-Methylnaphthalene	ND	24	ug/kg	
91-20-3	Naphthalene	ND	24	ug/kg	
85-01-8	Phenanthrene	ND	24	ug/kg	
129-00-0	Pyrene	ND	24	ug/kg	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	49%	30-130%
321-60-8	2-Fluorobiphenyl	50%	30-130%
1718-51-0	Terphenyl-d14	112%	30-130%

Method Blank Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29798-MB	U8774.D	1	07/26/12	KR	07/25/12	OP29798	MSU496

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	0.10	ug/l	
208-96-8	Acenaphthylene	ND	0.10	ug/l	
120-12-7	Anthracene	ND	0.10	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.050	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.050	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.10	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.10	ug/l	
218-01-9	Chrysene	ND	0.10	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	ug/l	
206-44-0	Fluoranthene	ND	0.10	ug/l	
86-73-7	Fluorene	ND	0.10	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	ug/l	
91-57-6	2-Methylnaphthalene	ND	0.20	ug/l	
91-20-3	Naphthalene	ND	0.10	ug/l	
85-01-8	Phenanthrene	ND	0.050	ug/l	
129-00-0	Pyrene	ND	0.10	ug/l	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	71%	30-130%
321-60-8	2-Fluorobiphenyl	68%	30-130%
1718-51-0	Terphenyl-d14	67%	30-130%

Blank Spike Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29777-BS	U8816.D	1	07/27/12	KR	07/24/12	OP29777	MSU497

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	2440	1400	57	40-140
208-96-8	Acenaphthylene	2440	1020	42	40-140
120-12-7	Anthracene	2440	1630	67	40-140
56-55-3	Benzo(a)anthracene	2440	2640	108	40-140
50-32-8	Benzo(a)pyrene	2440	3130	128	40-140
205-99-2	Benzo(b)fluoranthene	2440	3560	146* [a]	40-140
191-24-2	Benzo(g,h,i)perylene	2440	3180	131	40-140
207-08-9	Benzo(k)fluoranthene	2440	3770	155* [a]	40-140
218-01-9	Chrysene	2440	2440	100	40-140
53-70-3	Dibenzo(a,h)anthracene	2440	3280	135	40-140
206-44-0	Fluoranthene	2440	2310	95	40-140
86-73-7	Fluorene	2440	1530	63	40-140
193-39-5	Indeno(1,2,3-cd)pyrene	2440	3270	134	40-140
91-57-6	2-Methylnaphthalene	2440	1110	46	40-140
91-20-3	Naphthalene	2440	1050	43	40-140
85-01-8	Phenanthrene	2440	1680	69	40-140
129-00-0	Pyrene	2440	2200	90	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	44%	30-130%
321-60-8	2-Fluorobiphenyl	51%	30-130%
1718-51-0	Terphenyl-d14	115%	30-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29798-BS	U8775.D	1	07/26/12	KR	07/25/12	OP29798	MSU496

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
83-32-9	Acenaphthene	50	35.9	72	40-140
208-96-8	Acenaphthylene	50	26.5	53	40-140
120-12-7	Anthracene	50	38.0	76	40-140
56-55-3	Benzo(a)anthracene	50	39.4	79	40-140
50-32-8	Benzo(a)pyrene	50	34.9	70	40-140
205-99-2	Benzo(b)fluoranthene	50	40.0	80	40-140
191-24-2	Benzo(g,h,i)perylene	50	35.2	70	40-140
207-08-9	Benzo(k)fluoranthene	50	42.4	85	40-140
218-01-9	Chrysene	50	35.7	71	40-140
53-70-3	Dibenzo(a,h)anthracene	50	36.0	72	40-140
206-44-0	Fluoranthene	50	36.5	73	40-140
86-73-7	Fluorene	50	38.1	76	40-140
193-39-5	Indeno(1,2,3-cd)pyrene	50	35.8	72	40-140
91-57-6	2-Methylnaphthalene	50	29.7	59	40-140
91-20-3	Naphthalene	50	31.0	62	40-140
85-01-8	Phenanthrene	50	38.5	77	40-140
129-00-0	Pyrene	50	34.8	70	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	74%	30-130%
321-60-8	2-Fluorobiphenyl	66%	30-130%
1718-51-0	Terphenyl-d14	70%	30-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29777-MS	U8817.D	1	07/27/12	KR	07/24/12	OP29777	MSU497
OP29777-MSD	U8818.D	1	07/27/12	KR	07/24/12	OP29777	MSU497
MC12504-2	U8820.D	1	07/27/12	KR	07/24/12	OP29777	MSU497
MC12504-2 [a]	U8848.D	1	07/27/12	KR	07/24/12	OP29777	MSU497

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

CAS No.	Compound	MC12504-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	2.9		3020	1620	54	1680	56	4	40-140/30
208-96-8	Acenaphthylene	2.2		3020	1180	39* [b]	1210	40	3	40-140/30
120-12-7	Anthracene	2.3		3020	2070	68	2140	71	3	40-140/30
56-55-3	Benzo(a)anthracene	8.5		3020	3170	105	3310	110	4	40-140/30
50-32-8	Benzo(a)pyrene	ND		3020	3780	125	3960	132	5	40-140/30
205-99-2	Benzo(b)fluoranthene	ND		3020	4190	139	4460	149* [b]	6	40-140/30
191-24-2	Benzo(g,h,i)perylene	ND		3020	3880	128	4090	136	5	40-140/30
207-08-9	Benzo(k)fluoranthene	ND		3020	4640	154* [b]	4820	161* [b]	4	40-140/30
218-01-9	Chrysene	2.2		3020	2910	96	3050	102	5	40-140/30
53-70-3	Dibenzo(a,h)anthracene	ND		3020	4000	132	4180	140	4	40-140/30
206-44-0	Fluoranthene	3.9		3020	2770	92	2900	97	5	40-140/30
86-73-7	Fluorene	ND		3020	1790	59	1870	62	4	40-140/30
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3020	3990	132	4190	140	5	40-140/30
91-57-6	2-Methylnaphthalene	5.4		3020	1430	47	1370	46	4	40-140/30
91-20-3	Naphthalene	5.7		3020	1450	48	1380	46	5	40-140/30
85-01-8	Phenanthrene	4.8		3020	2070	68	2140	71	3	40-140/30
129-00-0	Pyrene	3.3		3020	2670	88	2760	92	3	40-140/30

CAS No.	Surrogate Recoveries	MS	MSD	MC12504-2	MC12504-2	Limits
4165-60-0	Nitrobenzene-d5	51%	50%	53%	53%	30-130%
321-60-8	2-Fluorobiphenyl	50%	50%	56%	56%	30-130%
1718-51-0	Terphenyl-d14	110%	116%	115%	113%	30-130%

(a) Confirmation run for internal standard areas.
(b) Outside control limits due to possible matrix interference. Refer to Blank Spike.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29798-MS	U8776.D	1	07/26/12	KR	07/25/12	OP29798	MSU496
OP29798-MSD	U8777.D	1	07/26/12	KR	07/25/12	OP29798	MSU496
MC12500-5	U8778.D	1	07/26/12	KR	07/25/12	OP29798	MSU496

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

CAS No.	Compound	MC12500-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	ND		50	37.5	75	37.8	76	1	40-140/20
208-96-8	Acenaphthylene	ND		50	27.9	56	28.2	56	1	40-140/20
120-12-7	Anthracene	ND		50	39.0	78	39.3	79	1	40-140/20
56-55-3	Benzo(a)anthracene	ND		50	40.5	81	40.5	81	0	40-140/20
50-32-8	Benzo(a)pyrene	ND		50	35.4	71	35.0	70	1	40-140/20
205-99-2	Benzo(b)fluoranthene	ND		50	39.4	79	39.4	79	0	40-140/20
191-24-2	Benzo(g,h,i)perylene	ND		50	35.3	71	35.6	71	1	40-140/20
207-08-9	Benzo(k)fluoranthene	ND		50	43.6	87	43.0	86	1	40-140/20
218-01-9	Chrysene	ND		50	35.9	72	36.3	73	1	40-140/20
53-70-3	Dibenzo(a,h)anthracene	ND		50	36.6	73	36.3	73	1	40-140/20
206-44-0	Fluoranthene	ND		50	36.9	74	37.9	76	3	40-140/20
86-73-7	Fluorene	ND		50	38.9	78	39.0	78	0	40-140/20
193-39-5	Indeno(1,2,3-cd)pyrene	ND		50	36.4	73	36.2	72	1	40-140/20
91-57-6	2-Methylnaphthalene	ND		50	31.8	64	32.7	65	3	40-140/20
91-20-3	Naphthalene	0.063		50	31.8	63	33.1	66	4	40-140/20
85-01-8	Phenanthrene	ND		50	39.6	79	40.2	80	2	40-140/20
129-00-0	Pyrene	ND		50	35.6	71	36.3	73	2	40-140/20

CAS No.	Surrogate Recoveries	MS	MSD	MC12500-5	Limits
4165-60-0	Nitrobenzene-d5	75%	78%	72%	30-130%
321-60-8	2-Fluorobiphenyl	66%	72%	70%	30-130%
1718-51-0	Terphenyl-d14	74%	74%	68%	30-130%

* = Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Method: SW846 8270C BY SIM **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC12526-7	U8782.D	72.0	71.0	57.0
MC12526-8	U8783.D	64.0	61.0	61.0
MC12526-9	U8784.D	72.0	69.0	64.0
MC12526-10	U8785.D	72.0	66.0	43.0
MC12526-11	U8786.D	76.0	74.0	55.0
OP29798-BS	U8775.D	74.0	66.0	70.0
OP29798-MB	U8774.D	71.0	68.0	67.0
OP29798-MS	U8776.D	75.0	66.0	74.0
OP29798-MSD	U8777.D	78.0	72.0	74.0

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	30-130%
S2 = 2-Fluorobiphenyl	30-130%
S3 = Terphenyl-d14	30-130%

Semivolatile Surrogate Recovery Summary

Job Number: MC12526
Account: EBIMAB EBI Consulting
Project: 72 Box Street, Brooklyn, NY

Method: SW846 8270C BY SIM **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC12526-1	U8837.D	66.0	78.0	94.0
MC12526-2	U8838.D	56.0	57.0	93.0
MC12526-3	U8839.D	50.0	50.0	91.0
MC12526-4	U8840.D	53.0	56.0	89.0
MC12526-5	U8841.D	44.0	44.0	78.0
MC12526-6	U8842.D	45.0	56.0	85.0
OP29777-BS	U8816.D	44.0	51.0	115.0
OP29777-MB	U8815.D	49.0	50.0	112.0
OP29777-MS	U8817.D	51.0	50.0	110.0
OP29777-MSD	U8818.D	50.0	50.0	116.0

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	30-130%
S2 = 2-Fluorobiphenyl	30-130%
S3 = Terphenyl-d14	30-130%

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19390
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 07/26/12

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	11	21		
Antimony	6.0	.68	1.7		
Arsenic	4.0	.83	1.9	0.10	<4.0
Barium	50	.27	.65	1.1	<50
Beryllium	4.0	.14	.28		
Boron	100	.43	.59		
Cadmium	4.0	.09	.21	0.30	<4.0
Calcium	5000	12	17		
Chromium	10	.63	1.1	-0.10	<10
Cobalt	50	.13	.4		
Copper	25	.95	1.7		
Gold	50	1.4	2.7		
Iron	100	6.7	11		
Lead	5.0	.93	2.1	0.0	<5.0
Magnesium	5000	30	60		
Manganese	15	.31	.54		
Molybdenum	100	.31	1.5		
Nickel	40	.23	.7		
Palladium	50	1.8	7.9		
Platinum	50	4.7	9.6		
Potassium	5000	42	190		
Selenium	10	1.5	2	0.80	<10
Silicon	100	7.5	8.4		
Silver	5.0	.53	1.3	0.40	<5.0
Sodium	5000	27	40		
Strontium	10	.23	.35		
Thallium	5.0	.8	1.4		
Tin	100	.39	.91		
Titanium	50	.53	1.1		
Tungsten	100	5.3	14		
Vanadium	10	.85	1.3		
Zinc	20	.33	4		

Associated samples MP19390: MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19390
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19390
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 07/26/12

Metal	MC12517-5 Original	MS	Spikelot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.0	502	500	100.4	75-125
Barium	19.3	1970	2000	97.5	75-125
Beryllium					
Boron					
Cadmium	0.10	501	500	100.2	75-125
Calcium					
Chromium	0.0	512	500	102.4	75-125
Cobalt					
Copper					
Gold					
Iron					
Lead	0.0	961	1000	96.1	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel					
Palladium					
Platinum					
Potassium					
Selenium	0.0	492	500	98.4	75-125
Silicon					
Silver	0.0	209	200	104.5	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

Associated samples MP19390: MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19390
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19390
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 07/26/12

Metal	MC12517-5 Original	MSD	Spikelot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0	499	500	99.8	0.6	20
Barium	19.3	1910	2000	94.5	3.1	20
Beryllium						
Boron						
Cadmium	0.10	497	500	99.4	0.8	20
Calcium						
Chromium	0.0	509	500	101.8	0.6	20
Cobalt						
Copper						
Gold						
Iron						
Lead	0.0	938	1000	93.8	2.4	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Palladium						
Platinum						
Potassium						
Selenium	0.0	487	500	97.4	1.0	20
Silicon						
Silver	0.0	207	200	103.5	1.0	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

Associated samples MP19390: MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19390
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19390
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:		07/26/12				07/26/12			
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony									
Arsenic	492	500	98.4	80-120	489	500	97.8	0.6	20
Barium	1940	2000	97.0	80-120	1910	2000	95.5	1.6	20
Beryllium									
Boron									
Cadmium	493	500	98.6	80-120	492	500	98.4	0.2	20
Calcium									
Chromium	516	500	103.2	80-120	510	500	102.0	1.2	20
Cobalt									
Copper									
Gold									
Iron									
Lead	959	1000	95.9	80-120	966	1000	96.6	0.7	20
Magnesium									
Manganese									
Molybdenum									
Nickel									
Palladium									
Platinum									
Potassium									
Selenium	484	500	96.8	80-120	483	500	96.6	0.2	20
Silicon									
Silver	208	200	104.0	80-120	205	200	102.5	1.5	20
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									
Zinc									

Associated samples MP19390: MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19390
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19390
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 07/26/12

Metal	MC12517-5 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium	19.3	18.9	2.1	0-10
Beryllium				
Boron				
Cadmium	0.100	0.500	400.0(a)	0-10
Calcium				
Chromium	0.00	0.00	NC	0-10
Cobalt				
Copper				
Gold				
Iron				
Lead	0.00	0.00	NC	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP19390: MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19390
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 07/26/12

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	1.1	2.3		
Antimony	1.0	.068	.14		
Arsenic	1.0	.083	.17	-0.10	<1.0
Barium	5.0	.027	.07	0.020	<5.0
Beryllium	0.40	.014	.04		
Boron	10	.043	.089		
Cadmium	0.40	.009	.022	0.0	<0.40
Calcium	500	1.2	1.7		
Chromium	1.0	.063	.11	-0.010	<1.0
Cobalt	5.0	.013	.04		
Copper	2.5	.095	.17		
Gold	5.0	.14	.2		
Iron	10	.67	1.8		
Lead	1.0	.093	.2	-0.010	<1.0
Magnesium	500	3	4		
Manganese	1.5	.031	.26		
Molybdenum	10	.031	.062		
Nickel	4.0	.023	.059		
Palladium	5.0	.18	.34		
Platinum	5.0	.47	.87		
Potassium	500	4.2	5.8		
Selenium	1.0	.15	.15	0.060	<1.0
Silicon	10	.75	.75		
Silver	0.50	.053	.078	-0.020	<0.50
Sodium	500	2.7	2.7		
Strontium	1.0	.023	.04		
Thallium	1.0	.08	.12		
Tin	10	.039	.1		
Titanium	5.0	.053	.11		
Tungsten	10	.53	1.3		
Vanadium	1.0	.085	.12		
Zinc	2.0	.033	.25		

Associated samples MP19392: MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 07/26/12

Metal	MC12544-5 Original	MS	Spikelot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	14.1	57.5	52.2	83.2	75-125
Barium	299	480	209	86.7	75-125
Beryllium					
Boron					
Cadmium	1.8	49.4	52.2	91.2	75-125
Calcium					
Chromium	30.2	77.9	52.2	91.4	75-125
Cobalt					
Copper					
Gold					
Iron					
Lead	1070	1030	104	-38.3(a)	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel					
Palladium					
Platinum					
Potassium					
Selenium	0.59	46.2	52.2	87.4	75-125
Silicon					
Silver	0.71	21.3	20.9	98.6	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

Associated samples MP19392: MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 07/26/12

Metal	MC12544-5 Original	MSD	Spikelot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	14.1	58.3	52.2	84.7	1.4	20
Barium	299	523	209	107.3	8.6	20
Beryllium						
Boron						
Cadmium	1.8	49.8	52.2	92.0	0.8	20
Calcium						
Chromium	30.2	81.0	52.2	97.3	3.9	20
Cobalt						
Copper						
Gold						
Iron						
Lead	1070	1250	104	172.5(a)	19.3	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Palladium						
Platinum						
Potassium						
Selenium	0.59	45.9	52.2	86.8	0.7	20
Silicon						
Silver	0.71	21.4	20.9	99.1	0.5	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

Associated samples MP19392: MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:			07/26/12				07/26/12		
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony									
Arsenic	47.8	50	95.6	80-120	47.3	50	94.6	1.1	20
Barium	189	200	94.5	80-120	190	200	95.0	0.5	20
Beryllium									
Boron									
Cadmium	48.2	50	96.4	80-120	47.7	50	95.4	1.0	20
Calcium									
Chromium	50.3	50	100.6	80-120	50.0	50	100.0	0.6	20
Cobalt									
Copper									
Gold									
Iron									
Lead	95.9	100	95.9	80-120	93.6	100	93.6	2.4	20
Magnesium									
Manganese									
Molybdenum									
Nickel									
Palladium									
Platinum									
Potassium									
Selenium	47.1	50	94.2	80-120	46.1	50	92.2	2.1	20
Silicon									
Silver	20.2	20	101.0	80-120	20.2	20	101.0	0.0	20
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									
Zinc									

Associated samples MP19392: MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 07/26/12

Metal	LCS Result	Spikelot MPLCS76	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	155	168	92.3	83-117
Barium	192	213	90.1	83-117
Beryllium				
Boron				
Cadmium	95.5	103	92.7	84-116
Calcium				
Chromium	112	119	94.1	82-118
Cobalt				
Copper				
Gold				
Iron				
Lead	68.0	76.9	88.4	81-119
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	115	126	91.3	80-121
Silicon				
Silver	41.3	42.3	97.6	66-134
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP19392: MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 07/26/12

Metal	MC12544-5 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	135	136	1.0	0-10
Barium	2870	2940	2.6	0-10
Beryllium				
Boron				
Cadmium	17.4	17.4	0.0	0-10
Calcium				
Chromium	290	301	3.8	0-10
Cobalt				
Copper				
Gold				
Iron				
Lead	10200	10400	1.8	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel				
Palladium				
Platinum				
Potassium				
Selenium	5.70	11.7	105.3(a)	0-10
Silicon				
Silver	6.80	7.40	8.8	0-10
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

Associated samples MP19392: MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19392
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19393
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 07/26/12

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.011	.062	0.024	<0.20

Associated samples MP19393: MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19393
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 07/26/12

Metal	MC12410-4 Original	MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0	3.2	3	106.7	75-125

Associated samples MP19393: MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19393 Methods: SW846 7470A
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 07/26/12

Metal	MC12410-4 Original	MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	3.1	3	103.3	3.2	20

Associated samples MP19393: MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19393
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 07/26/12 07/26/12

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	BSD Result	Spikelot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	3.0	3	100.0	80-120	3.0	3	100.0	0.0	20

Associated samples MP19393: MC12526-7, MC12526-8, MC12526-9, MC12526-10, MC12526-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19399
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 07/27/12

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.0035	.012	0.0097	<0.033

Associated samples MP19399: MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19399
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 07/27/12

Metal	MC12518-13 Original	MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	3.1	3.6	0.525	95.2	75-125

Associated samples MP19399: MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19399 Methods: SW846 7471B
Matrix Type: SOLID Units: mg/kg

Prep Date: 07/27/12

Metal	MC12518-13 Original	MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	3.1	4.1	0.525	190.3(a)	13.0	20

Associated samples MP19399: MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19399
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date:			07/27/12				07/27/12		
Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	BSD Result	Spikelot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	0.50	0.5	100.0	80-120	0.50	0.5	100.0	0.0	30

Associated samples MP19399: MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC12526
Account: EBIMAB - EBI Consulting
Project: 72 Box Street, Brooklyn, NY

QC Batch ID: MP19399
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 07/27/12

Metal	LCS Result	Spikelot HGLCS76	% Rec	QC Limits
Mercury	25.8	25.1	102.8	72-128

Associated samples MP19399: MC12526-1, MC12526-2, MC12526-3, MC12526-4, MC12526-5, MC12526-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

APPENDIX E
OTHER RELEVANT DOCUMENTS

ENVIROPROBE SERVICE INCORPORATED

GEOPHYSICAL INVESTIGATION REPORT

PERFORMED AT:

72 Box St.
Brooklyn, NY 11222

PREPARED FOR:

Sean Dunn
EBI Consulting
6876 Susquehanna Trail
York, PA 17403

PREPARED BY:

Ken Lindes
Geophysical Technician
Enviroprobe Service, Inc.
908 N. Lenola Road
Moorestown, NJ 08057
(856) 858-8584
(800) 596-7472

July 20, 2012

1.0 INTRODUCTION

Enviroprobe Service, Inc. (Enviroprobe) is an environmental investigation services firm which provides monitoring well installation (HSA), Geoprobe (DPT) drilling services and Environmental & Engineering Geophysics (EEG) services to the environmental consulting and engineering community.

Enviroprobe conducted a subsurface geophysical investigation at the subject property within client-specified areas of concern. Due to conditions and objectives, the investigation utilized a Radiodetection RD1000 cart-mounted Ground Penetrating Radar (GPR) unit with a 250 MHz antenna, a Radiodetection 8000T3 multi-frequency transmitter, a Radiodetection 8000 receiver, and a Fisher TW-6 metallic locator.

Ground penetrating radar (commonly called GPR) is a geophysical method that has been developed over the past thirty years for shallow, high-resolution, subsurface investigations of the earth. GPR uses high frequency pulsed electromagnetic waves (generally 10 MHz to 2,000 MHz) to acquire subsurface information. An EM wave is propagated downward into the ground by a transmitting antenna. Where abrupt changes in electrical properties occur in the subsurface, a portion of the energy is reflected back to the surface. This reflected wave is detected by a receiver antenna and transmitted to a control unit for real time processing and display. The penetration depth of the RD1000 unit varies from several inches to tens of feet according to site-specific conditions. The penetration depth decreases with increased soil conductivity. The penetration depth is the greatest in ice, dry sands, and fine gravels. Clayey, highly saline or saturated soils, areas covered by concrete, foundry slag, or other highly conductive materials greatly reduce GPR penetration. GPR is a method that is commonly used for environmental, engineering, archaeological, and other shallow investigations.

The Radiodetection (RD) transmitter and receiver are commonly used for pipe and cable locating. The multi-frequency transmitter can be directly connected, clamped, or used to induce a signal in a target line while the multi-frequency receiver is used to measure the signal from energized lines.

The Fisher TW-6 metallic locator is designed to find pipes, cables and other metallic objects such as underground storage tanks (USTs). The TW-6 transmitter generates an electromagnetic field that induces electrical currents in the subsurface. These currents produce a secondary electromagnetic field that is measured by the TW-6 receiver. One surveyor can carry both the transmitter and receiver together to search for underground metallic objects, although the TW-6 response can also be affected by the electrical properties of non-metallic materials in the subsurface.

2.0 SCOPE OF WORK

On July 20, 2012, a geophysical technician from Enviroprobe Service Inc. was mobilized to the subject property to perform a geophysical investigation. The purpose of this investigation was to detect possible USTs, designate underground conduits/utilities, and investigate proposed boring locations within client-specified portions of the subject property. The survey area included the entire open parking lot surrounded by metal fencing. The ground surface of the survey area consisted of paved and concrete surfaces.

3.0 SURVEY RESULTS

The survey was conducted using a cart-mounted GPR unit, a Fisher TW-6 metallic locator, and a RD unit. The RD unit was used to trace common utilities from sources in and around the survey area. The RD receiver was also used in the passive mode to search for live underground electrical power cables and other utilities emitting 60Hz electromagnetic signals. When possible, the locations of utilities were confirmed with the GPR. Whenever possible and necessary, the manhole covers in and around the survey area were opened and the manholes were visually inspected for underground utilities. A GPR survey was also performed in a grid pattern in at least two orthogonal directions to search for underground utilities. Designated utilities were marked on-site with spray paint using the following colors; red – electric.

The GPR and TW-6 were used in a grid pattern over all client-specified areas of the property. Based on the results of the GPR and TW-6 surveys, no anomalies consistent with an UST were identified.

4.0 LIMITATIONS

The client-selected areas of the property had obstructions including fence lines, wooden debris, standing water, and uneven ground surfaces. These objects prevented a thorough investigation of the spaces beneath and immediately adjacent to them.

Due to surface conditions and subsurface content, the GPR signal penetration was estimated at three feet in the majority of the survey area. This penetration was reduced in areas of concrete cover.

The TW-6 survey was kept up to 6 feet away from above ground objects containing metals depending on the sizes, shapes and positions of the metal objects. The TW-6 survey was not effective in areas with reinforced concrete.

Due to the dielectric properties of the subsurface, plastic polymer and fiberglass utilities may not have been detected.

All field services were conducted in compliance with the industry standard of care guidelines found in ASCE 38-02 (Level B).

5.0 WARRANTIES

The field observations and measurements reported herein are considered sufficient in detail and scope for this project. Enviroprobe Service, Inc. warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental engineering methods. There is a possibility that conditions may exist which could not be identified within the scope of this project and were not apparent during the site activities performed for this project.

Enviroprobe represents that the services were performed in a manner consistent with that level of care and skill ordinarily exercised by environmental consultants under similar circumstances. No other representations to Client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

Enviroprobe Service, Inc. believes that the information provided in this report is reliable. However, Enviroprobe cannot warrant or guarantee that the information provided by others is complete or accurate. No other warranties or guarantees are implied or expressed.

GPR data is subject to signal anomalies and operator interpretation. The GPR data is intended to provide the locations of areas of concern requiring additional investigation or the approximate location of underground structures and utilities. Great care must be utilized when excavating and/or drilling around underground structures and utilities since GPR data can only be used for estimation purposes and GPR data is subject to misinterpretation. Enviroprobe can not guarantee that utilities, post-tension cables, and/or rebar will not be incurred during drilling, cutting, coring, or excavating activities.

This report was prepared pursuant to the contract Enviroprobe has with the Client. That contractual relationship included an exchange of information about the property that was unique and between Enviroprobe and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between Enviroprobe and its client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to Enviroprobe.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to Enviroprobe contract with the Client. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

ATTACHMENT B
SOIL BORING LOGS

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed in northwest corner of site, along Box St.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: STE1302	Address: 72 Box Street, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company:	Method: Hollow Stem Auger 2' Split Spoon	~8'7"	Well Specifications
Date Started: 8/20/2013	Date Completed: 8/20/2013		1" PVC well set to a depth o 15 feet.
Completion Depth: 10 feet	Field Technician D. Mosca		

B1 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 2	10		0.0	10" - Asphalt and dark ashy fill material. **Soil Sample retained B1(0-2).*
	2 to 4	2		0.0	2" - Concrete. No soil recovery.
	4 to 6	0		0.0	Concrete. No soil recovery.
	6 to 8	18		0-2	8" - Grey to black sandy loam. No gravel. 10" - Moist black silty sand. Old petrolum odor.
	8 to 10	16		0.0	16" - Saturated brown silty sand. No odor. **Soil Sample retained B1(8-10).*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed in the northeast corner of the site.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: STE1302	Address: 72 Box Street, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company:	Method: Hollow Stem Auger 2' Split Spoon		8'4"	Well Specifications
Date Started: 8/20/2013	Date Completed: 8/20/2013			1" PVC well set to a depth o 15 feet.
Completion Depth: 10 feet	Field Technician D. Mosca			

B2 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 2	13		0.0	3" - Asphalt,concrete,then 10" - Historic fill. **Soil Sample retained B2(0-2).*
	2 to 4	11		0.0	11" - Historic fill (coal,brick glass,etc) in a sandy matrix.
	4 to 6	20		0-2	8" - Same as above, then 6" - Grey silty sand. 6" - Wet grey to black sandy loam. Slight petrol odor.
	6 to 8	18		0.0	8" - Moist sandy loam with no gravel. 10" - Grey silty sand,saturated at bottom 3".
	8 to 10	20		0.0	6" - Grey silty sand with black mottling,then 14" - Bog. **Soil Sample retained B2(8-10).*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed in the southeast corner of the property.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: STE1302	Address: 72 Box Street, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company:	Method: Hollow Stem Auger 2' Split Spoon	8'9"	Well Specifications
Date Started: 8/20/2013	Date Completed: 8/20/2013		1" PVC well set to a depth o 15 feet.
Completion Depth: 10 feet	Field Technician D. Mosca		

B3 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 2	8		0.0	8" - Black grey fill with some sand. No odor. **Soil Sample retained B3(0-2).*
	2 to 4	12		0.0	4" - Fill material. 8" - Brown grey silty sand.
	4 to 6	14		0.0	6" - Grey silty sand with some gravel. 8" - Grey brown silty clay.
	6 to 8	22		0.0	14" - Grey silty clay. 8" - Black silty clay with organic material. No odor.
	8 to 10	20		0.0	20" - Grey clay,silt,sand,and some organic matter. **Soil Sample retained B3(8-10).*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Performed in the southwest corner of the site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: STE1302	Address: 72 Box Street, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company:	Method: Hollow Stem Auger 2' Split Spoon	8'5"	Well Specifications
Date Started: 8/20/2013	Date Completed: 8/20/2013		1" PVC well set to a depth of 15 feet.
Completion Depth: 10 feet	Field Technician D. Mosca		

B4 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 2	20		0.0	20" - Asphalt and ashy fill material. **Soil Sample retained B4(0-2).*
	to 4	18		0.0	7" - Ashy fill,then silty sand with mottling and odor. 11" - Grey silty sand with no gravel. No odor.
	to 6	16		0.0	16" - Same material as above. Slight coal odor on top 2".
	to 8	15		0.0	10" - Medium brown sand. 5" - Moist brown sand.
	to 10	14		0.0	14" - Saturated brown sand with large stones,gravel. **Soil Sample retained B4(8-10).*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B5 Boring Log

Location: Performed in the center of the property.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: STE1302	Address: 72 Box Street, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company:	Method: Hollow Stem Auger 2' Split Spoon		8'9"	Well Specifications
Date Started: 8/20/2013	Date Completed: 8/20/2013			
Completion Depth: 10 feet	Field Technician D. Mosca			

B5 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 2	18		0.0	18" - Ashy fill,then brown silty sand with brick and coal. *Soil Sample retained B5(0-2).*
	2 to 4	0			No recovery.
	4 to 6	12		0-2	2" - Ashy fill,then 4" - Tan silty sand. No odor. 6" - Wet grey sandy loam with slight petrol odor.
	6 to 8	24		0.0	8" - Same as above, then 8" - Grey silty sand. No odor. 8" - Black organic material,bog.
	8 to 10	18		0-1	18" - Saturated sandy loam. Bog/old petrol odor. *Soil Sample retained B5(8-10).*

ATTACHMENT C
GROUNDWATER SAMPLING LOGS

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW1

Date: 8/22/2013

Well Depth (from TOC): 15

Equipment: Check Valve

Static Water Level (from TOC): 9.68

Field Personnel: Kevin W.

Height of Water in Well: 5.32

Gallons of Water per Well Volume: 0.2128

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	DO (mg/L)	Comments
0.00	8:00	400ml/min	0					turbid
2.00	8:02	400ml/min	0.22					turbid
4.00	8:04	400ml/min	0.44					clear
6.00	8:06	400ml/min	0.66					clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW2

Date: 8/22/2013

Well Depth (from TOC): 15

Equipment: Check Valve

Static Water Level (from TOC): 10.38

Field Personnel: Kevin W.

Height of Water in Well: 4.62

Gallons of Water per Well Volume: 0.1848

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	DO (mg/L)	Comments
0.00	8:10	400ml/min	0					turbid
2.00	8:12	400ml/min	0.22					turbid
4.00	8:14	400ml/min	0.44					turbid
6.00	8:16	400ml/min	0.66					clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW3

Date: 8/22/2013

Well Depth (from TOC): 15

Equipment: Check Valve

Static Water Level (from TOC): 0

Field Personnel: Sara B.

Height of Water in Well: 15

Gallons of Water per Well Volume: 0.6

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	DO (mg/L)	Comments
0.00	8:30	400ml/min	0					
2.00	8:32	400ml/min	0					
4.00	8:34	400ml/min	0					
6.00	8:36	400ml/min	0					

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW4

Date: 8/22/2013

Well Depth (from TOC): 15

Equipment: Check Valve

Static Water Level (from TOC): 8.28

Field Personnel: Kevin W.

Height of Water in Well: 6.72

Gallons of Water per Well Volume: 0.2688

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	DO (mg/L)	Comments
0.00	8:40	400ml/min	0					turbid
2.00	8:42	400ml/min	0.22					turbid
4.00	8:44	400ml/min	0.44					turbid
6.00	8:46	400ml/min	0.66					clear

Note 400 ml = 0.11 gallons

ATTACHMENT D
SOIL GAS SAMPLING LOGS

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES
800-827-5426
email: greg@phoenixlabs.com

P.O. # Page 1 of 1

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

Report to:
Customer: EBC
Address:

Invoice to: EBC

Sampled by: KW

Project Name: 72 Box St Bklyn NY
Criteria Requested: Deliverable:
RCP ☐
MCP ☐
State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
28366	SG-3	12858	6L	-30"	0	4959 5044		922	1104	8-22	-30	-2		X			X
28367	SG-2	12863			-2	5660		917	1103	8-22	-28	-4		X			X
28368	SG-1	478			-2	4497 4504		910	1053	8-22	-28	-3		X			X
28369	SG-4	483			0	5014 4979		915	1052	8-22	-29	-2		X			X
28370	SG-5	496			-2	4979 4995		913	1054	8-22	-28	-5		X			X

Relinquished by:	Accepted by:	Date:	Time:
		8-22-17	1217
		8-22-17	1642

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Quote Number:

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 E
LABORATORY REPORTS IN DIGITAL FORMAT

PHOENIX
Environmental Laboratories, Inc.

Friday, August 30, 2013

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

Project ID: 72 BOX ST.
Sample ID#s: BF27794 - BF27804

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

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

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

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

NY # 11301

SDG Comments

August 30, 2013

SDG I.D.: GBF27794

BF27794 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF27795 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF27796 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF27797 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF27798 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF27799 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF27800 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF27801 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF27802 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF27803 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BF27804 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

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

August 30, 2013

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:	SOIL	Collected by:		08/20/13	0:00
Location Code:	EBC	Received by:	LB	08/21/13	17:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF27794
Phoenix ID: BF27794

Project ID: 72 BOX ST.
Client ID: B1 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	08/22/13	LK	SW6010
Aluminum	9360	60	mg/Kg	08/22/13	EK	SW6010
Arsenic	14.9	0.8	mg/Kg	08/22/13	LK	SW6010
Barium	830	0.40	mg/Kg	08/22/13	LK	SW6010
Beryllium	0.60	0.32	mg/Kg	08/22/13	LK	SW6010
Calcium	23500	60	mg/Kg	08/22/13	EK	SW6010
Cadmium	1.81	0.40	mg/Kg	08/22/13	LK	SW6010
Cobalt	7.18	0.40	mg/Kg	08/22/13	LK	SW6010
Chromium	25.7	0.40	mg/Kg	08/22/13	LK	SW6010
Copper	122	0.40	mg/kg	08/22/13	LK	SW6010
Iron	25700	60	mg/Kg	08/22/13	EK	SW6010
Mercury	0.95	0.07	mg/Kg	08/23/13	RS	SW-7471
Potassium	1220	6.0	mg/Kg	08/22/13	LK	SW6010
Magnesium	3880	6.0	mg/Kg	08/22/13	LK	SW6010
Manganese	369	4.0	mg/Kg	08/22/13	EK	SW6010
Sodium	522	6.0	mg/Kg	08/22/13	LK	SW6010
Nickel	21.2	0.40	mg/Kg	08/22/13	LK	SW6010
Lead	917	4.0	mg/Kg	08/22/13	EK	SW6010
Antimony	< 4.0	4.0	mg/Kg	08/22/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	08/22/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	08/22/13	LK	SW6010
Vanadium	32.5	0.40	mg/Kg	08/22/13	LK	SW6010
Zinc	405	4.0	mg/Kg	08/22/13	EK	SW6010
Percent Solid	90		%	08/22/13	W	E160.3
Soil Extraction for PCB	Completed			08/21/13	JI	SW3545
Soil Extraction for Pesticide	Completed			08/21/13	JI/V	SW3545
Soil Extraction for SVOA	Completed			08/21/13	JI/FV	SW3545
Mercury Digestion	Completed			08/23/13	X/X	SW7471

Project ID: 72 BOX ST.
Client ID: B1 0-2

Phoenix I.D.: BF27794

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			08/21/13	Z/AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	73	ug/Kg	08/23/13	AW	SW 8082	
PCB-1221	ND	73	ug/Kg	08/23/13	AW	SW 8082	
PCB-1232	ND	73	ug/Kg	08/23/13	AW	SW 8082	
PCB-1242	ND	73	ug/Kg	08/23/13	AW	SW 8082	
PCB-1248	ND	73	ug/Kg	08/23/13	AW	SW 8082	
PCB-1254	ND	73	ug/Kg	08/23/13	AW	SW 8082	
PCB-1260	77	73	ug/Kg	08/23/13	AW	SW 8082	
PCB-1262	ND	73	ug/Kg	08/23/13	AW	SW 8082	
PCB-1268	ND	73	ug/Kg	08/23/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	68		%	08/23/13	AW	30 - 150 %	
% TCMX	65		%	08/23/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDE	ND	2.2	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDT	ND*	2.2	ug/Kg	08/23/13	MH	SW8081	
a-BHC	ND	3.5	ug/Kg	08/23/13	MH	SW8081	
Alachlor	ND	3.5	ug/Kg	08/23/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	08/23/13	MH	SW8081	
b-BHC	ND	3.5	ug/Kg	08/23/13	MH	SW8081	
Chlordane	ND	11	ug/Kg	08/23/13	MH	SW8081	
d-BHC	ND	3.5	ug/Kg	08/23/13	MH	SW8081	
Dieldrin	ND	1.5	ug/Kg	08/23/13	MH	SW8081	
Endosulfan I	ND	3.5	ug/Kg	08/23/13	MH	SW8081	
Endosulfan II	ND*	7.0	ug/Kg	08/23/13	MH	SW8081	
Endosulfan sulfate	ND	7.0	ug/Kg	08/23/13	MH	SW8081	
Endrin	ND*	7.0	ug/Kg	08/23/13	MH	SW8081	
Endrin aldehyde	ND	7.0	ug/Kg	08/23/13	MH	SW8081	
Endrin ketone	ND	7.0	ug/Kg	08/23/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	08/23/13	MH	SW8081	
Heptachlor	ND	2.2	ug/Kg	08/23/13	MH	SW8081	
Heptachlor epoxide	ND	3.5	ug/Kg	08/23/13	MH	SW8081	
Methoxychlor	ND*	35	ug/Kg	08/23/13	MH	SW8081	
Toxaphene	ND	35	ug/Kg	08/23/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	60		%	08/23/13	MH	30 - 150 %	
% TCMX	64		%	08/23/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloropropene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	

Project ID: 72 BOX ST.
Client ID: B1 0-2

Phoenix I.D.: BF27794

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromoethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloropropane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichloropropane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
2,2-Dichloropropane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
2-Chlorotoluene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
2-Hexanone	ND	28	ug/Kg	08/22/13	R/P	SW8260	
2-Isopropyltoluene	ND	280	ug/Kg	08/22/13	R/P	SW8260	1
4-Chlorotoluene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	28	ug/Kg	08/22/13	R/P	SW8260	
Acetone	ND	28	ug/Kg	08/22/13	R/P	SW8260	
Acrylonitrile	ND	11	ug/Kg	08/22/13	R/P	SW8260	
Benzene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Bromobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
Bromochloromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Bromodichloromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Bromoform	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Bromomethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Carbon Disulfide	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Carbon tetrachloride	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Chlorobenzene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Chloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Chloroform	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Chloromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Dibromochloromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Dibromomethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Dichlorodifluoromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Ethylbenzene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Hexachlorobutadiene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
Isopropylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
m&p-Xylene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	28	ug/Kg	08/22/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	08/22/13	R/P	SW8260	
Methylene chloride	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Naphthalene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
n-Butylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
n-Propylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
o-Xylene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
p-Isopropyltoluene	ND	280	ug/Kg	08/22/13	R/P	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
sec-Butylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
Styrene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
tert-Butylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
Tetrachloroethene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	08/22/13	R/P	SW8260	1
Toluene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Total Xylenes	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	560	ug/Kg	08/22/13	R/P	SW8260	
Trichloroethene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Trichlorofluoromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Vinyl chloride	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	08/22/13	R/P	70 - 130 %	
% Bromofluorobenzene	95		%	08/22/13	R/P	70 - 130 %	
% Dibromofluoromethane	109		%	08/22/13	R/P	70 - 130 %	
% Toluene-d8	95		%	08/22/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	720	ug/Kg	08/22/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	510	ug/Kg	08/22/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	510	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dichlorophenol	ND	510	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dimethylphenol	ND	510	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrophenol	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
2-Chloronaphthalene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
2-Chlorophenol	ND	510	ug/Kg	08/22/13	DD	SW 8270	
2-Methylnaphthalene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	510	ug/Kg	08/22/13	DD	SW 8270	
2-Nitroaniline	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
2-Nitrophenol	ND	510	ug/Kg	08/22/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	720	ug/Kg	08/22/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	510	ug/Kg	08/22/13	DD	SW 8270	
3-Nitroaniline	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2100	ug/Kg	08/22/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	720	ug/Kg	08/22/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	510	ug/Kg	08/22/13	DD	SW 8270	
4-Chloroaniline	ND	510	ug/Kg	08/22/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	510	ug/Kg	08/22/13	DD	SW 8270	
4-Nitroaniline	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
4-Nitrophenol	ND	2100	ug/Kg	08/22/13	DD	SW 8270	

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Client ID: B1 0-2

Phoenix I.D.: BF27794

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acenaphthene	870	510	ug/Kg	08/22/13	DD	SW 8270	
Acenaphthylene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Acetophenone	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Aniline	ND	2100	ug/Kg	08/22/13	DD	SW 8270	
Anthracene	2400	510	ug/Kg	08/22/13	DD	SW 8270	
Benz(a)anthracene	7000	510	ug/Kg	08/22/13	DD	SW 8270	
Benzidine	ND	870	ug/Kg	08/22/13	DD	SW 8270	
Benzo(a)pyrene	7300	510	ug/Kg	08/22/13	DD	SW 8270	
Benzo(b)fluoranthene	11000	510	ug/Kg	08/22/13	DD	SW 8270	
Benzo(ghi)perylene	3300	510	ug/Kg	08/22/13	DD	SW 8270	
Benzo(k)fluoranthene	2500	510	ug/Kg	08/22/13	DD	SW 8270	
Benzoic acid	ND	2100	ug/Kg	08/22/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	720	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	510	ug/Kg	08/22/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Carbazole	1200	1100	ug/Kg	08/22/13	DD	SW 8270	
Chrysene	7500	510	ug/Kg	08/22/13	DD	SW 8270	
Dibenz(a,h)anthracene	1000	510	ug/Kg	08/22/13	DD	SW 8270	
Dibenzofuran	620	510	ug/Kg	08/22/13	DD	SW 8270	
Diethyl phthalate	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Dimethylphthalate	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Di-n-butylphthalate	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Di-n-octylphthalate	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Fluoranthene	15000	510	ug/Kg	08/22/13	DD	SW 8270	
Fluorene	940	510	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobenzene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobutadiene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Hexachloroethane	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	3200	510	ug/Kg	08/22/13	DD	SW 8270	
Isophorone	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Naphthalene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Nitrobenzene	ND	510	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	720	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	510	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	720	ug/Kg	08/22/13	DD	SW 8270	
Pentachloronitrobenzene	ND	720	ug/Kg	08/22/13	DD	SW 8270	
Pentachlorophenol	ND	720	ug/Kg	08/22/13	DD	SW 8270	
Phenanthrene	14000	510	ug/Kg	08/22/13	DD	SW 8270	
Phenol	ND	510	ug/Kg	08/22/13	DD	SW 8270	
Pyrene	11000	510	ug/Kg	08/22/13	DD	SW 8270	
Pyridine	ND	720	ug/Kg	08/22/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	83		%	08/22/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	102		%	08/22/13	DD	30 - 130 %	
% 2-Fluorophenol	83		%	08/22/13	DD	30 - 130 %	
% Nitrobenzene-d5	69		%	08/22/13	DD	30 - 130 %	
% Phenol-d5	82		%	08/22/13	DD	30 - 130 %	

Project ID: 72 BOX ST. Phoenix I.D.: BF27794
Client ID: B1 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Terphenyl-d14	89		%	08/22/13	DD	30 - 130 %

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

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

* 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.

8260 Analysis:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

* For Pesticides, The continuing calibration standards for Endrin, 4,4-DDT, Endosulfan II and Methoxyclor were below acceptable criteria. A negative sample bias is suspected.

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

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

Phyllis Shiller, Laboratory Director
August 30, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 30, 2013

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:	SOIL	Collected by:		08/20/13	0:00
Location Code:	EBC	Received by:	LB	08/21/13	17:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF27794
Phoenix ID: BF27795

Project ID: 72 BOX ST.
Client ID: B1 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	08/22/13	LK	SW6010
Aluminum	10500	55	mg/Kg	08/22/13	EK	SW6010
Arsenic	4.7	0.7	mg/Kg	08/22/13	LK	SW6010
Barium	28.4	0.37	mg/Kg	08/22/13	LK	SW6010
Beryllium	0.39	0.29	mg/Kg	08/22/13	LK	SW6010
Calcium	1000	5.5	mg/Kg	08/22/13	LK	SW6010
Cadmium	0.39	0.37	mg/Kg	08/22/13	LK	SW6010
Cobalt	6.83	0.37	mg/Kg	08/22/13	LK	SW6010
Chromium	17.4	0.37	mg/Kg	08/22/13	LK	SW6010
Copper	14.4	0.37	mg/kg	08/22/13	LK	SW6010
Iron	24000	55	mg/Kg	08/22/13	EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	08/23/13	RS	SW-7471
Potassium	1070	5.5	mg/Kg	08/22/13	LK	SW6010
Magnesium	2750	5.5	mg/Kg	08/22/13	LK	SW6010
Manganese	227	3.7	mg/Kg	08/22/13	EK	SW6010
Sodium	163	5.5	mg/Kg	08/22/13	LK	SW6010
Nickel	14.0	0.37	mg/Kg	08/22/13	LK	SW6010
Lead	7.40	0.37	mg/Kg	08/22/13	LK	SW6010
Antimony	< 3.7	3.7	mg/Kg	08/22/13	LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	08/22/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	08/22/13	LK	SW6010
Vanadium	26.1	0.37	mg/Kg	08/22/13	LK	SW6010
Zinc	37.8	0.37	mg/Kg	08/22/13	LK	SW6010
Percent Solid	85		%	08/22/13	W	E160.3
Soil Extraction for PCB	Completed			08/21/13	JI	SW3545
Soil Extraction for Pesticide	Completed			08/21/13	JI/V	SW3545
Soil Extraction for SVOA	Completed			08/21/13	JI/FV	SW3545
Mercury Digestion	Completed			08/23/13	X/X	SW7471

Project ID: 72 BOX ST.
Client ID: B1 8-10

Phoenix I.D.: BF27795

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			08/21/13	Z/AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1221	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1232	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1242	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1248	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1254	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1260	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1262	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1268	ND	77	ug/Kg	08/23/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	67		%	08/23/13	AW	30 - 150 %	
% TCMX	61		%	08/23/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDE	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDT	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
a-BHC	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Alachlor	ND	3.7	ug/Kg	08/23/13	MH	SW8081	1
Aldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
b-BHC	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Chlordane	ND	12	ug/Kg	08/23/13	MH	SW8081	
d-BHC	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Dieldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Endosulfan I	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Endosulfan II	ND	7.4	ug/Kg	08/23/13	MH	SW8081	
Endosulfan sulfate	ND	7.4	ug/Kg	08/23/13	MH	SW8081	
Endrin	ND	7.4	ug/Kg	08/23/13	MH	SW8081	
Endrin aldehyde	ND	7.4	ug/Kg	08/23/13	MH	SW8081	
Endrin ketone	ND	7.4	ug/Kg	08/23/13	MH	SW8081	
g-BHC	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Heptachlor	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
Heptachlor epoxide	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Methoxychlor	ND	37	ug/Kg	08/23/13	MH	SW8081	
Toxaphene	ND	37	ug/Kg	08/23/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	59		%	08/23/13	MH	30 - 150 %	
% TCMX	52		%	08/23/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloropropene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	

Project ID: 72 BOX ST.
Client ID: B1 8-10

Phoenix I.D.: BF27795

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromoethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloropropane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichloropropane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
2,2-Dichloropropane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
2-Chlorotoluene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
2-Hexanone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
2-Isopropyltoluene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	1
4-Chlorotoluene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
Acetone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
Acrylonitrile	ND	12	ug/Kg	08/22/13	R/P	SW8260	
Benzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Bromobenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Bromochloromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Bromodichloromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Bromoform	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Bromomethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Carbon Disulfide	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Carbon tetrachloride	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Chlorobenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Chloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Chloroform	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Chloromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Dibromochloromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Dibromomethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Dichlorodifluoromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Ethylbenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Hexachlorobutadiene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Isopropylbenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
m&p-Xylene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	08/22/13	R/P	SW8260	
Methylene chloride	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Naphthalene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
n-Butylbenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
n-Propylbenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
o-Xylene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
p-Isopropyltoluene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
sec-Butylbenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Styrene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
tert-Butylbenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Tetrachloroethene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	12	ug/Kg	08/22/13	R/P	SW8260	1
Toluene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Total Xylenes	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	08/22/13	R/P	SW8260	
Trichloroethene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Trichlorofluoromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Vinyl chloride	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	08/22/13	R/P	70 - 130 %	
% Bromofluorobenzene	91		%	08/22/13	R/P	70 - 130 %	
% Dibromofluoromethane	107		%	08/22/13	R/P	70 - 130 %	
% Toluene-d8	100		%	08/22/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	390	ug/Kg	08/22/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dichlorophenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dimethylphenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrophenol	ND	630	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2-Chloronaphthalene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2-Chlorophenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2-Methylnaphthalene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2-Nitroaniline	ND	630	ug/Kg	08/22/13	DD	SW 8270	
2-Nitrophenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	08/22/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	270	ug/Kg	08/22/13	DD	SW 8270	
3-Nitroaniline	ND	630	ug/Kg	08/22/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	08/22/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	390	ug/Kg	08/22/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
4-Chloroaniline	ND	270	ug/Kg	08/22/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	08/22/13	DD	SW 8270	
4-Nitroaniline	ND	630	ug/Kg	08/22/13	DD	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	08/22/13	DD	SW 8270	

Project ID: 72 BOX ST.
Client ID: B1 8-10

Phoenix I.D.: BF27795

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acenaphthene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Acenaphthylene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Acetophenone	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	08/22/13	DD	SW 8270	
Anthracene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Benz(a)anthracene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Benzidine	ND	470	ug/Kg	08/22/13	DD	SW 8270	
Benzo(a)pyrene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Benzo(ghi)perylene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	08/22/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	08/22/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Carbazole	ND	590	ug/Kg	08/22/13	DD	SW 8270	
Chrysene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Dibenzofuran	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Fluoranthene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Fluorene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Hexachloroethane	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Isophorone	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Naphthalene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Nitrobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	390	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	390	ug/Kg	08/22/13	DD	SW 8270	
Pentachloronitrobenzene	ND	390	ug/Kg	08/22/13	DD	SW 8270	
Pentachlorophenol	ND	390	ug/Kg	08/22/13	DD	SW 8270	
Phenanthrene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Phenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Pyrene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Pyridine	ND	390	ug/Kg	08/22/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	103		%	08/22/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	66		%	08/22/13	DD	30 - 130 %	
% 2-Fluorophenol	70		%	08/22/13	DD	30 - 130 %	
% Nitrobenzene-d5	42		%	08/22/13	DD	30 - 130 %	
% Phenol-d5	77		%	08/22/13	DD	30 - 130 %	

Project ID: 72 BOX ST. Phoenix I.D.: BF27795
Client ID: B1 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Terphenyl-d14	94		%	08/22/13	DD	30 - 130 %

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

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 30, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 30, 2013

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:	SOIL	Collected by:		08/20/13	0:00
Location Code:	EBC	Received by:	LB	08/21/13	17:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF27794
Phoenix ID: BF27796

Project ID: 72 BOX ST.
Client ID: B2 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	08/22/13	LK	SW6010
Aluminum	5990	60	mg/Kg	08/22/13	EK	SW6010
Arsenic	12.0	0.8	mg/Kg	08/22/13	LK	SW6010
Barium	845	0.40	mg/Kg	08/22/13	LK	SW6010
Beryllium	0.59	0.32	mg/Kg	08/22/13	LK	SW6010
Calcium	30000	60	mg/Kg	08/22/13	EK	SW6010
Cadmium	2.23	0.40	mg/Kg	08/22/13	LK	SW6010
Cobalt	5.66	0.40	mg/Kg	08/22/13	LK	SW6010
Chromium	75.3	0.40	mg/Kg	08/22/13	LK	SW6010
Copper	138	0.40	mg/kg	08/22/13	LK	SW6010
Iron	15900	60	mg/Kg	08/22/13	EK	SW6010
Mercury	0.99	0.08	mg/Kg	08/23/13	RS	SW-7471
Potassium	1550	6.0	mg/Kg	08/22/13	LK	SW6010
Magnesium	2290	6.0	mg/Kg	08/22/13	LK	SW6010
Manganese	192	4.0	mg/Kg	08/22/13	EK	SW6010
Sodium	4780	6.0	mg/Kg	08/22/13	LK	SW6010
Nickel	16.7	0.40	mg/Kg	08/22/13	LK	SW6010
Lead	1300	4.0	mg/Kg	08/22/13	EK	SW6010
Antimony	< 4.0	4.0	mg/Kg	08/22/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	08/22/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	08/22/13	LK	SW6010
Vanadium	35.3	0.40	mg/Kg	08/22/13	LK	SW6010
Zinc	698	4.0	mg/Kg	08/22/13	EK	SW6010
Percent Solid	85		%	08/22/13	W	E160.3
Soil Extraction for PCB	Completed			08/21/13	JI	SW3545
Soil Extraction for Pesticide	Completed			08/21/13	JI/V	SW3545
Soil Extraction for SVOA	Completed			08/21/13	JI/FV	SW3545
Mercury Digestion	Completed			08/23/13	X/X	SW7471

Project ID: 72 BOX ST.
Client ID: B2 0-2

Phoenix I.D.: BF27796

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			08/21/13	Z/AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1221	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1232	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1242	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1248	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1254	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1260	120	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1262	ND	77	ug/Kg	08/23/13	AW	SW 8082	
PCB-1268	ND	77	ug/Kg	08/23/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	66		%	08/23/13	AW	30 - 150 %	
% TCMX	63		%	08/23/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	7.1	2.3	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDE	22	2.3	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDT	78*	2.3	ug/Kg	08/23/13	MH	SW8081	
a-BHC	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Alachlor	ND	3.7	ug/Kg	08/23/13	MH	SW8081	1
Aldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
b-BHC	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Chlordane	69	12	ug/Kg	08/23/13	MH	SW8081	
d-BHC	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Dieldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Endosulfan I	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Endosulfan II	ND*	7.4	ug/Kg	08/23/13	MH	SW8081	
Endosulfan sulfate	ND	7.4	ug/Kg	08/23/13	MH	SW8081	
Endrin	ND*	7.4	ug/Kg	08/23/13	MH	SW8081	
Endrin aldehyde	ND	7.4	ug/Kg	08/23/13	MH	SW8081	
Endrin ketone	ND	7.4	ug/Kg	08/23/13	MH	SW8081	
g-BHC	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Heptachlor	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
Heptachlor epoxide	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Methoxychlor	ND*	37	ug/Kg	08/23/13	MH	SW8081	
Toxaphene	ND	37	ug/Kg	08/23/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	64		%	08/23/13	MH	30 - 150 %	
% TCMX	64		%	08/23/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloropropene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	

Project ID: 72 BOX ST.
Client ID: B2 0-2

Phoenix I.D.: BF27796

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromoethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloropropane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichloropropane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
2,2-Dichloropropane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
2-Chlorotoluene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
2-Hexanone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
2-Isopropyltoluene	ND	290	ug/Kg	08/22/13	R/P	SW8260	1
4-Chlorotoluene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
Acetone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
Acrylonitrile	ND	12	ug/Kg	08/22/13	R/P	SW8260	
Benzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Bromobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
Bromochloromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Bromodichloromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Bromoform	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Bromomethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Carbon Disulfide	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Carbon tetrachloride	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Chlorobenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Chloroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Chloroform	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Chloromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Dibromochloromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Dibromomethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Dichlorodifluoromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Ethylbenzene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Hexachlorobutadiene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
Isopropylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
m&p-Xylene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	08/22/13	R/P	SW8260	
Methylene chloride	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Naphthalene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
n-Butylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
n-Propylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
o-Xylene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
p-Isopropyltoluene	ND	290	ug/Kg	08/22/13	R/P	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
sec-Butylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
Styrene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
tert-Butylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
Tetrachloroethene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	12	ug/Kg	08/22/13	R/P	SW8260	1
Toluene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Total Xylenes	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	590	ug/Kg	08/22/13	R/P	SW8260	
Trichloroethene	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Trichlorofluoromethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
Vinyl chloride	ND	5.9	ug/Kg	08/22/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	08/22/13	R/P	70 - 130 %	
% Bromofluorobenzene	93		%	08/22/13	R/P	70 - 130 %	
% Dibromofluoromethane	115		%	08/22/13	R/P	70 - 130 %	
% Toluene-d8	94		%	08/22/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	390	ug/Kg	08/22/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dichlorophenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dimethylphenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrophenol	ND	620	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2-Chloronaphthalene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2-Chlorophenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2-Methylnaphthalene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	270	ug/Kg	08/22/13	DD	SW 8270	
2-Nitroaniline	ND	620	ug/Kg	08/22/13	DD	SW 8270	
2-Nitrophenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	08/22/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	270	ug/Kg	08/22/13	DD	SW 8270	
3-Nitroaniline	ND	620	ug/Kg	08/22/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	08/22/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	390	ug/Kg	08/22/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
4-Chloroaniline	ND	270	ug/Kg	08/22/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	08/22/13	DD	SW 8270	
4-Nitroaniline	ND	620	ug/Kg	08/22/13	DD	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	08/22/13	DD	SW 8270	

Project ID: 72 BOX ST.
Client ID: B2 0-2

Phoenix I.D.: BF27796

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acenaphthene	270	270	ug/Kg	08/22/13	DD	SW 8270	
Acenaphthylene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Acetophenone	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	08/22/13	DD	SW 8270	
Anthracene	550	270	ug/Kg	08/22/13	DD	SW 8270	
Benz(a)anthracene	1500	270	ug/Kg	08/22/13	DD	SW 8270	
Benzidine	ND	460	ug/Kg	08/22/13	DD	SW 8270	
Benzo(a)pyrene	1300	270	ug/Kg	08/22/13	DD	SW 8270	
Benzo(b)fluoranthene	2100	270	ug/Kg	08/22/13	DD	SW 8270	
Benzo(ghi)perylene	360	270	ug/Kg	08/22/13	DD	SW 8270	
Benzo(k)fluoranthene	870	270	ug/Kg	08/22/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	08/22/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	08/22/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Carbazole	ND	580	ug/Kg	08/22/13	DD	SW 8270	
Chrysene	1500	270	ug/Kg	08/22/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Dibenzofuran	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Fluoranthene	2800	270	ug/Kg	08/22/13	DD	SW 8270	
Fluorene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Hexachloroethane	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	340	270	ug/Kg	08/22/13	DD	SW 8270	
Isophorone	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Naphthalene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Nitrobenzene	ND	270	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	390	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	390	ug/Kg	08/22/13	DD	SW 8270	
Pentachloronitrobenzene	ND	390	ug/Kg	08/22/13	DD	SW 8270	
Pentachlorophenol	ND	390	ug/Kg	08/22/13	DD	SW 8270	
Phenanthrene	2700	270	ug/Kg	08/22/13	DD	SW 8270	
Phenol	ND	270	ug/Kg	08/22/13	DD	SW 8270	
Pyrene	2500	270	ug/Kg	08/22/13	DD	SW 8270	
Pyridine	ND	390	ug/Kg	08/22/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	101		%	08/22/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	87		%	08/22/13	DD	30 - 130 %	
% 2-Fluorophenol	75		%	08/22/13	DD	30 - 130 %	
% Nitrobenzene-d5	84		%	08/22/13	DD	30 - 130 %	
% Phenol-d5	80		%	08/22/13	DD	30 - 130 %	

Project ID: 72 BOX ST. Phoenix I.D.: BF27796
Client ID: B2 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Terphenyl-d14	90		%	08/22/13	DD	30 - 130 %

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

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

8260 Analysis:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

* For Pesticides, The continuing calibration standards for Endrin, 4,4-DDT, Endosulfan II and Methoxyclor were below acceptable criteria. A negative sample bias is suspected.

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

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

Phyllis Shiller, Laboratory Director
August 30, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 30, 2013

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:	SOIL	Collected by:		08/20/13	0:00
Location Code:	EBC	Received by:	LB	08/21/13	17:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF27794
Phoenix ID: BF27797

Project ID: 72 BOX ST.
Client ID: B2 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	08/22/13	LK	SW6010
Aluminum	12900	60	mg/Kg	08/22/13	EK	SW6010
Arsenic	5.2	0.8	mg/Kg	08/22/13	LK	SW6010
Barium	354	0.40	mg/Kg	08/22/13	LK	SW6010
Beryllium	0.68	0.32	mg/Kg	08/22/13	LK	SW6010
Calcium	4990	6.0	mg/Kg	08/22/13	LK	SW6010
Cadmium	0.51	0.40	mg/Kg	08/22/13	LK	SW6010
Cobalt	6.55	0.40	mg/Kg	08/22/13	LK	SW6010
Chromium	21.0	0.40	mg/Kg	08/22/13	LK	SW6010
Copper	29.8	0.40	mg/kg	08/22/13	LK	SW6010
Iron	22200	60	mg/Kg	08/22/13	EK	SW6010
Mercury	0.65	0.10	mg/Kg	08/23/13	RS	SW-7471
Potassium	1050	6.0	mg/Kg	08/22/13	LK	SW6010
Magnesium	2910	6.0	mg/Kg	08/22/13	LK	SW6010
Manganese	345	4.0	mg/Kg	08/22/13	EK	SW6010
Sodium	444	6.0	mg/Kg	08/22/13	LK	SW6010
Nickel	14.6	0.40	mg/Kg	08/22/13	LK	SW6010
Lead	383	4.0	mg/Kg	08/22/13	EK	SW6010
Antimony	< 4.0	4.0	mg/Kg	08/22/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	08/22/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	08/22/13	LK	SW6010
Vanadium	22.5	0.40	mg/Kg	08/22/13	LK	SW6010
Zinc	125	0.40	mg/Kg	08/22/13	LK	SW6010
Percent Solid	76		%	08/22/13	W	E160.3
Soil Extraction for PCB	Completed			08/21/13	JI	SW3545
Soil Extraction for Pesticide	Completed			08/21/13	JI/V	SW3545
Soil Extraction for SVOA	Completed			08/21/13	JI/FV	SW3545
Mercury Digestion	Completed			08/23/13	X/X	SW7471

Project ID: 72 BOX ST.
Client ID: B2 8-10

Phoenix I.D.: BF27797

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			08/21/13	Z/AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	88	ug/Kg	08/23/13	AW	SW 8082	
PCB-1221	ND	88	ug/Kg	08/23/13	AW	SW 8082	
PCB-1232	ND	88	ug/Kg	08/23/13	AW	SW 8082	
PCB-1242	ND	88	ug/Kg	08/23/13	AW	SW 8082	
PCB-1248	ND	88	ug/Kg	08/23/13	AW	SW 8082	
PCB-1254	ND	88	ug/Kg	08/23/13	AW	SW 8082	
PCB-1260	ND	88	ug/Kg	08/23/13	AW	SW 8082	
PCB-1262	ND	88	ug/Kg	08/23/13	AW	SW 8082	
PCB-1268	ND	88	ug/Kg	08/23/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	44		%	08/23/13	AW	30 - 150 %	
% TCMX	41		%	08/23/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.6	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDE	ND	2.6	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDT	ND	2.6	ug/Kg	08/23/13	MH	SW8081	
a-BHC	ND	4.2	ug/Kg	08/23/13	MH	SW8081	
Alachlor	ND	4.2	ug/Kg	08/23/13	MH	SW8081	1
Aldrin	ND	1.3	ug/Kg	08/23/13	MH	SW8081	
b-BHC	ND	4.2	ug/Kg	08/23/13	MH	SW8081	
Chlordane	ND	13	ug/Kg	08/23/13	MH	SW8081	
d-BHC	ND	4.2	ug/Kg	08/23/13	MH	SW8081	
Dieldrin	ND	1.3	ug/Kg	08/23/13	MH	SW8081	
Endosulfan I	ND	4.2	ug/Kg	08/23/13	MH	SW8081	
Endosulfan II	ND	8.4	ug/Kg	08/23/13	MH	SW8081	
Endosulfan sulfate	ND	11	ug/Kg	08/23/13	MH	SW8081	
Endrin	ND	8.4	ug/Kg	08/23/13	MH	SW8081	
Endrin aldehyde	ND	8.4	ug/Kg	08/23/13	MH	SW8081	
Endrin ketone	ND	8.4	ug/Kg	08/23/13	MH	SW8081	
g-BHC	ND	1.3	ug/Kg	08/23/13	MH	SW8081	
Heptachlor	ND	2.6	ug/Kg	08/23/13	MH	SW8081	
Heptachlor epoxide	ND	4.2	ug/Kg	08/23/13	MH	SW8081	
Methoxychlor	ND	42	ug/Kg	08/23/13	MH	SW8081	
Toxaphene	ND	42	ug/Kg	08/23/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	43		%	08/23/13	MH	30 - 150 %	
% TCMX	42		%	08/23/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloropropene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	

Project ID: 72 BOX ST.
Client ID: B2 8-10

Phoenix I.D.: BF27797

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	330	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	330	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromoethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloroethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloropropane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichloropropane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
2,2-Dichloropropane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
2-Chlorotoluene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
2-Hexanone	ND	33	ug/Kg	08/22/13	R/P	SW8260	
2-Isopropyltoluene	ND	330	ug/Kg	08/22/13	R/P	SW8260	1
4-Chlorotoluene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	33	ug/Kg	08/22/13	R/P	SW8260	
Acetone	80	33	ug/Kg	08/22/13	R/P	SW8260	
Acrylonitrile	ND	13	ug/Kg	08/22/13	R/P	SW8260	
Benzene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Bromobenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
Bromochloromethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Bromodichloromethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Bromoform	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Bromomethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Carbon Disulfide	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Carbon tetrachloride	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Chlorobenzene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Chloroethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Chloroform	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Chloromethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Dibromochloromethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Dibromomethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Dichlorodifluoromethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Ethylbenzene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Hexachlorobutadiene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
Isopropylbenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
m&p-Xylene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	33	ug/Kg	08/22/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	08/22/13	R/P	SW8260	
Methylene chloride	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Naphthalene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
n-Butylbenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
n-Propylbenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
o-Xylene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
p-Isopropyltoluene	ND	330	ug/Kg	08/22/13	R/P	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
sec-Butylbenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
Styrene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
tert-Butylbenzene	ND	330	ug/Kg	08/22/13	R/P	SW8260	
Tetrachloroethene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	13	ug/Kg	08/22/13	R/P	SW8260	1
Toluene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Total Xylenes	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	660	ug/Kg	08/22/13	R/P	SW8260	
Trichloroethene	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Trichlorofluoromethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
Vinyl chloride	ND	6.5	ug/Kg	08/22/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	08/22/13	R/P	70 - 130 %	
% Bromofluorobenzene	94		%	08/22/13	R/P	70 - 130 %	
% Dibromofluoromethane	107		%	08/22/13	R/P	70 - 130 %	
% Toluene-d8	96		%	08/22/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	440	ug/Kg	08/22/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	310	ug/Kg	08/22/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	310	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dichlorophenol	ND	310	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dimethylphenol	ND	310	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrophenol	ND	700	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
2-Chloronaphthalene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
2-Chlorophenol	ND	310	ug/Kg	08/22/13	DD	SW 8270	
2-Methylnaphthalene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	310	ug/Kg	08/22/13	DD	SW 8270	
2-Nitroaniline	ND	700	ug/Kg	08/22/13	DD	SW 8270	
2-Nitrophenol	ND	310	ug/Kg	08/22/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	440	ug/Kg	08/22/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	310	ug/Kg	08/22/13	DD	SW 8270	
3-Nitroaniline	ND	700	ug/Kg	08/22/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1300	ug/Kg	08/22/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	440	ug/Kg	08/22/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	310	ug/Kg	08/22/13	DD	SW 8270	
4-Chloroaniline	ND	310	ug/Kg	08/22/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	310	ug/Kg	08/22/13	DD	SW 8270	
4-Nitroaniline	ND	700	ug/Kg	08/22/13	DD	SW 8270	
4-Nitrophenol	ND	1300	ug/Kg	08/22/13	DD	SW 8270	

Project ID: 72 BOX ST.
Client ID: B2 8-10

Phoenix I.D.: BF27797

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acenaphthene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Acenaphthylene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Acetophenone	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Aniline	ND	1300	ug/Kg	08/22/13	DD	SW 8270	
Anthracene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Benz(a)anthracene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Benzidine	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Benzo(a)pyrene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Benzo(ghi)perylene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Benzoic acid	ND	1300	ug/Kg	08/22/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	440	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	310	ug/Kg	08/22/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Carbazole	ND	650	ug/Kg	08/22/13	DD	SW 8270	
Chrysene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Dibenzofuran	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Diethyl phthalate	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Dimethylphthalate	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Di-n-butylphthalate	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Di-n-octylphthalate	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Fluoranthene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Fluorene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobenzene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobutadiene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Hexachloroethane	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Isophorone	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Naphthalene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Nitrobenzene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	440	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	310	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	440	ug/Kg	08/22/13	DD	SW 8270	
Pentachloronitrobenzene	ND	440	ug/Kg	08/22/13	DD	SW 8270	
Pentachlorophenol	ND	440	ug/Kg	08/22/13	DD	SW 8270	
Phenanthrene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Phenol	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Pyrene	ND	310	ug/Kg	08/22/13	DD	SW 8270	
Pyridine	ND	440	ug/Kg	08/22/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	104		%	08/22/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	67		%	08/22/13	DD	30 - 130 %	
% 2-Fluorophenol	75		%	08/22/13	DD	30 - 130 %	
% Nitrobenzene-d5	78		%	08/22/13	DD	30 - 130 %	
% Phenol-d5	83		%	08/22/13	DD	30 - 130 %	

Project ID: 72 BOX ST.
Client ID: B2 8-10

Phoenix I.D.: BF27797

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Terphenyl-d14	87		%	08/22/13	DD	30 - 130 %

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

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

8260 Analysis:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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

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

Phyllis Shiller, Laboratory Director
August 30, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 30, 2013

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:	SOIL	Collected by:		08/20/13	0:00
Location Code:	EBC	Received by:	LB	08/21/13	17:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF27794
Phoenix ID: BF27798

Project ID: 72 BOX ST.
Client ID: B3 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.41	0.41	mg/Kg	08/23/13	LK	SW6010
Aluminum	9800	61	mg/Kg	08/23/13	LK	SW6010
Arsenic	9.0	0.8	mg/Kg	08/23/13	LK	SW6010
Barium	158	0.41	mg/Kg	08/23/13	LK	SW6010
Beryllium	0.45	0.33	mg/Kg	08/23/13	LK	SW6010
Calcium	19700	61	mg/Kg	08/23/13	LK	SW6010
Cadmium	1.74	0.41	mg/Kg	08/23/13	LK	SW6010
Cobalt	8.89	0.41	mg/Kg	08/23/13	LK	SW6010
Chromium	22.0	0.41	mg/Kg	08/23/13	LK	SW6010
Copper	73.9	0.41	mg/kg	08/23/13	LK	SW6010
Iron	21100	61	mg/Kg	08/23/13	LK	SW6010
Mercury	0.62	0.08	mg/Kg	08/23/13	RS	SW-7471
Potassium	1140	6.1	mg/Kg	08/23/13	LK	SW6010
Magnesium	8910	61	mg/Kg	08/23/13	LK	SW6010
Manganese	352	4.1	mg/Kg	08/23/13	LK	SW6010
Sodium	360	6.1	mg/Kg	08/23/13	LK	SW6010
Nickel	18.4	0.41	mg/Kg	08/23/13	LK	SW6010
Lead	343	4.1	mg/Kg	08/23/13	LK	SW6010
Antimony	< 4.1	4.1	mg/Kg	08/23/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	08/23/13	LK	SW6010
Thallium	< 0.7	0.7	mg/Kg	08/23/13	LK	SW6010
Vanadium	32.3	0.41	mg/Kg	08/23/13	LK	SW6010
Zinc	326	4.1	mg/Kg	08/23/13	LK	SW6010
Percent Solid	85		%	08/23/13	W	E160.3
Soil Extraction for PCB	Completed			08/22/13	IJ	SW3545
Soil Extraction for Pesticide	Completed			08/22/13	IJ/V	SW3545
Soil Extraction for SVOA	Completed			08/22/13	IJ/FV	SW3545
Mercury Digestion	Completed			08/23/13	X/X	SW7471

Project ID: 72 BOX ST.
Client ID: B3 0-2

Phoenix I.D.: BF27798

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			08/22/13	Z/AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1221	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1232	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1242	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1248	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1254	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1260	100	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1262	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1268	ND	78	ug/Kg	08/23/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	90		%	08/23/13	AW	30 - 150 %	
% TCMX	76		%	08/23/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND**	6.1	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDE	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDT	ND**	3.4	ug/Kg	08/23/13	MH	SW8081	
a-BHC	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Alachlor	ND	3.7	ug/Kg	08/23/13	MH	SW8081	1
Aldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
b-BHC	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Chlordane	ND	12	ug/Kg	08/23/13	MH	SW8081	
d-BHC	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Dieldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Endosulfan I	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Endosulfan II	ND*	7.4	ug/Kg	08/23/13	MH	SW8081	
Endosulfan sulfate	ND	7.4	ug/Kg	08/23/13	MH	SW8081	
Endrin	ND*	7.4	ug/Kg	08/23/13	MH	SW8081	
Endrin aldehyde	ND	7.4	ug/Kg	08/23/13	MH	SW8081	
Endrin ketone	ND	7.4	ug/Kg	08/23/13	MH	SW8081	
g-BHC	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Heptachlor	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
Heptachlor epoxide	ND	3.7	ug/Kg	08/23/13	MH	SW8081	
Methoxychlor	ND*	37	ug/Kg	08/23/13	MH	SW8081	
Toxaphene	ND	37	ug/Kg	08/23/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	65		%	08/23/13	MH	30 - 150 %	
% TCMX	67		%	08/23/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	290	ug/Kg	08/23/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
1,1-Dichloroethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
1,1-Dichloroethene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
1,1-Dichloropropene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	

Project ID: 72 BOX ST.
Client ID: B3 0-2

Phoenix I.D.: BF27798

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	290	ug/Kg	08/23/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	290	ug/Kg	08/23/13	R/J	SW8260	
1,2-Dibromoethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
1,2-Dichloroethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
1,2-Dichloropropane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
1,3-Dichloropropane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
2,2-Dichloropropane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
2-Chlorotoluene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
2-Hexanone	ND	29	ug/Kg	08/26/13	R/J	SW8260	
2-Isopropyltoluene	ND	290	ug/Kg	08/23/13	R/J	SW8260	1
4-Chlorotoluene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	29	ug/Kg	08/26/13	R/J	SW8260	
Acetone	ND	29	ug/Kg	08/26/13	R/J	SW8260	
Acrylonitrile	ND	12	ug/Kg	08/26/13	R/J	SW8260	
Benzene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Bromobenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
Bromochloromethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Bromodichloromethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Bromoform	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Bromomethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Carbon Disulfide	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Carbon tetrachloride	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Chlorobenzene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Chloroethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Chloroform	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Chloromethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Dibromochloromethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Dibromomethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Ethylbenzene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Hexachlorobutadiene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
Isopropylbenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
m&p-Xylene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	29	ug/Kg	08/26/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	08/26/13	R/J	SW8260	
Methylene chloride	55	5.8	ug/Kg	08/26/13	R/J	SW8260	
Naphthalene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
n-Butylbenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
n-Propylbenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
o-Xylene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
p-Isopropyltoluene	ND	290	ug/Kg	08/23/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
sec-Butylbenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
Styrene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
tert-Butylbenzene	ND	290	ug/Kg	08/23/13	R/J	SW8260	
Tetrachloroethene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	12	ug/Kg	08/26/13	R/J	SW8260	1
Toluene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Total Xylenes	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	590	ug/Kg	08/23/13	R/J	SW8260	
Trichloroethene	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
Vinyl chloride	ND	5.8	ug/Kg	08/26/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	08/23/13	R/J	70 - 130 %	
% Bromofluorobenzene	74		%	08/26/13	R/J	70 - 130 %	
% Dibromofluoromethane	120		%	08/26/13	R/J	70 - 130 %	
% Toluene-d8	88		%	08/26/13	R/J	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	780	ug/Kg	08/23/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	540	ug/Kg	08/23/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	540	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dichlorophenol	ND	540	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dimethylphenol	ND	540	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dinitrophenol	ND	1200	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
2-Chloronaphthalene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
2-Chlorophenol	ND	540	ug/Kg	08/23/13	DD	SW 8270	
2-Methylnaphthalene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	540	ug/Kg	08/23/13	DD	SW 8270	
2-Nitroaniline	ND	1200	ug/Kg	08/23/13	DD	SW 8270	
2-Nitrophenol	ND	540	ug/Kg	08/23/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	780	ug/Kg	08/23/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	540	ug/Kg	08/23/13	DD	SW 8270	
3-Nitroaniline	ND	1200	ug/Kg	08/23/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2200	ug/Kg	08/23/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	780	ug/Kg	08/23/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	540	ug/Kg	08/23/13	DD	SW 8270	
4-Chloroaniline	ND	540	ug/Kg	08/23/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	540	ug/Kg	08/23/13	DD	SW 8270	
4-Nitroaniline	ND	1200	ug/Kg	08/23/13	DD	SW 8270	
4-Nitrophenol	ND	2200	ug/Kg	08/23/13	DD	SW 8270	

Project ID: 72 BOX ST.
Client ID: B3 0-2

Phoenix I.D.: BF27798

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acenaphthene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Acenaphthylene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Acetophenone	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Aniline	ND	2200	ug/Kg	08/23/13	DD	SW 8270	
Anthracene	580	540	ug/Kg	08/23/13	DD	SW 8270	
Benz(a)anthracene	1600	540	ug/Kg	08/23/13	DD	SW 8270	
Benzidine	ND	930	ug/Kg	08/23/13	DD	SW 8270	
Benzo(a)pyrene	1200	540	ug/Kg	08/23/13	DD	SW 8270	
Benzo(b)fluoranthene	1700	540	ug/Kg	08/23/13	DD	SW 8270	
Benzo(ghi)perylene	690	540	ug/Kg	08/23/13	DD	SW 8270	
Benzo(k)fluoranthene	560	540	ug/Kg	08/23/13	DD	SW 8270	
Benzoic acid	ND	2200	ug/Kg	08/23/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	780	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	540	ug/Kg	08/23/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Carbazole	ND	1200	ug/Kg	08/23/13	DD	SW 8270	
Chrysene	1400	540	ug/Kg	08/23/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Dibenzofuran	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Diethyl phthalate	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Dimethylphthalate	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Di-n-butylphthalate	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Di-n-octylphthalate	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Fluoranthene	2800	540	ug/Kg	08/23/13	DD	SW 8270	
Fluorene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorobenzene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorobutadiene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Hexachloroethane	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	640	540	ug/Kg	08/23/13	DD	SW 8270	
Isophorone	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Naphthalene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Nitrobenzene	ND	540	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	780	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	540	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	780	ug/Kg	08/23/13	DD	SW 8270	
Pentachloronitrobenzene	ND	780	ug/Kg	08/23/13	DD	SW 8270	
Pentachlorophenol	ND	780	ug/Kg	08/23/13	DD	SW 8270	
Phenanthrene	2600	540	ug/Kg	08/23/13	DD	SW 8270	
Phenol	ND	540	ug/Kg	08/23/13	DD	SW 8270	
Pyrene	2200	540	ug/Kg	08/23/13	DD	SW 8270	
Pyridine	ND	780	ug/Kg	08/23/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	106		%	08/23/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	80		%	08/23/13	DD	30 - 130 %	
% 2-Fluorophenol	77		%	08/23/13	DD	30 - 130 %	
% Nitrobenzene-d5	91		%	08/23/13	DD	30 - 130 %	
% Phenol-d5	84		%	08/23/13	DD	30 - 130 %	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Terphenyl-d14	74		%	08/23/13	DD	30 - 130 %

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

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

* For Pesticides, The continuing calibration standards for Endrin, 4,4-DDT, Endosulfan II and Methoxyclor were below acceptable criteria. A negative sample bias is suspected.

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

8260 Analysis:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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

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

Phyllis Shiller, Laboratory Director
August 30, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 30, 2013

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:	SOIL	Collected by:		08/20/13	0:00
Location Code:	EBC	Received by:	LB	08/21/13	17:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF27794
Phoenix ID: BF27799

Project ID: 72 BOX ST.
Client ID: B3 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	08/23/13	LK	SW6010
Aluminum	14700	58	mg/Kg	08/23/13	LK	SW6010
Arsenic	3.5	0.8	mg/Kg	08/23/13	LK	SW6010
Barium	33.2	0.39	mg/Kg	08/23/13	LK	SW6010
Beryllium	0.70	0.31	mg/Kg	08/23/13	LK	SW6010
Calcium	1150	5.8	mg/Kg	08/23/13	LK	SW6010
Cadmium	< 0.39	0.39	mg/Kg	08/23/13	LK	SW6010
Cobalt	5.73	0.39	mg/Kg	08/23/13	LK	SW6010
Chromium	23.8	0.39	mg/Kg	08/23/13	LK	SW6010
Copper	15.2	0.39	mg/kg	08/23/13	LK	SW6010
Iron	23100	58	mg/Kg	08/23/13	LK	SW6010
Mercury	< 0.08	0.08	mg/Kg	08/23/13	RS	SW-7471
Potassium	1200	5.8	mg/Kg	08/23/13	LK	SW6010
Magnesium	2660	5.8	mg/Kg	08/23/13	LK	SW6010
Manganese	175	3.9	mg/Kg	08/23/13	LK	SW6010
Sodium	185	5.8	mg/Kg	08/23/13	LK	SW6010
Nickel	16.3	0.39	mg/Kg	08/23/13	LK	SW6010
Lead	13.4	0.39	mg/Kg	08/23/13	LK	SW6010
Antimony	< 3.9	3.9	mg/Kg	08/23/13	LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	08/23/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	08/23/13	LK	SW6010
Vanadium	34.9	0.39	mg/Kg	08/23/13	LK	SW6010
Zinc	46.4	0.39	mg/Kg	08/23/13	LK	SW6010
Percent Solid	79		%	08/23/13	W	E160.3
Soil Extraction for PCB	Completed			08/22/13	IJ	SW3545
Soil Extraction for Pesticide	Completed			08/22/13	IJ/V	SW3545
Soil Extraction for SVOA	Completed			08/22/13	IJ/FV	SW3545
Mercury Digestion	Completed			08/23/13	X/X	SW7471

Project ID: 72 BOX ST.
Client ID: B3 8-10

Phoenix I.D.: BF27799

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			08/22/13	Z/AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	83	ug/Kg	08/23/13	AW	SW 8082	
PCB-1221	ND	83	ug/Kg	08/23/13	AW	SW 8082	
PCB-1232	ND	83	ug/Kg	08/23/13	AW	SW 8082	
PCB-1242	ND	83	ug/Kg	08/23/13	AW	SW 8082	
PCB-1248	ND	83	ug/Kg	08/23/13	AW	SW 8082	
PCB-1254	ND	83	ug/Kg	08/23/13	AW	SW 8082	
PCB-1260	ND	83	ug/Kg	08/23/13	AW	SW 8082	
PCB-1262	ND	83	ug/Kg	08/23/13	AW	SW 8082	
PCB-1268	ND	83	ug/Kg	08/23/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	72		%	08/23/13	AW	30 - 150 %	
% TCMX	60		%	08/23/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.5	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDE	ND	2.5	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDT	ND	2.5	ug/Kg	08/23/13	MH	SW8081	
a-BHC	ND	4.0	ug/Kg	08/23/13	MH	SW8081	
Alachlor	ND	4.0	ug/Kg	08/23/13	MH	SW8081	1
Aldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
b-BHC	ND	4.0	ug/Kg	08/23/13	MH	SW8081	
Chlordane	ND	12	ug/Kg	08/23/13	MH	SW8081	
d-BHC	ND	4.0	ug/Kg	08/23/13	MH	SW8081	
Dieldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Endosulfan I	ND	4.0	ug/Kg	08/23/13	MH	SW8081	
Endosulfan II	ND	8.0	ug/Kg	08/23/13	MH	SW8081	
Endosulfan sulfate	ND	8.0	ug/Kg	08/23/13	MH	SW8081	
Endrin	ND	8.0	ug/Kg	08/23/13	MH	SW8081	
Endrin aldehyde	ND	8.0	ug/Kg	08/23/13	MH	SW8081	
Endrin ketone	ND	8.0	ug/Kg	08/23/13	MH	SW8081	
g-BHC	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Heptachlor	ND	2.5	ug/Kg	08/23/13	MH	SW8081	
Heptachlor epoxide	ND	4.0	ug/Kg	08/23/13	MH	SW8081	
Methoxychlor	ND	40	ug/Kg	08/23/13	MH	SW8081	
Toxaphene	ND	40	ug/Kg	08/23/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	72		%	08/23/13	MH	30 - 150 %	
% TCMX	57		%	08/23/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
1,1-Dichloroethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
1,1-Dichloroethene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
1,1-Dichloropropene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	

Project ID: 72 BOX ST.
Client ID: B3 8-10

Phoenix I.D.: BF27799

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	320	ug/Kg	08/23/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	320	ug/Kg	08/23/13	R/P	SW8260	
1,2-Dibromoethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
1,2-Dichloroethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
1,2-Dichloropropane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
1,3-Dichloropropane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
2,2-Dichloropropane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
2-Chlorotoluene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
2-Hexanone	ND	32	ug/Kg	08/23/13	R/P	SW8260	
2-Isopropyltoluene	ND	320	ug/Kg	08/23/13	R/P	SW8260	1
4-Chlorotoluene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	32	ug/Kg	08/23/13	R/P	SW8260	
Acetone	ND	50	ug/Kg	08/23/13	R/P	SW8260	
Acrylonitrile	ND	13	ug/Kg	08/23/13	R/P	SW8260	
Benzene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Bromobenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
Bromochloromethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Bromodichloromethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Bromoform	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Bromomethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Carbon Disulfide	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Carbon tetrachloride	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Chlorobenzene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Chloroethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Chloroform	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Chloromethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Dibromochloromethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Dibromomethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Dichlorodifluoromethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Ethylbenzene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Hexachlorobutadiene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
Isopropylbenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
m&p-Xylene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	32	ug/Kg	08/23/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	08/23/13	R/P	SW8260	
Methylene chloride	ND	30	ug/Kg	08/23/13	R/P	SW8260	
Naphthalene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
n-Butylbenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
n-Propylbenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
o-Xylene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
p-Isopropyltoluene	ND	320	ug/Kg	08/23/13	R/P	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
sec-Butylbenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
Styrene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
tert-Butylbenzene	ND	320	ug/Kg	08/23/13	R/P	SW8260	
Tetrachloroethene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	13	ug/Kg	08/23/13	R/P	SW8260	1
Toluene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Total Xylenes	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	630	ug/Kg	08/23/13	R/P	SW8260	
Trichloroethene	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Trichlorofluoromethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
Vinyl chloride	ND	6.3	ug/Kg	08/23/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	08/23/13	R/P	70 - 130 %	
% Bromofluorobenzene	97		%	08/23/13	R/P	70 - 130 %	
% Dibromofluoromethane	99		%	08/23/13	R/P	70 - 130 %	
% Toluene-d8	98		%	08/23/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	410	ug/Kg	08/23/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	290	ug/Kg	08/23/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	290	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dichlorophenol	ND	290	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dimethylphenol	ND	290	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dinitrophenol	ND	660	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
2-Chloronaphthalene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
2-Chlorophenol	ND	290	ug/Kg	08/23/13	DD	SW 8270	
2-Methylnaphthalene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	290	ug/Kg	08/23/13	DD	SW 8270	
2-Nitroaniline	ND	660	ug/Kg	08/23/13	DD	SW 8270	
2-Nitrophenol	ND	290	ug/Kg	08/23/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	410	ug/Kg	08/23/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	290	ug/Kg	08/23/13	DD	SW 8270	
3-Nitroaniline	ND	660	ug/Kg	08/23/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	08/23/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	410	ug/Kg	08/23/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	290	ug/Kg	08/23/13	DD	SW 8270	
4-Chloroaniline	ND	290	ug/Kg	08/23/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	290	ug/Kg	08/23/13	DD	SW 8270	
4-Nitroaniline	ND	660	ug/Kg	08/23/13	DD	SW 8270	
4-Nitrophenol	ND	1200	ug/Kg	08/23/13	DD	SW 8270	

Project ID: 72 BOX ST.
Client ID: B3 8-10

Phoenix I.D.: BF27799

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acenaphthene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Acenaphthylene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Acetophenone	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Aniline	ND	1200	ug/Kg	08/23/13	DD	SW 8270	
Anthracene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Benz(a)anthracene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Benzidine	ND	490	ug/Kg	08/23/13	DD	SW 8270	
Benzo(a)pyrene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Benzo(ghi)perylene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Benzoic acid	ND	1200	ug/Kg	08/23/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	410	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	290	ug/Kg	08/23/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Carbazole	ND	620	ug/Kg	08/23/13	DD	SW 8270	
Chrysene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Dibenzofuran	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Diethyl phthalate	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Dimethylphthalate	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Di-n-butylphthalate	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Di-n-octylphthalate	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Fluoranthene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Fluorene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorobenzene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorobutadiene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Hexachloroethane	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Isophorone	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Naphthalene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Nitrobenzene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	410	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	290	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	410	ug/Kg	08/23/13	DD	SW 8270	
Pentachloronitrobenzene	ND	410	ug/Kg	08/23/13	DD	SW 8270	
Pentachlorophenol	ND	410	ug/Kg	08/23/13	DD	SW 8270	
Phenanthrene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Phenol	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Pyrene	ND	290	ug/Kg	08/23/13	DD	SW 8270	
Pyridine	ND	410	ug/Kg	08/23/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	80		%	08/23/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	78		%	08/23/13	DD	30 - 130 %	
% 2-Fluorophenol	100		%	08/23/13	DD	30 - 130 %	
% Nitrobenzene-d5	61		%	08/23/13	DD	30 - 130 %	
% Phenol-d5	97		%	08/23/13	DD	30 - 130 %	

Project ID: 72 BOX ST.
Client ID: B3 8-10

Phoenix I.D.: BF27799

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Terphenyl-d14	91		%	08/23/13	DD	30 - 130 %

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

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

8260 Analysis:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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

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

Phyllis Shiller, Laboratory Director
August 30, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 30, 2013

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:	SOIL	Collected by:		08/20/13	0:00
Location Code:	EBC	Received by:	LB	08/21/13	17:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF27794
Phoenix ID: BF27800

Project ID: 72 BOX ST.
Client ID: B4 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.41	0.41	mg/Kg	08/23/13	LK	SW6010
Aluminum	9790	62	mg/Kg	08/23/13	LK	SW6010
Arsenic	6.5	0.8	mg/Kg	08/23/13	LK	SW6010
Barium	88.2	0.41	mg/Kg	08/23/13	LK	SW6010
Beryllium	0.46	0.33	mg/Kg	08/23/13	LK	SW6010
Calcium	13500	62	mg/Kg	08/23/13	LK	SW6010
Cadmium	0.85	0.41	mg/Kg	08/23/13	LK	SW6010
Cobalt	7.03	0.41	mg/Kg	08/23/13	LK	SW6010
Chromium	18.9	0.41	mg/Kg	08/23/13	LK	SW6010
Copper	51.6	0.41	mg/kg	08/23/13	LK	SW6010
Iron	19100	62	mg/Kg	08/23/13	LK	SW6010
Mercury	0.70	0.08	mg/Kg	08/23/13	RS	SW-7471
Potassium	1560	6.2	mg/Kg	08/23/13	LK	SW6010
Magnesium	3580	6.2	mg/Kg	08/23/13	LK	SW6010
Manganese	222	4.1	mg/Kg	08/23/13	LK	SW6010
Sodium	190	6.2	mg/Kg	08/23/13	LK	SW6010
Nickel	19.6	0.41	mg/Kg	08/23/13	LK	SW6010
Lead	130	0.41	mg/Kg	08/23/13	LK	SW6010
Antimony	< 4.1	4.1	mg/Kg	08/23/13	LK	SW6010
Selenium	< 1.7	1.7	mg/Kg	08/23/13	LK	SW6010
Thallium	< 0.7	0.7	mg/Kg	08/23/13	LK	SW6010
Vanadium	31.7	0.41	mg/Kg	08/23/13	LK	SW6010
Zinc	227	4.1	mg/Kg	08/23/13	LK	SW6010
Percent Solid	83		%	08/23/13	W	E160.3
Soil Extraction for PCB	Completed			08/22/13	IJ	SW3545
Soil Extraction for Pesticide	Completed			08/22/13	IJ/V	SW3545
Soil Extraction for SVOA	Completed			08/22/13	IJ/FV	SW3545
Mercury Digestion	Completed			08/23/13	X/X	SW7471

Project ID: 72 BOX ST.
Client ID: B4 0-2

Phoenix I.D.: BF27800

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			08/22/13	Z/AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1221	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1232	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1242	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1248	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1254	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1260	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1262	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1268	ND	78	ug/Kg	08/23/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	70		%	08/23/13	AW	30 - 150 %	
% TCMX	60		%	08/23/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.4	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDE	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDT	ND*	2.3	ug/Kg	08/23/13	MH	SW8081	
a-BHC	ND	3.8	ug/Kg	08/23/13	MH	SW8081	
Alachlor	ND	3.8	ug/Kg	08/23/13	MH	SW8081	1
Aldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
b-BHC	ND	3.8	ug/Kg	08/23/13	MH	SW8081	
Chlordane	ND	12	ug/Kg	08/23/13	MH	SW8081	
d-BHC	ND	3.8	ug/Kg	08/23/13	MH	SW8081	
Dieldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Endosulfan I	ND	3.8	ug/Kg	08/23/13	MH	SW8081	
Endosulfan II	ND*	7.5	ug/Kg	08/23/13	MH	SW8081	
Endosulfan sulfate	ND	7.5	ug/Kg	08/23/13	MH	SW8081	
Endrin	ND*	7.5	ug/Kg	08/23/13	MH	SW8081	
Endrin aldehyde	ND	7.5	ug/Kg	08/23/13	MH	SW8081	
Endrin ketone	ND	7.5	ug/Kg	08/23/13	MH	SW8081	
g-BHC	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Heptachlor	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
Heptachlor epoxide	ND	3.8	ug/Kg	08/23/13	MH	SW8081	
Methoxychlor	ND*	38	ug/Kg	08/23/13	MH	SW8081	
Toxaphene	ND	38	ug/Kg	08/23/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	62		%	08/23/13	MH	30 - 150 %	
% TCMX	57		%	08/23/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
1,1-Dichloroethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
1,1-Dichloroethene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
1,1-Dichloropropene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	

Project ID: 72 BOX ST.
Client ID: B4 0-2

Phoenix I.D.: BF27800

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	300	ug/Kg	08/23/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	300	ug/Kg	08/23/13	R/J	SW8260	
1,2-Dibromoethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
1,2-Dichloroethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
1,2-Dichloropropane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
1,3-Dichloropropane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
2,2-Dichloropropane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
2-Chlorotoluene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
2-Hexanone	ND	30	ug/Kg	08/23/13	R/J	SW8260	
2-Isopropyltoluene	ND	300	ug/Kg	08/23/13	R/J	SW8260	1
4-Chlorotoluene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	30	ug/Kg	08/23/13	R/J	SW8260	
Acetone	ND	30	ug/Kg	08/23/13	R/J	SW8260	
Acrylonitrile	ND	12	ug/Kg	08/23/13	R/J	SW8260	
Benzene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Bromobenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
Bromochloromethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Bromodichloromethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Bromoform	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Bromomethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Carbon Disulfide	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Carbon tetrachloride	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Chlorobenzene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Chloroethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Chloroform	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Chloromethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Dibromochloromethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Dibromomethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Dichlorodifluoromethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Ethylbenzene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Hexachlorobutadiene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
Isopropylbenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
m&p-Xylene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	30	ug/Kg	08/23/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	08/23/13	R/J	SW8260	
Methylene chloride	ND	50	ug/Kg	08/23/13	R/J	SW8260	
Naphthalene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
n-Butylbenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
n-Propylbenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
o-Xylene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
p-Isopropyltoluene	ND	300	ug/Kg	08/23/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
sec-Butylbenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
Styrene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
tert-Butylbenzene	ND	300	ug/Kg	08/23/13	R/J	SW8260	
Tetrachloroethene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	12	ug/Kg	08/23/13	R/J	SW8260	1
Toluene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Total Xylenes	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	600	ug/Kg	08/23/13	R/J	SW8260	
Trichloroethene	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Trichlorofluoromethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
Vinyl chloride	ND	6.0	ug/Kg	08/23/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	08/23/13	R/J	70 - 130 %	
% Bromofluorobenzene	83		%	08/23/13	R/J	70 - 130 %	
% Dibromofluoromethane	105		%	08/23/13	R/J	70 - 130 %	
% Toluene-d8	96		%	08/23/13	R/J	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	400	ug/Kg	08/23/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	280	ug/Kg	08/23/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	280	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dichlorophenol	ND	280	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dimethylphenol	ND	280	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dinitrophenol	ND	630	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
2-Chloronaphthalene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
2-Chlorophenol	ND	280	ug/Kg	08/23/13	DD	SW 8270	
2-Methylnaphthalene	410	280	ug/Kg	08/23/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	280	ug/Kg	08/23/13	DD	SW 8270	
2-Nitroaniline	ND	630	ug/Kg	08/23/13	DD	SW 8270	
2-Nitrophenol	ND	280	ug/Kg	08/23/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	400	ug/Kg	08/23/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	280	ug/Kg	08/23/13	DD	SW 8270	
3-Nitroaniline	ND	630	ug/Kg	08/23/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	08/23/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	400	ug/Kg	08/23/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	280	ug/Kg	08/23/13	DD	SW 8270	
4-Chloroaniline	ND	280	ug/Kg	08/23/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	280	ug/Kg	08/23/13	DD	SW 8270	
4-Nitroaniline	ND	630	ug/Kg	08/23/13	DD	SW 8270	
4-Nitrophenol	ND	1200	ug/Kg	08/23/13	DD	SW 8270	

Project ID: 72 BOX ST.
Client ID: B4 0-2

Phoenix I.D.: BF27800

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acenaphthene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Acenaphthylene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Acetophenone	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Aniline	ND	1200	ug/Kg	08/23/13	DD	SW 8270	
Anthracene	360	280	ug/Kg	08/23/13	DD	SW 8270	
Benz(a)anthracene	1300	280	ug/Kg	08/23/13	DD	SW 8270	
Benzidine	ND	480	ug/Kg	08/23/13	DD	SW 8270	
Benzo(a)pyrene	1300	280	ug/Kg	08/23/13	DD	SW 8270	
Benzo(b)fluoranthene	1900	280	ug/Kg	08/23/13	DD	SW 8270	
Benzo(ghi)perylene	410	280	ug/Kg	08/23/13	DD	SW 8270	
Benzo(k)fluoranthene	560	280	ug/Kg	08/23/13	DD	SW 8270	
Benzoic acid	ND	1200	ug/Kg	08/23/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	400	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	280	ug/Kg	08/23/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Carbazole	ND	600	ug/Kg	08/23/13	DD	SW 8270	
Chrysene	1400	280	ug/Kg	08/23/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Dibenzofuran	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Diethyl phthalate	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Dimethylphthalate	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Di-n-butylphthalate	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Di-n-octylphthalate	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Fluoranthene	2400	280	ug/Kg	08/23/13	DD	SW 8270	
Fluorene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorobenzene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorobutadiene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Hexachloroethane	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	400	280	ug/Kg	08/23/13	DD	SW 8270	
Isophorone	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Naphthalene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Nitrobenzene	ND	280	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	400	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	400	ug/Kg	08/23/13	DD	SW 8270	
Pentachloronitrobenzene	ND	400	ug/Kg	08/23/13	DD	SW 8270	
Pentachlorophenol	ND	400	ug/Kg	08/23/13	DD	SW 8270	
Phenanthrene	2100	280	ug/Kg	08/23/13	DD	SW 8270	
Phenol	ND	280	ug/Kg	08/23/13	DD	SW 8270	
Pyrene	1900	280	ug/Kg	08/23/13	DD	SW 8270	
Pyridine	ND	400	ug/Kg	08/23/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	76		%	08/23/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	97		%	08/23/13	DD	30 - 130 %	
% 2-Fluorophenol	98		%	08/23/13	DD	30 - 130 %	
% Nitrobenzene-d5	77		%	08/23/13	DD	30 - 130 %	
% Phenol-d5	94		%	08/23/13	DD	30 - 130 %	

Project ID: 72 BOX ST. Phoenix I.D.: BF27800
Client ID: B4 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Terphenyl-d14	82		%	08/23/13	DD	30 - 130 %

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

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

* For Pesticides, The continuing calibration standards for Endrin, 4,4-DDT, Endosulfan II and Methoxyclor were below acceptable criteria. A negative sample bias is suspected.

8260 Analysis:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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

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

Phyllis Shiller, Laboratory Director
August 30, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 30, 2013

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:	SOIL	Collected by:		08/20/13	0:00
Location Code:	EBC	Received by:	LB	08/21/13	17:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF27794
Phoenix ID: BF27801

Project ID: 72 BOX ST.
Client ID: B4 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	08/23/13	LK	SW6010
Aluminum	9480	53	mg/Kg	08/23/13	LK	SW6010
Arsenic	9.8	0.7	mg/Kg	08/23/13	LK	SW6010
Barium	52.5	0.35	mg/Kg	08/23/13	LK	SW6010
Beryllium	0.55	0.28	mg/Kg	08/23/13	LK	SW6010
Calcium	850	5.3	mg/Kg	08/23/13	LK	SW6010
Cadmium	0.76	0.35	mg/Kg	08/23/13	LK	SW6010
Cobalt	8.15	0.35	mg/Kg	08/23/13	LK	SW6010
Chromium	26.7	0.35	mg/Kg	08/23/13	LK	SW6010
Copper	20.1	0.35	mg/kg	08/23/13	LK	SW6010
Iron	48200	53	mg/Kg	08/23/13	LK	SW6010
Mercury	< 0.07	0.07	mg/Kg	08/23/13	RS	SW-7471
Potassium	2080	5.3	mg/Kg	08/23/13	LK	SW6010
Magnesium	2510	5.3	mg/Kg	08/23/13	LK	SW6010
Manganese	590	3.5	mg/Kg	08/23/13	LK	SW6010
Sodium	116	5.3	mg/Kg	08/23/13	LK	SW6010
Nickel	19.0	0.35	mg/Kg	08/23/13	LK	SW6010
Lead	8.69	0.35	mg/Kg	08/23/13	LK	SW6010
Antimony	< 3.5	3.5	mg/Kg	08/23/13	LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	08/23/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	08/23/13	LK	SW6010
Vanadium	45.3	0.35	mg/Kg	08/23/13	LK	SW6010
Zinc	60.3	0.35	mg/Kg	08/23/13	LK	SW6010
Percent Solid	85		%	08/23/13	W	E160.3
Soil Extraction for PCB	Completed			08/22/13	IJ	SW3545
Soil Extraction for Pesticide	Completed			08/22/13	IJ/V	SW3545
Soil Extraction for SVOA	Completed			08/22/13	IJ/FV	SW3545
Mercury Digestion	Completed			08/23/13	X/X	SW7471

Project ID: 72 BOX ST.
Client ID: B4 8-10

Phoenix I.D.: BF27801

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			08/22/13	Z/AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1221	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1232	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1242	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1248	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1254	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1260	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1262	ND	78	ug/Kg	08/23/13	AW	SW 8082	
PCB-1268	ND	78	ug/Kg	08/23/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	80		%	08/23/13	AW	30 - 150 %	
% TCMX	77		%	08/23/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDE	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDT	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
a-BHC	ND	3.8	ug/Kg	08/23/13	MH	SW8081	
Alachlor	ND	3.8	ug/Kg	08/23/13	MH	SW8081	1
Aldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
b-BHC	ND	3.8	ug/Kg	08/23/13	MH	SW8081	
Chlordane	ND	12	ug/Kg	08/23/13	MH	SW8081	
d-BHC	ND	3.8	ug/Kg	08/23/13	MH	SW8081	
Dieldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Endosulfan I	ND	3.8	ug/Kg	08/23/13	MH	SW8081	
Endosulfan II	ND	7.5	ug/Kg	08/23/13	MH	SW8081	
Endosulfan sulfate	ND	7.5	ug/Kg	08/23/13	MH	SW8081	
Endrin	ND	7.5	ug/Kg	08/23/13	MH	SW8081	
Endrin aldehyde	ND	7.5	ug/Kg	08/23/13	MH	SW8081	
Endrin ketone	ND	7.5	ug/Kg	08/23/13	MH	SW8081	
g-BHC	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Heptachlor	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
Heptachlor epoxide	ND	3.8	ug/Kg	08/23/13	MH	SW8081	
Methoxychlor	ND	38	ug/Kg	08/23/13	MH	SW8081	
Toxaphene	ND	38	ug/Kg	08/23/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	70		%	08/23/13	MH	30 - 150 %	
% TCMX	58		%	08/23/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,1-Dichloroethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,1-Dichloroethene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,1-Dichloropropene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	

Project ID: 72 BOX ST.
Client ID: B4 8-10

Phoenix I.D.: BF27801

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,2-Dibromoethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,2-Dichloroethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,2-Dichloropropane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,3-Dichloropropane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
2,2-Dichloropropane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
2-Chlorotoluene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
2-Hexanone	ND	29	ug/Kg	08/23/13	R/P	SW8260	
2-Isopropyltoluene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	1
4-Chlorotoluene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	29	ug/Kg	08/23/13	R/P	SW8260	
Acetone	ND	29	ug/Kg	08/23/13	R/P	SW8260	
Acrylonitrile	ND	12	ug/Kg	08/23/13	R/P	SW8260	
Benzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Bromobenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Bromochloromethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Bromodichloromethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Bromoform	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Bromomethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Carbon Disulfide	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Carbon tetrachloride	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Chlorobenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Chloroethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Chloroform	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Chloromethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Dibromochloromethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Dibromomethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Dichlorodifluoromethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Ethylbenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Hexachlorobutadiene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Isopropylbenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
m&p-Xylene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	29	ug/Kg	08/23/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	08/23/13	R/P	SW8260	
Methylene chloride	ND	12	ug/Kg	08/23/13	R/P	SW8260	
Naphthalene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
n-Butylbenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
n-Propylbenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
o-Xylene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
p-Isopropyltoluene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
sec-Butylbenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Styrene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
tert-Butylbenzene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Tetrachloroethene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	12	ug/Kg	08/23/13	R/P	SW8260	1
Toluene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Total Xylenes	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	08/23/13	R/P	SW8260	
Trichloroethene	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Trichlorofluoromethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
Vinyl chloride	ND	5.8	ug/Kg	08/23/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	08/23/13	R/P	70 - 130 %	
% Bromofluorobenzene	94		%	08/23/13	R/P	70 - 130 %	
% Dibromofluoromethane	99		%	08/23/13	R/P	70 - 130 %	
% Toluene-d8	99		%	08/23/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	390	ug/Kg	08/23/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	270	ug/Kg	08/23/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	270	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dichlorophenol	ND	270	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dimethylphenol	ND	270	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dinitrophenol	ND	620	ug/Kg	08/23/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
2-Chloronaphthalene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
2-Chlorophenol	ND	270	ug/Kg	08/23/13	DD	SW 8270	
2-Methylnaphthalene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	270	ug/Kg	08/23/13	DD	SW 8270	
2-Nitroaniline	ND	620	ug/Kg	08/23/13	DD	SW 8270	
2-Nitrophenol	ND	270	ug/Kg	08/23/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	08/23/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	270	ug/Kg	08/23/13	DD	SW 8270	
3-Nitroaniline	ND	620	ug/Kg	08/23/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	08/23/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	390	ug/Kg	08/23/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	270	ug/Kg	08/23/13	DD	SW 8270	
4-Chloroaniline	ND	270	ug/Kg	08/23/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	08/23/13	DD	SW 8270	
4-Nitroaniline	ND	620	ug/Kg	08/23/13	DD	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	08/23/13	DD	SW 8270	

Project ID: 72 BOX ST.
Client ID: B4 8-10

Phoenix I.D.: BF27801

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acenaphthene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Acenaphthylene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Acetophenone	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	08/23/13	DD	SW 8270	
Anthracene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Benz(a)anthracene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Benzidine	ND	460	ug/Kg	08/23/13	DD	SW 8270	
Benzo(a)pyrene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Benzo(ghi)perylene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	08/23/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	08/23/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	08/23/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Carbazole	ND	580	ug/Kg	08/23/13	DD	SW 8270	
Chrysene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Dibenzofuran	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Fluoranthene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Fluorene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Hexachloroethane	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Isophorone	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Naphthalene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Nitrobenzene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	390	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	08/23/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	390	ug/Kg	08/23/13	DD	SW 8270	
Pentachloronitrobenzene	ND	390	ug/Kg	08/23/13	DD	SW 8270	
Pentachlorophenol	ND	390	ug/Kg	08/23/13	DD	SW 8270	
Phenanthrene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Phenol	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Pyrene	ND	270	ug/Kg	08/23/13	DD	SW 8270	
Pyridine	ND	390	ug/Kg	08/23/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	84		%	08/23/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	97		%	08/23/13	DD	30 - 130 %	
% 2-Fluorophenol	100		%	08/23/13	DD	30 - 130 %	
% Nitrobenzene-d5	77		%	08/23/13	DD	30 - 130 %	
% Phenol-d5	96		%	08/23/13	DD	30 - 130 %	

Project ID: 72 BOX ST. Phoenix I.D.: BF27801
Client ID: B4 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Terphenyl-d14	83		%	08/23/13	DD	30 - 130 %

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

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

Phyllis Shiller, Laboratory Director
August 30, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 30, 2013

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:	SOIL	Collected by:		08/20/13	0:00
Location Code:	EBC	Received by:	LB	08/21/13	17:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF27794
Phoenix ID: BF27802

Project ID: 72 BOX ST.
Client ID: B5 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.50	0.50	mg/Kg	08/22/13	LK	SW6010
Aluminum	8860	52	mg/Kg	08/22/13	EK	SW6010
Arsenic	7.8	0.7	mg/Kg	08/22/13	LK	SW6010
Barium	217	0.35	mg/Kg	08/22/13	LK	SW6010
Beryllium	0.47	0.28	mg/Kg	08/22/13	LK	SW6010
Calcium	28000	52	mg/Kg	08/22/13	EK	SW6010
Cadmium	1.86	0.35	mg/Kg	08/22/13	LK	SW6010
Cobalt	6.66	0.35	mg/Kg	08/22/13	LK	SW6010
Chromium	19.3	0.35	mg/Kg	08/22/13	LK	SW6010
Copper	51.2	0.35	mg/kg	08/22/13	LK	SW6010
Iron	21500	52	mg/Kg	08/22/13	EK	SW6010
Mercury	0.27	0.09	mg/Kg	08/23/13	RS	SW-7471
Potassium	1480	5.2	mg/Kg	08/22/13	LK	SW6010
Magnesium	3020	5.2	mg/Kg	08/22/13	LK	SW6010
Manganese	404	3.5	mg/Kg	08/22/13	EK	SW6010
Sodium	486	5.2	mg/Kg	08/22/13	LK	SW6010
Nickel	18.6	0.35	mg/Kg	08/22/13	LK	SW6010
Lead	313	3.5	mg/Kg	08/22/13	EK	SW6010
Antimony	< 3.5	3.5	mg/Kg	08/22/13	LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	08/22/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	08/22/13	LK	SW6010
Vanadium	40.7	0.35	mg/Kg	08/22/13	LK	SW6010
Zinc	296	3.5	mg/Kg	08/22/13	EK	SW6010
Percent Solid	87		%	08/22/13	W	E160.3
Soil Extraction for PCB	Completed			08/21/13	JI	SW3545
Soil Extraction for Pesticide	Completed			08/21/13	JI/V	SW3545
Soil Extraction for SVOA	Completed			08/21/13	JI/FV	SW3545
Mercury Digestion	Completed			08/23/13	X/X	SW7471

Project ID: 72 BOX ST.
Client ID: B5 0-2

Phoenix I.D.: BF27802

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			08/21/13	Z/AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	76	ug/Kg	08/23/13	AW	SW 8082	
PCB-1221	ND	76	ug/Kg	08/23/13	AW	SW 8082	
PCB-1232	ND	76	ug/Kg	08/23/13	AW	SW 8082	
PCB-1242	ND	76	ug/Kg	08/23/13	AW	SW 8082	
PCB-1248	ND	76	ug/Kg	08/23/13	AW	SW 8082	
PCB-1254	ND	76	ug/Kg	08/23/13	AW	SW 8082	
PCB-1260	120	76	ug/Kg	08/23/13	AW	SW 8082	
PCB-1262	ND	76	ug/Kg	08/23/13	AW	SW 8082	
PCB-1268	ND	76	ug/Kg	08/23/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	77		%	08/23/13	AW	30 - 150 %	
% TCMX	77		%	08/23/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND**	9.9	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDE	ND	2.7	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDT	ND**	5.2	ug/Kg	08/23/13	MH	SW8081	
a-BHC	ND	3.6	ug/Kg	08/23/13	MH	SW8081	
Alachlor	ND	3.6	ug/Kg	08/23/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	08/23/13	MH	SW8081	
b-BHC	ND	3.6	ug/Kg	08/23/13	MH	SW8081	
Chlordane	ND	11	ug/Kg	08/23/13	MH	SW8081	
d-BHC	ND	3.6	ug/Kg	08/23/13	MH	SW8081	
Dieldrin	ND	1.1	ug/Kg	08/23/13	MH	SW8081	
Endosulfan I	ND	3.6	ug/Kg	08/23/13	MH	SW8081	
Endosulfan II	ND*	7.3	ug/Kg	08/23/13	MH	SW8081	
Endosulfan sulfate	ND	7.3	ug/Kg	08/23/13	MH	SW8081	
Endrin	ND*	7.3	ug/Kg	08/23/13	MH	SW8081	
Endrin aldehyde	ND	7.3	ug/Kg	08/23/13	MH	SW8081	
Endrin ketone	ND	7.3	ug/Kg	08/23/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	08/23/13	MH	SW8081	
Heptachlor	ND	2.3	ug/Kg	08/23/13	MH	SW8081	
Heptachlor epoxide	ND	3.6	ug/Kg	08/23/13	MH	SW8081	
Methoxychlor	ND*	36	ug/Kg	08/23/13	MH	SW8081	
Toxaphene	ND	36	ug/Kg	08/23/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	66		%	08/23/13	MH	30 - 150 %	
% TCMX	63		%	08/23/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloropropene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	

Project ID: 72 BOX ST.
Client ID: B5 0-2

Phoenix I.D.: BF27802

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromoethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloroethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloropropane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichloropropane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
2,2-Dichloropropane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
2-Chlorotoluene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
2-Hexanone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
2-Isopropyltoluene	ND	290	ug/Kg	08/22/13	R/P	SW8260	1
4-Chlorotoluene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
Acetone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
Acrylonitrile	ND	11	ug/Kg	08/22/13	R/P	SW8260	
Benzene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Bromobenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
Bromochloromethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Bromodichloromethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Bromoform	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Bromomethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Carbon Disulfide	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Carbon tetrachloride	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Chlorobenzene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Chloroethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Chloroform	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Chloromethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Dibromochloromethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Dibromomethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Dichlorodifluoromethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Ethylbenzene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Hexachlorobutadiene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
Isopropylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
m&p-Xylene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	29	ug/Kg	08/22/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	08/22/13	R/P	SW8260	
Methylene chloride	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Naphthalene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
n-Butylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
n-Propylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
o-Xylene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
p-Isopropyltoluene	ND	290	ug/Kg	08/22/13	R/P	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
sec-Butylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
Styrene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
tert-Butylbenzene	ND	290	ug/Kg	08/22/13	R/P	SW8260	
Tetrachloroethene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	08/22/13	R/P	SW8260	1
Toluene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Total Xylenes	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	570	ug/Kg	08/22/13	R/P	SW8260	
Trichloroethene	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Trichlorofluoromethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
Vinyl chloride	ND	5.7	ug/Kg	08/22/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	08/22/13	R/P	70 - 130 %	
% Bromofluorobenzene	93		%	08/22/13	R/P	70 - 130 %	
% Dibromofluoromethane	110		%	08/22/13	R/P	70 - 130 %	
% Toluene-d8	98		%	08/22/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	740	ug/Kg	08/22/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dichlorophenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dimethylphenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrophenol	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2-Chloronaphthalene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2-Chlorophenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2-Methylnaphthalene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2-Nitroaniline	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
2-Nitrophenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	740	ug/Kg	08/22/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	520	ug/Kg	08/22/13	DD	SW 8270	
3-Nitroaniline	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2200	ug/Kg	08/22/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	740	ug/Kg	08/22/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
4-Chloroaniline	ND	520	ug/Kg	08/22/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	520	ug/Kg	08/22/13	DD	SW 8270	
4-Nitroaniline	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
4-Nitrophenol	ND	2200	ug/Kg	08/22/13	DD	SW 8270	

Project ID: 72 BOX ST.
Client ID: B5 0-2

Phoenix I.D.: BF27802

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acenaphthene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Acenaphthylene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Acetophenone	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Aniline	ND	2200	ug/Kg	08/22/13	DD	SW 8270	
Anthracene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Benz(a)anthracene	1000	520	ug/Kg	08/22/13	DD	SW 8270	
Benzidine	ND	890	ug/Kg	08/22/13	DD	SW 8270	
Benzo(a)pyrene	2100	520	ug/Kg	08/22/13	DD	SW 8270	
Benzo(b)fluoranthene	1200	520	ug/Kg	08/22/13	DD	SW 8270	
Benzo(ghi)perylene	2200	520	ug/Kg	08/22/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Benzoic acid	ND	2200	ug/Kg	08/22/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	740	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	520	ug/Kg	08/22/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Carbazole	ND	1100	ug/Kg	08/22/13	DD	SW 8270	
Chrysene	1300	520	ug/Kg	08/22/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Dibenzofuran	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Diethyl phthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Dimethylphthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Di-n-butylphthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Di-n-octylphthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Fluoranthene	1400	520	ug/Kg	08/22/13	DD	SW 8270	
Fluorene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobutadiene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Hexachloroethane	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Isophorone	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Naphthalene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Nitrobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	740	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	520	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	740	ug/Kg	08/22/13	DD	SW 8270	
Pentachloronitrobenzene	ND	740	ug/Kg	08/22/13	DD	SW 8270	
Pentachlorophenol	ND	740	ug/Kg	08/22/13	DD	SW 8270	
Phenanthrene	1200	520	ug/Kg	08/22/13	DD	SW 8270	
Phenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Pyrene	1300	520	ug/Kg	08/22/13	DD	SW 8270	
Pyridine	ND	740	ug/Kg	08/22/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	79		%	08/22/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	110		%	08/22/13	DD	30 - 130 %	
% 2-Fluorophenol	99		%	08/22/13	DD	30 - 130 %	
% Nitrobenzene-d5	83		%	08/22/13	DD	30 - 130 %	
% Phenol-d5	94		%	08/22/13	DD	30 - 130 %	

Project ID: 72 BOX ST. Phoenix I.D.: BF27802
Client ID: B5 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Terphenyl-d14	86		%	08/22/13	DD	30 - 130 %

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

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

* 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.

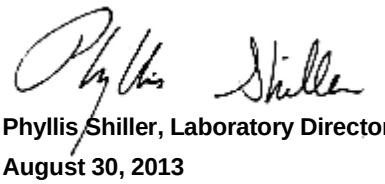
8260 Analysis:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

* For Pesticides, The continuing calibration standards for Endrin, 4,4-DDT, Endosulfan II and Methoxyclor were below acceptable criteria. A negative sample bias is suspected.

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

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

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



Phyllis Shiller, Laboratory Director
August 30, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 30, 2013

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:	SOIL	Collected by:		08/20/13	0:00
Location Code:	EBC	Received by:	LB	08/21/13	17:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF27794
Phoenix ID: BF27803

Project ID: 72 BOX ST.
Client ID: B5 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	08/22/13	LK	SW6010
Aluminum	13900	56	mg/Kg	08/22/13	EK	SW6010
Arsenic	5.3	0.7	mg/Kg	08/22/13	LK	SW6010
Barium	42.5	0.37	mg/Kg	08/22/13	LK	SW6010
Beryllium	0.59	0.30	mg/Kg	08/22/13	LK	SW6010
Calcium	1770	5.6	mg/Kg	08/22/13	LK	SW6010
Cadmium	0.45	0.37	mg/Kg	08/22/13	LK	SW6010
Cobalt	8.94	0.37	mg/Kg	08/22/13	LK	SW6010
Chromium	28.5	0.37	mg/Kg	08/22/13	LK	SW6010
Copper	22.1	0.37	mg/kg	08/22/13	LK	SW6010
Iron	22200	56	mg/Kg	08/22/13	EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	08/23/13	RS	SW-7471
Potassium	1210	5.6	mg/Kg	08/22/13	LK	SW6010
Magnesium	2890	5.6	mg/Kg	08/22/13	LK	SW6010
Manganese	173	3.7	mg/Kg	08/22/13	EK	SW6010
Sodium	159	5.6	mg/Kg	08/22/13	LK	SW6010
Nickel	19.7	0.37	mg/Kg	08/22/13	LK	SW6010
Lead	19.5	0.37	mg/Kg	08/22/13	LK	SW6010
Antimony	< 3.7	3.7	mg/Kg	08/22/13	LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	08/22/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	08/22/13	LK	SW6010
Vanadium	38.8	0.37	mg/Kg	08/22/13	LK	SW6010
Zinc	59.6	0.37	mg/Kg	08/22/13	LK	SW6010
Percent Solid	79		%	08/22/13	W	E160.3
Soil Extraction for PCB	Completed			08/21/13	JI	SW3545
Soil Extraction for Pesticide	Completed			08/21/13	JI/V	SW3545
Soil Extraction for SVOA	Completed			08/21/13	JI/FV	SW3545
Mercury Digestion	Completed			08/23/13	X/X	SW7471

Project ID: 72 BOX ST.
Client ID: B5 8-10

Phoenix I.D.: BF27803

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			08/21/13	Z/AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	84	ug/Kg	08/23/13	AW	SW 8082	
PCB-1221	ND	84	ug/Kg	08/23/13	AW	SW 8082	
PCB-1232	ND	84	ug/Kg	08/23/13	AW	SW 8082	
PCB-1242	ND	84	ug/Kg	08/23/13	AW	SW 8082	
PCB-1248	ND	84	ug/Kg	08/23/13	AW	SW 8082	
PCB-1254	ND	84	ug/Kg	08/23/13	AW	SW 8082	
PCB-1260	ND	84	ug/Kg	08/23/13	AW	SW 8082	
PCB-1262	ND	84	ug/Kg	08/23/13	AW	SW 8082	
PCB-1268	ND	84	ug/Kg	08/23/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	70		%	08/23/13	AW	30 - 150 %	
% TCMX	58		%	08/23/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.5	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDE	ND	2.5	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDT	ND	2.5	ug/Kg	08/23/13	MH	SW8081	
a-BHC	ND	4.0	ug/Kg	08/23/13	MH	SW8081	
Alachlor	ND	4.0	ug/Kg	08/23/13	MH	SW8081	1
Aldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
b-BHC	ND	4.0	ug/Kg	08/23/13	MH	SW8081	
Chlordane	ND	12	ug/Kg	08/23/13	MH	SW8081	
d-BHC	ND	4.0	ug/Kg	08/23/13	MH	SW8081	
Dieldrin	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Endosulfan I	ND	4.0	ug/Kg	08/23/13	MH	SW8081	
Endosulfan II	ND	8.0	ug/Kg	08/23/13	MH	SW8081	
Endosulfan sulfate	ND	8.0	ug/Kg	08/23/13	MH	SW8081	
Endrin	ND	8.0	ug/Kg	08/23/13	MH	SW8081	
Endrin aldehyde	ND	8.0	ug/Kg	08/23/13	MH	SW8081	
Endrin ketone	ND	8.0	ug/Kg	08/23/13	MH	SW8081	
g-BHC	ND	1.2	ug/Kg	08/23/13	MH	SW8081	
Heptachlor	ND	2.5	ug/Kg	08/23/13	MH	SW8081	
Heptachlor epoxide	ND	4.0	ug/Kg	08/23/13	MH	SW8081	
Methoxychlor	ND	40	ug/Kg	08/23/13	MH	SW8081	
Toxaphene	ND	40	ug/Kg	08/23/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	70		%	08/23/13	MH	30 - 150 %	
% TCMX	57		%	08/23/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloropropene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	

Project ID: 72 BOX ST.
Client ID: B5 8-10

Phoenix I.D.: BF27803

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromoethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloroethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloropropane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichloropropane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
2,2-Dichloropropane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
2-Chlorotoluene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
2-Hexanone	ND	31	ug/Kg	08/22/13	R/P	SW8260	
2-Isopropyltoluene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	1
4-Chlorotoluene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	31	ug/Kg	08/22/13	R/P	SW8260	
Acetone	ND	31	ug/Kg	08/22/13	R/P	SW8260	
Acrylonitrile	ND	13	ug/Kg	08/22/13	R/P	SW8260	
Benzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Bromobenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Bromochloromethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Bromodichloromethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Bromoform	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Bromomethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Carbon Disulfide	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Carbon tetrachloride	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Chlorobenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Chloroethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Chloroform	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Chloromethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Dibromochloromethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Dibromomethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Dichlorodifluoromethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Ethylbenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Hexachlorobutadiene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Isopropylbenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
m&p-Xylene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	31	ug/Kg	08/22/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	08/22/13	R/P	SW8260	
Methylene chloride	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Naphthalene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
n-Butylbenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
n-Propylbenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
o-Xylene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
p-Isopropyltoluene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
sec-Butylbenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Styrene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
tert-Butylbenzene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Tetrachloroethene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	13	ug/Kg	08/22/13	R/P	SW8260	1
Toluene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Total Xylenes	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	08/22/13	R/P	SW8260	
Trichloroethene	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Trichlorofluoromethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
Vinyl chloride	ND	6.3	ug/Kg	08/22/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	08/22/13	R/P	70 - 130 %	
% Bromofluorobenzene	87		%	08/22/13	R/P	70 - 130 %	
% Dibromofluoromethane	105		%	08/22/13	R/P	70 - 130 %	
% Toluene-d8	99		%	08/22/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	410	ug/Kg	08/22/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	290	ug/Kg	08/22/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	290	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dichlorophenol	ND	290	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dimethylphenol	ND	290	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrophenol	ND	660	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
2-Chloronaphthalene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
2-Chlorophenol	ND	290	ug/Kg	08/22/13	DD	SW 8270	
2-Methylnaphthalene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	290	ug/Kg	08/22/13	DD	SW 8270	
2-Nitroaniline	ND	660	ug/Kg	08/22/13	DD	SW 8270	
2-Nitrophenol	ND	290	ug/Kg	08/22/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	410	ug/Kg	08/22/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	290	ug/Kg	08/22/13	DD	SW 8270	
3-Nitroaniline	ND	660	ug/Kg	08/22/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	410	ug/Kg	08/22/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	290	ug/Kg	08/22/13	DD	SW 8270	
4-Chloroaniline	ND	290	ug/Kg	08/22/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	290	ug/Kg	08/22/13	DD	SW 8270	
4-Nitroaniline	ND	660	ug/Kg	08/22/13	DD	SW 8270	
4-Nitrophenol	ND	1200	ug/Kg	08/22/13	DD	SW 8270	

Project ID: 72 BOX ST.
Client ID: B5 8-10

Phoenix I.D.: BF27803

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acenaphthene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Acenaphthylene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Acetophenone	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Aniline	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
Anthracene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Benz(a)anthracene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Benzidine	ND	490	ug/Kg	08/22/13	DD	SW 8270	
Benzo(a)pyrene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Benzo(ghi)perylene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Benzoic acid	ND	1200	ug/Kg	08/22/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	410	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	290	ug/Kg	08/22/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Carbazole	ND	620	ug/Kg	08/22/13	DD	SW 8270	
Chrysene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Dibenzofuran	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Diethyl phthalate	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Dimethylphthalate	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Di-n-butylphthalate	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Di-n-octylphthalate	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Fluoranthene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Fluorene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobenzene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobutadiene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Hexachloroethane	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Isophorone	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Naphthalene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Nitrobenzene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	410	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	290	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	410	ug/Kg	08/22/13	DD	SW 8270	
Pentachloronitrobenzene	ND	410	ug/Kg	08/22/13	DD	SW 8270	
Pentachlorophenol	ND	410	ug/Kg	08/22/13	DD	SW 8270	
Phenanthrene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Phenol	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Pyrene	ND	290	ug/Kg	08/22/13	DD	SW 8270	
Pyridine	ND	410	ug/Kg	08/22/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	96		%	08/22/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	81		%	08/22/13	DD	30 - 130 %	
% 2-Fluorophenol	72		%	08/22/13	DD	30 - 130 %	
% Nitrobenzene-d5	88		%	08/22/13	DD	30 - 130 %	
% Phenol-d5	80		%	08/22/13	DD	30 - 130 %	

Project ID: 72 BOX ST.
Client ID: B5 8-10

Phoenix I.D.: BF27803

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Terphenyl-d14	93		%	08/22/13	DD	30 - 130 %

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

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 30, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 30, 2013

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:	SOIL	Collected by:		08/20/13	0:00
Location Code:	EBC	Received by:	LB	08/21/13	17:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF27794
Phoenix ID: BF27804

Project ID: 72 BOX ST.
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	08/22/13	LK	SW6010
Aluminum	5740	57	mg/Kg	08/22/13	EK	SW6010
Arsenic	9.2	0.8	mg/Kg	08/22/13	LK	SW6010
Barium	276	0.38	mg/Kg	08/22/13	LK	SW6010
Beryllium	0.40	0.30	mg/Kg	08/22/13	LK	SW6010
Calcium	13700	57	mg/Kg	08/22/13	EK	SW6010
Cadmium	1.77	0.38	mg/Kg	08/22/13	LK	SW6010
Cobalt	5.27	0.38	mg/Kg	08/22/13	LK	SW6010
Chromium	19.5	0.38	mg/Kg	08/22/13	LK	SW6010
Copper	102	0.38	mg/kg	08/22/13	LK	SW6010
Iron	22700	57	mg/Kg	08/22/13	EK	SW6010
Mercury	0.89	0.06	mg/Kg	08/23/13	RS	SW-7471
Potassium	925	5.7	mg/Kg	08/22/13	LK	SW6010
Magnesium	3230	5.7	mg/Kg	08/22/13	LK	SW6010
Manganese	246	3.8	mg/Kg	08/22/13	EK	SW6010
Sodium	315	5.7	mg/Kg	08/22/13	LK	SW6010
Nickel	18.6	0.38	mg/Kg	08/22/13	LK	SW6010
Lead	506	3.8	mg/Kg	08/22/13	EK	SW6010
Antimony	< 3.8	3.8	mg/Kg	08/22/13	LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	08/22/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	08/22/13	LK	SW6010
Vanadium	28.0	0.38	mg/Kg	08/22/13	LK	SW6010
Zinc	385	3.8	mg/Kg	08/22/13	EK	SW6010
Percent Solid	89		%	08/22/13	W	E160.3
Soil Extraction for PCB	Completed			08/21/13	JI	SW3545
Soil Extraction for Pesticide	Completed			08/21/13	JI/V	SW3545
Soil Extraction for SVOA	Completed			08/21/13	JI/FV	SW3545
Mercury Digestion	Completed			08/23/13	X/X	SW7471

Project ID: 72 BOX ST.
Client ID: DUPLICATE

Phoenix I.D.: BF27804

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			08/21/13	Z/AG	SW846 - 3050	
Polychlorinated Biphenyls							
PCB-1016	ND	73	ug/Kg	08/22/13	AW	SW 8082	
PCB-1221	ND	73	ug/Kg	08/22/13	AW	SW 8082	
PCB-1232	ND	73	ug/Kg	08/22/13	AW	SW 8082	
PCB-1242	ND	73	ug/Kg	08/22/13	AW	SW 8082	
PCB-1248	ND	73	ug/Kg	08/22/13	AW	SW 8082	
PCB-1254	ND	73	ug/Kg	08/22/13	AW	SW 8082	
PCB-1260	ND	73	ug/Kg	08/22/13	AW	SW 8082	
PCB-1262	ND	73	ug/Kg	08/22/13	AW	SW 8082	
PCB-1268	ND	73	ug/Kg	08/22/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	43		%	08/22/13	AW	30 - 150 %	
% TCMX	38		%	08/22/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	3.3	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDE	ND	2.2	ug/Kg	08/23/13	MH	SW8081	
4,4' -DDT	ND*	2.2	ug/Kg	08/23/13	MH	SW8081	
a-BHC	ND	3.5	ug/Kg	08/23/13	MH	SW8081	
Alachlor	ND	3.5	ug/Kg	08/23/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	08/23/13	MH	SW8081	
b-BHC	ND	3.5	ug/Kg	08/23/13	MH	SW8081	
Chlordane	ND	11	ug/Kg	08/23/13	MH	SW8081	
d-BHC	ND	3.5	ug/Kg	08/23/13	MH	SW8081	
Dieldrin	ND	1.1	ug/Kg	08/23/13	MH	SW8081	
Endosulfan I	ND	3.5	ug/Kg	08/23/13	MH	SW8081	
Endosulfan II	ND*	7.0	ug/Kg	08/23/13	MH	SW8081	
Endosulfan sulfate	ND	7.0	ug/Kg	08/23/13	MH	SW8081	
Endrin	ND*	7.0	ug/Kg	08/23/13	MH	SW8081	
Endrin aldehyde	ND	7.0	ug/Kg	08/23/13	MH	SW8081	
Endrin ketone	ND	7.0	ug/Kg	08/23/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	08/23/13	MH	SW8081	
Heptachlor	ND	2.2	ug/Kg	08/23/13	MH	SW8081	
Heptachlor epoxide	ND	3.5	ug/Kg	08/23/13	MH	SW8081	
Methoxychlor	ND*	35	ug/Kg	08/23/13	MH	SW8081	
Toxaphene	ND	35	ug/Kg	08/23/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	42		%	08/23/13	MH	30 - 150 %	
% TCMX	41		%	08/23/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1,1-Trichloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1,2-Trichloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloroethene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,1-Dichloropropene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	

Project ID: 72 BOX ST.
Client ID: DUPLICATE

Phoenix I.D.: BF27804

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,2,3-Trichlorobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2,3-Trichloropropane	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2,4-Trimethylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dibromoethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichlorobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,2-Dichloropropane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,3,5-Trimethylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichlorobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
1,3-Dichloropropane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
1,4-Dichlorobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
2,2-Dichloropropane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
2-Chlorotoluene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
2-Hexanone	ND	28	ug/Kg	08/22/13	R/P	SW8260	
2-Isopropyltoluene	ND	280	ug/Kg	08/22/13	R/P	SW8260	1
4-Chlorotoluene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
4-Methyl-2-pentanone	ND	28	ug/Kg	08/22/13	R/P	SW8260	
Acetone	ND	28	ug/Kg	08/22/13	R/P	SW8260	
Acrylonitrile	ND	11	ug/Kg	08/22/13	R/P	SW8260	
Benzene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Bromobenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
Bromochloromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Bromodichloromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Bromoform	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Bromomethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Carbon Disulfide	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Carbon tetrachloride	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Chlorobenzene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Chloroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Chloroform	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Chloromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Dibromochloromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Dibromomethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Dichlorodifluoromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Ethylbenzene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Hexachlorobutadiene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
Isopropylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
m&p-Xylene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Methyl Ethyl Ketone	ND	28	ug/Kg	08/22/13	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	08/22/13	R/P	SW8260	
Methylene chloride	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Naphthalene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
n-Butylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
n-Propylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
o-Xylene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
p-Isopropyltoluene	ND	280	ug/Kg	08/22/13	R/P	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
sec-Butylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
Styrene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
tert-Butylbenzene	ND	280	ug/Kg	08/22/13	R/P	SW8260	
Tetrachloroethene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	08/22/13	R/P	SW8260	1
Toluene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Total Xylenes	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
trans-1,4-dichloro-2-butene	ND	560	ug/Kg	08/22/13	R/P	SW8260	
Trichloroethene	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Trichlorofluoromethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Trichlorotrifluoroethane	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
Vinyl chloride	ND	5.6	ug/Kg	08/22/13	R/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	08/22/13	R/P	70 - 130 %	
% Bromofluorobenzene	94		%	08/22/13	R/P	70 - 130 %	
% Dibromofluoromethane	113		%	08/22/13	R/P	70 - 130 %	
% Toluene-d8	97		%	08/22/13	R/P	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	750	ug/Kg	08/22/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dichlorophenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dimethylphenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrophenol	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2-Chloronaphthalene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2-Chlorophenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2-Methylnaphthalene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	520	ug/Kg	08/22/13	DD	SW 8270	
2-Nitroaniline	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
2-Nitrophenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	750	ug/Kg	08/22/13	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	520	ug/Kg	08/22/13	DD	SW 8270	
3-Nitroaniline	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2200	ug/Kg	08/22/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	750	ug/Kg	08/22/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
4-Chloroaniline	ND	520	ug/Kg	08/22/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	520	ug/Kg	08/22/13	DD	SW 8270	
4-Nitroaniline	ND	1200	ug/Kg	08/22/13	DD	SW 8270	
4-Nitrophenol	ND	2200	ug/Kg	08/22/13	DD	SW 8270	

Project ID: 72 BOX ST.
Client ID: DUPLICATE

Phoenix I.D.: BF27804

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acenaphthene	660	520	ug/Kg	08/22/13	DD	SW 8270	
Acenaphthylene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Acetophenone	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Aniline	ND	2200	ug/Kg	08/22/13	DD	SW 8270	
Anthracene	1700	520	ug/Kg	08/22/13	DD	SW 8270	
Benz(a)anthracene	5400	520	ug/Kg	08/22/13	DD	SW 8270	
Benzidine	ND	890	ug/Kg	08/22/13	DD	SW 8270	
Benzo(a)pyrene	5400	520	ug/Kg	08/22/13	DD	SW 8270	
Benzo(b)fluoranthene	8200	520	ug/Kg	08/22/13	DD	SW 8270	
Benzo(ghi)perylene	1600	520	ug/Kg	08/22/13	DD	SW 8270	
Benzo(k)fluoranthene	2100	520	ug/Kg	08/22/13	DD	SW 8270	
Benzoic acid	ND	2200	ug/Kg	08/22/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	750	ug/Kg	08/22/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	520	ug/Kg	08/22/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Carbazole	ND	1100	ug/Kg	08/22/13	DD	SW 8270	
Chrysene	5400	520	ug/Kg	08/22/13	DD	SW 8270	
Dibenz(a,h)anthracene	580	520	ug/Kg	08/22/13	DD	SW 8270	
Dibenzofuran	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Diethyl phthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Dimethylphthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Di-n-butylphthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Di-n-octylphthalate	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Fluoranthene	9100	520	ug/Kg	08/22/13	DD	SW 8270	
Fluorene	590	520	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorobutadiene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Hexachloroethane	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	1700	520	ug/Kg	08/22/13	DD	SW 8270	
Isophorone	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Naphthalene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Nitrobenzene	ND	520	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	750	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	520	ug/Kg	08/22/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	750	ug/Kg	08/22/13	DD	SW 8270	
Pentachloronitrobenzene	ND	750	ug/Kg	08/22/13	DD	SW 8270	
Pentachlorophenol	ND	750	ug/Kg	08/22/13	DD	SW 8270	
Phenanthrene	7500	520	ug/Kg	08/22/13	DD	SW 8270	
Phenol	ND	520	ug/Kg	08/22/13	DD	SW 8270	
Pyrene	7000	520	ug/Kg	08/22/13	DD	SW 8270	
Pyridine	ND	750	ug/Kg	08/22/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	87		%	08/22/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	98		%	08/22/13	DD	30 - 130 %	
% 2-Fluorophenol	104		%	08/22/13	DD	30 - 130 %	
% Nitrobenzene-d5	86		%	08/22/13	DD	30 - 130 %	
% Phenol-d5	105		%	08/22/13	DD	30 - 130 %	

Project ID: 72 BOX ST.
Client ID: DUPLICATE

Phoenix I.D.: BF27804

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Terphenyl-d14	74		%	08/22/13	DD	30 - 130 %

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

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

Comments:

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

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

* 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.

8260 Analysis:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

* For Pesticides, The continuing calibration standards for Endrin, 4,4-DDT, Endosulfan II and Methoxyclor were below acceptable criteria. A negative sample bias is suspected.

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

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

Phyllis Shiller, Laboratory Director
August 30, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

August 30, 2013

QA/QC Data

SDG I.D.: GBF27794

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 247661, QC Sample No: BF26801 (BF27797, BF27798, BF27799, BF27800, BF27801, BF27802, BF27803, BF27804)													
Mercury - Soil	BRL	<0.07	<0.07	NC	99.4	99.8	0.4	97.0	105	7.9	70 - 130	30	
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													
QA/QC Batch 247660, QC Sample No: BF27772 (BF27794, BF27795, BF27796)													
Mercury - Soil	BRL	<0.06	<0.07	NC	107	114	6.3	97.4	104	6.6	70 - 130	30	
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													
QA/QC Batch 247371, QC Sample No: BF27786 (BF27794, BF27795, BF27796, BF27797, BF27802, BF27803, BF27804)													
ICP Metals - Soil													
Aluminum	BRL	529	589	10.7	105	107	1.9	>130	>130	NC	75 - 125	30	m
Antimony	BRL	<3.9	<3.6	NC	72.3	75.5	4.3	99.2	106	6.6	75 - 125	30	l
Arsenic	BRL	<0.8	<0.72	NC	101	102	1.0	99.3	105	5.6	75 - 125	30	
Barium	BRL	1.54	1.88	NC	98.3	99.4	1.1	106	111	4.6	75 - 125	30	
Beryllium	BRL	<0.31	<0.29	NC	101	101	0.0	101	107	5.8	75 - 125	30	
Cadmium	BRL	<0.39	<0.36	NC	102	103	1.0	102	109	6.6	75 - 125	30	
Calcium	BRL	81.5	124	41.4	98.6	101	2.4	>130	>130	NC	75 - 125	30	m,r
Chromium	BRL	1.61	1.89	NC	102	103	1.0	102	111	8.5	75 - 125	30	
Cobalt	BRL	<0.39	<0.36	NC	102	102	0.0	102	109	6.6	75 - 125	30	
Copper	BRL	6.98	7.45	6.50	101	104	2.9	101	110	8.5	75 - 125	30	
Iron	BRL	1280	1220	4.80	112	119	6.1	NC	NC	NC	75 - 125	30	
Lead	BRL	2.48	4.04	47.9	102	103	1.0	103	109	5.7	75 - 125	30	r
Magnesium	BRL	142	177	21.9	104	107	2.8	>130	>130	NC	75 - 125	30	m
Manganese	BRL	7.32	8.83	18.7	102	109	6.6	105	116	10.0	75 - 125	30	
Nickel	BRL	0.92	1.04	NC	103	104	1.0	102	111	8.5	75 - 125	30	
Potassium	BRL	78.8	69.5	12.5	100	102	2.0	97.9	104	6.0	75 - 125	30	
Selenium	BRL	<1.6	<1.4	NC	88.1	91.9	4.2	88.0	93.9	6.5	75 - 125	30	
Silver	BRL	<0.39	<0.36	NC	98.6	99.8	1.2	97.0	104	7.0	75 - 125	30	
Sodium	BRL	14.8	16.9	NC	101	101	0.0	116	125	7.5	75 - 125	30	
Thallium	BRL	<3.5	<3.2	NC	105	104	1.0	101	108	6.7	75 - 125	30	
Vanadium	BRL	1.98	2.17	9.20	105	108	2.8	102	108	5.7	75 - 125	30	
Zinc	BRL	15.5	22.6	37.3	97.6	101	3.4	99.0	109	9.6	75 - 125	30	r
QA/QC Batch 247576, QC Sample No: BF28124 (BF27798, BF27799, BF27800, BF27801)													
ICP Metals - Soil													
Aluminum	BRL	7750	7570	2.30	105	108	2.8	NC	NC	NC	75 - 125	30	
Antimony	BRL	<3.2	<3.6	NC	84.1	90.3	7.1	88.6	90.8	2.5	75 - 125	30	
Arsenic	BRL	7.5	6.75	10.5	90.6	95.6	5.4	91.1	94.2	3.3	75 - 125	30	
Barium	BRL	45.5	41.2	9.90	102	106	3.8	93.1	102	9.1	75 - 125	30	
Beryllium	BRL	0.31	<0.29	NC	97.5	103	5.5	96.4	99.9	3.6	75 - 125	30	
Cadmium	BRL	0.83	0.65	NC	88.7	95.1	7.0	89.8	93.1	3.6	75 - 125	30	
Calcium	BRL	1980	2230	11.9	93.1	101	8.1	NC	NC	NC	75 - 125	30	
Chromium	BRL	43.4	42.1	3.00	102	106	3.8	98.9	107	7.9	75 - 125	30	

QA/QC Data

SDG I.D.: GBF27794

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Cobalt	BRL	4.53	4.29	5.40	96.6	102	5.4	95.3	99.6	4.4	75 - 125	30	
Copper	BRL	61.8	65.2	5.40	102	110	7.5	104	112	7.4	75 - 125	30	
Iron	BRL	28000	21100	28.1	106	105	0.9	NC	NC	NC	75 - 125	30	
Lead	BRL	108	85.3	23.5	93.5	112	18.0	85.8	89.7	4.4	75 - 125	30	
Magnesium	BRL	2990	3050	2.00	96.3	99.0	2.8	NC	NC	NC	75 - 125	30	
Manganese	BRL	310	255	19.5	99.6	104	4.3	44.9	69.6	43.1	75 - 125	30	m,r
Nickel	BRL	26.8	22.6	17.0	95.2	102	6.9	86.1	92.6	7.3	75 - 125	30	
Potassium	BRL	986	985	0.10	114	118	3.4	>130	>130	NC	75 - 125	30	m
Selenium	BRL	<1.3	<1.4	NC	80.7	85.6	5.9	78.5	81.5	3.8	75 - 125	30	
Silver	BRL	<0.32	<0.36	NC	93.9	99.7	6.0	96.7	100	3.4	75 - 125	30	
Sodium	BRL	449	464	3.30	112	118	5.2	>130	>130	NC	75 - 125	30	m
Thallium	BRL	<2.9	<3.3	NC	96.1	101	5.0	94.3	98.1	4.0	75 - 125	30	
Vanadium	BRL	24.0	27.5	13.6	105	108	2.8	100	106	5.8	75 - 125	30	
Zinc	BRL	137	123	10.8	92.9	97.8	5.1	83.1	96.1	14.5	75 - 125	30	

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

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NY # 11301

QA/QC Report

August 30, 2013

QA/QC Data

SDG I.D.: GBF27794

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 248509, QC Sample No: BF26754 (BF27799, BF27800)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	101	104	2.9	90	97	7.5	70 - 130	30	
1,1,1-Trichloroethane	ND	94	92	2.2	88	89	1.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	93	93	0.0	114	133	15.4	70 - 130	30	m
1,1,2-Trichloroethane	ND	99	102	3.0	80	87	8.4	70 - 130	30	
1,1-Dichloroethane	ND	91	67	30.4	85	65	26.7	70 - 130	30	l,m
1,1-Dichloroethene	ND	94	90	4.3	87	88	1.1	70 - 130	30	
1,1-Dichloropropene	ND	94	93	1.1	85	90	5.7	70 - 130	30	
1,2-Dibromoethane	ND	101	102	1.0	69	84	19.6	70 - 130	30	m
1,2-Dichloroethane	ND	90	92	2.2	79	85	7.3	70 - 130	30	
1,2-Dichloropropane	ND	93	95	2.1	85	89	4.6	70 - 130	30	
1,3-Dichloropropane	ND	96	98	2.1	86	91	5.6	70 - 130	30	
2,2-Dichloropropane	ND	98	95	3.1	90	90	0.0	70 - 130	30	
2-Hexanone	ND	93	98	5.2	73	74	1.4	70 - 130	30	
4-Methyl-2-pentanone	ND	95	95	0.0	82	82	0.0	70 - 130	30	
Acetone	ND	79	87	9.6	80	66	19.2	70 - 130	30	m
Acrylonitrile	ND	86	61	34.0	68	60	12.5	70 - 130	30	l,m,r
Benzene	ND	91	92	1.1	83	88	5.8	70 - 130	30	
Bromochloromethane	ND	93	95	2.1	82	90	9.3	70 - 130	30	
Bromodichloromethane	ND	97	97	0.0	77	87	12.2	70 - 130	30	
Bromoform	ND	102	105	2.9	71	86	19.1	70 - 130	30	
Bromomethane	ND	89	76	15.8	87	83	4.7	70 - 130	30	
Carbon Disulfide	ND	79	76	3.9	72	78	8.0	70 - 130	30	
Carbon tetrachloride	ND	98	98	0.0	93	95	2.1	70 - 130	30	
Chlorobenzene	ND	97	99	2.0	69	78	12.2	70 - 130	30	m
Chloroethane	ND	93	87	6.7	86	85	1.2	70 - 130	30	
Chloroform	ND	93	94	1.1	86	92	6.7	70 - 130	30	
Chloromethane	ND	75	72	4.1	75	73	2.7	70 - 130	30	
cis-1,2-Dichloroethene	ND	98	98	0.0	81	88	8.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	101	102	1.0	73	86	16.4	70 - 130	30	
Dibromochloromethane	ND	101	105	3.9	82	95	14.7	70 - 130	30	
Dibromomethane	ND	96	96	0.0	74	86	15.0	70 - 130	30	
Dichlorodifluoromethane	ND	87	85	2.3	76	74	2.7	70 - 130	30	
Ethylbenzene	ND	97	98	1.0	83	90	8.1	70 - 130	30	
m&p-Xylene	ND	99	99	0.0	76	85	11.2	70 - 130	30	
Methyl ethyl ketone	ND	80	78	2.5	70	67	4.4	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	81	81	0.0	107	79	30.1	70 - 130	30	
Methylene chloride	ND	77	76	1.3	70	75	6.9	70 - 130	30	
o-Xylene	ND	101	104	2.9	76	85	11.2	70 - 130	30	
Styrene	ND	97	99	2.0	54	63	15.4	70 - 130	30	m
Tetrachloroethene	ND	100	101	1.0	91	96	5.3	70 - 130	30	
Tetrahydrofuran (THF)	ND	85	84	1.2	80	76	5.1	70 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Toluene	ND	94	95	1.1	77	84	8.7	70 - 130	30	
trans-1,2-Dichloroethene	ND	80	77	3.8	66	68	3.0	70 - 130	30	m
trans-1,3-Dichloropropene	ND	98	100	2.0	63	77	20.0	70 - 130	30	m
Trichloroethene	ND	99	102	3.0	78	87	10.9	70 - 130	30	
Trichlorofluoromethane	ND	100	95	5.1	92	92	0.0	70 - 130	30	
Trichlorotrifluoroethane	ND	101	99	2.0	96	95	1.0	70 - 130	30	
Vinyl chloride	ND	93	91	2.2	83	82	1.2	70 - 130	30	
% Bromofluorobenzene	95	99	99	0.0	86	83	3.6	70 - 130	30	
% Dibromofluoromethane	99	102	100	2.0	102	105	2.9	70 - 130	30	
% Toluene-d8	100	100	99	1.0	96	99	3.1	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

QA/QC Batch 247381, QC Sample No: BF27788 (BF27794, BF27795, BF27796, BF27797, BF27798, BF27799, BF27800, BF27801, BF27802, BF27803, BF27804)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	88	50	55.1	49	88	56.9	40 - 140	30	r
PCB-1221	ND							40 - 140	30	
PCB-1232	ND							40 - 140	30	
PCB-1242	ND							40 - 140	30	
PCB-1248	ND							40 - 140	30	
PCB-1254	ND							40 - 140	30	
PCB-1260	ND	91	53	52.8	47	85	57.6	40 - 140	30	r
PCB-1262	ND							40 - 140	30	
PCB-1268	ND							40 - 140	30	
% DCBP (Surrogate Rec)	68	98	43	78.0	49	83	51.5	30 - 150	30	r
% TCMX (Surrogate Rec)	75	103	51	67.5	56	86	42.3	30 - 150	30	r

QA/QC Batch 247821, QC Sample No: BF27801 (BF27799 (50X) , BF27800 (50X) , BF27801)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	105	107	1.9	98	97	1.0	70 - 130	30	
1,1,1-Trichloroethane	ND	100	100	0.0	92	89	3.3	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	91	96	5.3	92	91	1.1	70 - 130	30	
1,1,2-Trichloroethane	ND	103	108	4.7	95	94	1.1	70 - 130	30	
1,1-Dichloroethane	ND	96	82	15.7	89	64	32.7	70 - 130	30	m,r
1,1-Dichloroethene	ND	97	98	1.0	63	81	25.0	70 - 130	30	m
1,1-Dichloropropene	ND	103	102	1.0	97	98	1.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	103	105	1.9	100	103	3.0	70 - 130	30	
1,2,3-Trichloropropane	ND	93	96	3.2	82	86	4.8	70 - 130	30	
1,2,4-Trichlorobenzene	ND	102	103	1.0	105	105	0.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	104	104	0.0	98	98	0.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	104	110	5.6	94	96	2.1	70 - 130	30	
1,2-Dibromoethane	ND	103	108	4.7	99	98	1.0	70 - 130	30	
1,2-Dichlorobenzene	ND	100	101	1.0	96	95	1.0	70 - 130	30	
1,2-Dichloroethane	ND	96	99	3.1	89	89	0.0	70 - 130	30	
1,2-Dichloropropane	ND	100	101	1.0	94	94	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	103	102	1.0	98	97	1.0	70 - 130	30	
1,3-Dichlorobenzene	ND	102	100	2.0	97	96	1.0	70 - 130	30	
1,3-Dichloropropane	ND	98	102	4.0	94	94	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	99	98	1.0	97	95	2.1	70 - 130	30	
2,2-Dichloropropane	ND	100	100	0.0	92	90	2.2	70 - 130	30	
2-Chlorotoluene	ND	107	105	1.9	100	99	1.0	70 - 130	30	
2-Hexanone	ND	94	104	10.1	81	79	2.5	70 - 130	30	
2-Isopropyltoluene	ND	106	106	0.0	102	103	1.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBF27794

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chlorotoluene	ND	100	99	1.0	98	97	1.0	70 - 130	30	
4-Methyl-2-pentanone	ND	97	103	6.0	87	85	2.3	70 - 130	30	
Acetone	ND	62	75	19.0	50	53	5.8	70 - 130	30	l,m
Acrylonitrile	ND	86	92	6.7	82	55	39.4	70 - 130	30	m,r
Benzene	ND	100	100	0.0	94	94	0.0	70 - 130	30	
Bromobenzene	ND	103	102	1.0	98	97	1.0	70 - 130	30	
Bromochloromethane	ND	98	100	2.0	95	94	1.1	70 - 130	30	
Bromodichloromethane	ND	101	104	2.9	93	93	0.0	70 - 130	30	
Bromoform	ND	104	109	4.7	96	93	3.2	70 - 130	30	
Bromomethane	ND	97	89	8.6	59	45	26.9	70 - 130	30	m
Carbon Disulfide	ND	87	87	0.0	59	78	27.7	70 - 130	30	m
Carbon tetrachloride	ND	107	106	0.9	96	94	2.1	70 - 130	30	
Chlorobenzene	ND	101	102	1.0	97	95	2.1	70 - 130	30	
Chloroethane	ND	95	88	7.7	92	88	4.4	70 - 130	30	
Chloroform	ND	96	99	3.1	114	112	1.8	70 - 130	30	
Chloromethane	ND	87	85	2.3	78	77	1.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	103	104	1.0	95	95	0.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	104	107	2.8	99	99	0.0	70 - 130	30	
Dibromochloromethane	ND	104	107	2.8	99	96	3.1	70 - 130	30	
Dibromomethane	ND	101	104	2.9	94	91	3.2	70 - 130	30	
Dichlorodifluoromethane	ND	101	102	1.0	83	85	2.4	70 - 130	30	
Ethylbenzene	ND	102	102	0.0	100	98	2.0	70 - 130	30	
Hexachlorobutadiene	ND	107	105	1.9	107	108	0.9	70 - 130	30	
Isopropylbenzene	ND	110	108	1.8	101	103	2.0	70 - 130	30	
m&p-Xylene	ND	102	103	1.0	99	98	1.0	70 - 130	30	
Methyl ethyl ketone	ND	77	85	9.9	68	66	3.0	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	105	81	25.8	80	77	3.8	70 - 130	30	
Methylene chloride	ND	76	78	2.6	69	75	8.3	70 - 130	30	m
Naphthalene	ND	107	113	5.5	102	105	2.9	70 - 130	30	
n-Butylbenzene	ND	104	102	1.9	99	98	1.0	70 - 130	30	
n-Propylbenzene	ND	107	104	2.8	99	100	1.0	70 - 130	30	
o-Xylene	ND	105	107	1.9	101	98	3.0	70 - 130	30	
p-Isopropyltoluene	ND	108	106	1.9	103	104	1.0	70 - 130	30	
sec-Butylbenzene	ND	105	104	1.0	100	100	0.0	70 - 130	30	
Styrene	ND	99	101	2.0	98	95	3.1	70 - 130	30	
tert-Butylbenzene	ND	111	109	1.8	102	103	1.0	70 - 130	30	
Tetrachloroethene	ND	106	103	2.9	102	102	0.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	86	93	7.8	80	80	0.0	70 - 130	30	
Toluene	ND	100	101	1.0	96	95	1.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	89	80	10.7	74	75	1.3	70 - 130	30	
trans-1,3-Dichloropropene	ND	100	104	3.9	96	95	1.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	97	101	4.0	87	84	3.5	70 - 130	30	
Trichloroethene	ND	110	109	0.9	98	98	0.0	70 - 130	30	
Trichlorofluoromethane	ND	104	102	1.9	95	95	0.0	70 - 130	30	
Trichlorotrifluoroethane	ND	101	103	2.0	73	92	23.0	70 - 130	30	
Vinyl chloride	ND	100	103	3.0	102	103	1.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	101	102	1.0	101	101	0.0	70 - 130	30	
% Bromofluorobenzene	94	98	99	1.0	101	99	2.0	70 - 130	30	
% Dibromofluoromethane	101	101	100	1.0	93	94	1.1	70 - 130	30	
% Toluene-d8	98	99	100	1.0	99	100	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

QA/QC Batch 247806, QC Sample No: BF27802 (BF27794 (50, 1X) , BF27795, BF27796 (50, 1X) , BF27797 (50, 1X) , BF27802 (50, 1X) , BF27803, BF27804 (50, 1X))

Volatiles - Soil

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1,1,2-Tetrachloroethane	ND	102	101	1.0	114	107	6.3	70 - 130	30	
1,1,1-Trichloroethane	ND	93	94	1.1	111	103	7.5	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	92	90	2.2	<40	<40	NC	70 - 130	30	m
1,1,2-Trichloroethane	ND	98	98	0.0	99	91	8.4	70 - 130	30	
1,1-Dichloroethane	ND	91	69	27.5	105	71	38.6	70 - 130	30	l,r
1,1-Dichloroethene	ND	95	95	0.0	107	99	7.8	70 - 130	30	
1,1-Dichloropropene	ND	94	92	2.2	106	96	9.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	103	104	1.0	108	113	4.5	70 - 130	30	
1,2,3-Trichloropropane	ND	92	92	0.0	88	89	1.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	107	106	0.9	111	120	7.8	70 - 130	30	
1,2,4-Trimethylbenzene	ND	100	100	0.0	103	106	2.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	103	102	1.0	95	101	6.1	70 - 130	30	
1,2-Dibromoethane	ND	98	98	0.0	92	85	7.9	70 - 130	30	
1,2-Dichlorobenzene	ND	98	97	1.0	100	102	2.0	70 - 130	30	
1,2-Dichloroethane	ND	91	92	1.1	96	90	6.5	70 - 130	30	
1,2-Dichloropropane	ND	94	95	1.1	106	100	5.8	70 - 130	30	
1,3,5-Trimethylbenzene	ND	100	97	3.0	102	104	1.9	70 - 130	30	
1,3-Dichlorobenzene	ND	100	98	2.0	102	104	1.9	70 - 130	30	
1,3-Dichloropropane	ND	97	97	0.0	108	101	6.7	70 - 130	30	
1,4-Dichlorobenzene	ND	100	99	1.0	102	104	1.9	70 - 130	30	
2,2-Dichloropropane	ND	95	95	0.0	116	107	8.1	70 - 130	30	
2-Chlorotoluene	ND	103	101	2.0	104	104	0.0	70 - 130	30	
2-Hexanone	ND	109	109	0.0	107	99	7.8	70 - 130	30	
2-Isopropyltoluene	ND	100	99	1.0	106	108	1.9	70 - 130	30	
4-Chlorotoluene	ND	98	96	2.1	102	104	1.9	70 - 130	30	
4-Methyl-2-pentanone	ND	97	97	0.0	102	96	6.1	70 - 130	30	
Acetone	ND	93	111	17.6	94	98	4.2	70 - 130	30	
Acrylonitrile	ND	87	64	30.5	93	71	26.8	70 - 130	30	l
Benzene	ND	92	91	1.1	106	98	7.8	70 - 130	30	
Bromobenzene	ND	99	99	0.0	101	102	1.0	70 - 130	30	
Bromochloromethane	ND	94	95	1.1	98	95	3.1	70 - 130	30	
Bromodichloromethane	ND	96	96	0.0	101	95	6.1	70 - 130	30	
Bromoform	ND	101	101	0.0	101	96	5.1	70 - 130	30	
Bromomethane	ND	91	83	9.2	107	93	14.0	70 - 130	30	
Carbon Disulfide	ND	91	89	2.2	91	81	11.6	70 - 130	30	
Carbon tetrachloride	ND	98	96	2.1	112	104	7.4	70 - 130	30	
Chlorobenzene	ND	98	97	1.0	101	92	9.3	70 - 130	30	
Chloroethane	ND	97	94	3.1	104	94	10.1	70 - 130	30	
Chloroform	ND	94	92	2.2	104	101	2.9	70 - 130	30	
Chloromethane	ND	78	75	3.9	96	87	9.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	98	95	3.1	101	95	6.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	100	99	1.0	98	91	7.4	70 - 130	30	
Dibromochloromethane	ND	101	102	1.0	110	104	5.6	70 - 130	30	
Dibromomethane	ND	95	95	0.0	93	87	6.7	70 - 130	30	
Dichlorodifluoromethane	ND	84	82	2.4	104	96	8.0	70 - 130	30	
Ethylbenzene	ND	97	95	2.1	111	100	10.4	70 - 130	30	
Hexachlorobutadiene	ND	103	100	3.0	111	117	5.3	70 - 130	30	
Isopropylbenzene	ND	106	101	4.8	104	105	1.0	70 - 130	30	
m&p-Xylene	ND	99	98	1.0	108	97	10.7	70 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methyl ethyl ketone	ND	96	93	3.2	87	84	3.5	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	79	80	1.3	121	85	35.0	70 - 130	30	r
Methylene chloride	ND	79	80	1.3	78	76	2.6	70 - 130	30	
Naphthalene	ND	103	107	3.8	106	113	6.4	70 - 130	30	
n-Butylbenzene	ND	104	100	3.9	107	109	1.9	70 - 130	30	
n-Propylbenzene	ND	103	98	5.0	103	105	1.9	70 - 130	30	
o-Xylene	ND	102	100	2.0	109	98	10.6	70 - 130	30	
p-Isopropyltoluene	ND	104	101	2.9	109	111	1.8	70 - 130	30	
sec-Butylbenzene	ND	98	97	1.0	103	106	2.9	70 - 130	30	
Styrene	ND	98	96	2.1	96	87	9.8	70 - 130	30	
tert-Butylbenzene	ND	104	101	2.9	105	107	1.9	70 - 130	30	
Tetrachloroethene	ND	100	97	3.0	116	100	14.8	70 - 130	30	
Tetrahydrofuran (THF)	ND	86	88	2.3	96	93	3.2	70 - 130	30	
Toluene	ND	94	92	2.2	101	92	9.3	70 - 130	30	
trans-1,2-Dichloroethene	ND	81	80	1.2	113	73	43.0	70 - 130	30	r
trans-1,3-Dichloropropene	ND	98	97	1.0	87	79	9.6	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	99	98	1.0	95	96	1.0	70 - 130	30	
Trichloroethene	ND	99	100	1.0	102	101	1.0	70 - 130	30	
Trichlorofluoromethane	ND	101	97	4.0	114	106	7.3	70 - 130	30	
Trichlorotrifluoroethane	ND	95	92	3.2	114	104	9.2	70 - 130	30	
Vinyl chloride	ND	96	95	1.0	101	95	6.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	103	102	101	1.0	99	100	1.0	70 - 130	30	
% Bromofluorobenzene	94	99	100	1.0	102	91	11.4	70 - 130	30	
% Dibromofluoromethane	99	99	102	3.0	99	94	5.2	70 - 130	30	
% Toluene-d8	99	99	98	1.0	94	95	1.1	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

QA/QC Batch 247382, QC Sample No: BF27847 (BF27794, BF27795, BF27796, BF27797, BF27798, BF27799, BF27800, BF27801, BF27802, BF27803, BF27804)

Pesticides - Soil

4,4' -DDD	ND	112	117	4.4	123	>130	NC	40 - 140	30	m
4,4' -DDE	ND	104	98	5.9	99	110	10.5	40 - 140	30	
4,4' -DDT	ND	112	115	2.6	121	>130	NC	40 - 140	30	m
a-BHC	ND	111	109	1.8	104	113	8.3	40 - 140	30	
a-Chlordane	ND	104	100	3.9	95	104	9.0	40 - 140	30	
Alachlor	ND	NA	NA	NC	NA	NA	NC	40 - 140	30	
Aldrin	ND	110	109	0.9	99	109	9.6	40 - 140	30	
b-BHC	ND	104	97	7.0	120	100	18.2	40 - 140	30	
Chlordane	ND	NA	NA	NC	NA	NA	NC	40 - 140	30	
d-BHC	ND	95	89	6.5	92	98	6.3	40 - 140	30	
Dieldrin	ND	113	111	1.8	107	115	7.2	40 - 140	30	
Endosulfan I	ND	111	105	5.6	100	110	9.5	40 - 140	30	
Endosulfan II	ND	101	101	0.0	102	109	6.6	40 - 140	30	
Endosulfan sulfate	ND	103	104	1.0	107	116	8.1	40 - 140	30	
Endrin	ND	107	102	4.8	101	109	7.6	40 - 140	30	
Endrin aldehyde	ND	115	117	1.7	117	123	5.0	40 - 140	30	
Endrin ketone	ND	115	113	1.8	118	126	6.6	40 - 140	30	
g-BHC	ND	106	104	1.9	100	108	7.7	40 - 140	30	
g-Chlordane	ND	108	105	2.8	99	108	8.7	40 - 140	30	
Heptachlor	ND	101	99	2.0	96	106	9.9	40 - 140	30	
Heptachlor epoxide	ND	98	97	1.0	99	102	3.0	40 - 140	30	
Methoxychlor	ND	123	118	4.1	106	122	14.0	40 - 140	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Toxaphene	ND	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	86	83	83	0.0	87	92	5.6	30 - 150	30	
% TCMX	113	112	108	3.6	103	113	9.3	30 - 150	30	
QA/QC Batch 247379, QC Sample No: BF27847 (BF27794, BF27795, BF27796, BF27797, BF27798, BF27799, BF27800, BF27801, BF27802, BF27803, BF27804)										
Semivolatiles - Soil										
1,2,4,5-Tetrachlorobenzene	ND	78	66	16.7	89	87	2.3	30 - 130	30	
1,2,4-Trichlorobenzene	ND	79	67	16.4	84	84	0.0	30 - 130	30	
1,2-Dichlorobenzene	ND	81	67	18.9	93	88	5.5	30 - 130	30	
1,2-Diphenylhydrazine	ND	88	75	16.0	89	85	4.6	30 - 130	30	
1,3-Dichlorobenzene	ND	81	69	16.0	88	86	2.3	30 - 130	30	
1,4-Dichlorobenzene	ND	84	71	16.8	93	90	3.3	30 - 130	30	
2,4,5-Trichlorophenol	ND	98	75	26.6	75	101	29.5	30 - 130	30	
2,4,6-Trichlorophenol	ND	91	72	23.3	81	102	23.0	30 - 130	30	
2,4-Dichlorophenol	ND	88	69	24.2	93	93	0.0	30 - 130	30	
2,4-Dimethylphenol	ND	51	44	14.7	57	54	5.4	30 - 130	30	
2,4-Dinitrophenol	ND	<5	<5	NC	<5	<5	NC	30 - 130	30	l,m
2,4-Dinitrotoluene	ND	103	80	25.1	80	73	9.2	30 - 130	30	
2,6-Dinitrotoluene	ND	98	82	17.8	84	77	8.7	30 - 130	30	
2-Chloronaphthalene	ND	86	69	21.9	93	99	6.3	30 - 130	30	
2-Chlorophenol	ND	81	68	17.4	90	88	2.2	30 - 130	30	
2-Methylnaphthalene	ND	77	65	16.9	87	85	2.3	30 - 130	30	
2-Methylphenol (o-cresol)	ND	86	66	26.3	95	91	4.3	30 - 130	30	
2-Nitroaniline	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	l,m
2-Nitrophenol	ND	76	62	20.3	58	46	23.1	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	90	72	22.2	97	93	4.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	>150	>150	NC	117	123	5.0	30 - 130	30	l
3-Nitroaniline	ND	100	78	24.7	102	96	6.1	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	35	24	37.3	<5	<5	NC	30 - 130	30	l,m,r
4-Bromophenyl phenyl ether	ND	90	73	20.9	96	96	0.0	30 - 130	30	
4-Chloro-3-methylphenol	ND	84	69	19.6	87	89	2.3	30 - 130	30	
4-Chloroaniline	ND	80	80	0.0	70	76	8.2	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	93	77	18.8	98	97	1.0	30 - 130	30	
4-Nitroaniline	ND	100	78	24.7	102	96	6.1	30 - 130	30	
4-Nitrophenol	ND	92	75	20.4	82	87	5.9	30 - 130	30	
Acenaphthene	ND	89	75	17.1	99	98	1.0	30 - 130	30	
Acenaphthylene	ND	88	72	20.0	90	90	0.0	30 - 130	30	
Acetophenone	ND	88	75	16.0	101	97	4.0	30 - 130	30	
Aniline	ND	115	101	13.0	75	89	17.1	30 - 130	30	
Anthracene	ND	89	74	18.4	93	92	1.1	30 - 130	30	
Benz(a)anthracene	ND	91	77	16.7	96	96	0.0	30 - 130	30	
Benzidine	ND	71	68	4.3	5.8	7.0	18.8	30 - 130	30	m
Benzo(a)pyrene	ND	83	72	14.2	86	88	2.3	30 - 130	30	
Benzo(b)fluoranthene	ND	93	77	18.8	NC	NC	NC	30 - 130	30	
Benzo(ghi)perylene	ND	96	85	12.2	45	47	4.3	30 - 130	30	
Benzo(k)fluoranthene	ND	89	78	13.2	134	138	2.9	30 - 130	30	m
Benzyl butyl phthalate	ND	91	79	14.1	115	121	5.1	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	83	71	15.6	87	86	1.2	30 - 130	30	
Bis(2-chloroethyl)ether	ND	76	66	14.1	100	92	8.3	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	86	68	23.4	95	90	5.4	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	87	77	12.2	112	118	5.2	30 - 130	30	
Carbazole	ND	>150	140	NC	>150	>150	NC	30 - 130	30	l,m

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chrysene	ND	92	78	16.5	88	92	4.4	30 - 130	30	
Dibenz(a,h)anthracene	ND	94	81	14.9	54	55	1.8	30 - 130	30	
Dibenzofuran	ND	89	71	22.5	99	96	3.1	30 - 130	30	
Diethyl phthalate	ND	93	78	17.5	97	95	2.1	30 - 130	30	
Dimethylphthalate	ND	90	75	18.2	96	93	3.2	30 - 130	30	
Di-n-butylphthalate	ND	86	72	17.7	91	91	0.0	30 - 130	30	
Di-n-octylphthalate	ND	94	83	12.4	112	115	2.6	30 - 130	30	
Fluoranthene	ND	90	76	16.9	79	82	3.7	30 - 130	30	
Fluorene	ND	90	76	16.9	100	99	1.0	30 - 130	30	
Hexachlorobenzene	ND	85	71	17.9	88	89	1.1	30 - 130	30	
Hexachlorobutadiene	ND	76	64	17.1	89	83	7.0	30 - 130	30	
Hexachlorocyclopentadiene	ND	73	61	17.9	<5	<5	NC	30 - 130	30	m
Hexachloroethane	ND	81	71	13.2	31	30	3.3	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	96	83	14.5	49	50	2.0	30 - 130	30	
Isophorone	ND	83	71	15.6	88	81	8.3	30 - 130	30	
Naphthalene	ND	82	69	17.2	93	92	1.1	30 - 130	30	
Nitrobenzene	ND	87	75	14.8	97	91	6.4	30 - 130	30	
N-Nitrosodimethylamine	ND	73	60	19.5	68	68	0.0	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	84	69	19.6	85	82	3.6	30 - 130	30	
N-Nitrosodiphenylamine	ND	102	84	19.4	105	103	1.9	30 - 130	30	
Pentachloronitrobenzene	ND	89	77	14.5	67	65	3.0	30 - 130	30	
Pentachlorophenol	ND	62	51	19.5	68	81	17.4	30 - 130	30	
Phenanthrene	ND	92	77	17.8	94	90	4.3	30 - 130	30	
Phenol	ND	83	68	19.9	87	84	3.5	30 - 130	30	
Pyrene	ND	88	74	17.3	72	79	9.3	30 - 130	30	
Pyridine	ND	64	58	9.8	56	56	0.0	30 - 130	30	
% 2,4,6-Tribromophenol	91	89	80	10.7	91	91	0.0	30 - 130	30	
% 2-Fluorobiphenyl	84	82	70	15.8	89	95	6.5	30 - 130	30	
% 2-Fluorophenol	73	75	63	17.4	84	81	3.6	30 - 130	30	
% Nitrobenzene-d5	86	85	76	11.2	96	89	7.6	30 - 130	30	
% Phenol-d5	75	80	71	11.9	85	83	2.4	30 - 130	30	
% Terphenyl-d14	99	93	81	13.8	90	92	2.2	30 - 130	30	

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 247988, QC Sample No: BF28524 (BF27798 (50X))

Volatiles - Soil

1,1,2,2-Tetrachloroethane	ND	92	95	3.2	97	97	0.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	85	90	5.7	91	96	5.3	70 - 130	30	
1,2,3-Trichloropropane	ND	103	108	4.7	93	96	3.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	73	77	5.3	91	93	2.2	70 - 130	30	
1,2,4-Trimethylbenzene	ND	82	89	8.2	90	90	0.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	114	121	6.0	85	95	11.1	70 - 130	30	
1,2-Dichlorobenzene	ND	86	92	6.7	89	90	1.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	81	88	8.3	89	90	1.1	70 - 130	30	
1,3-Dichlorobenzene	ND	82	88	7.1	90	90	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	81	87	7.1	89	89	0.0	70 - 130	30	
2-Chlorotoluene	ND	79	86	8.5	89	89	0.0	70 - 130	30	
2-Isopropyltoluene	ND	82	90	9.3	90	90	0.0	70 - 130	30	
4-Chlorotoluene	ND	79	86	8.5	89	89	0.0	70 - 130	30	
Bromobenzene	ND	89	95	6.5	89	89	0.0	70 - 130	30	
Hexachlorobutadiene	ND	75	80	6.5	86	89	3.4	70 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Isopropylbenzene	ND	84	91	8.0	88	86	2.3	70 - 130	30	
Naphthalene	ND	106	113	6.4	94	103	9.1	70 - 130	30	
n-Butylbenzene	ND	73	81	10.4	89	89	0.0	70 - 130	30	
n-Propylbenzene	ND	81	87	7.1	87	87	0.0	70 - 130	30	
p-Isopropyltoluene	ND	78	85	8.6	89	90	1.1	70 - 130	30	
sec-Butylbenzene	ND	79	87	9.6	88	88	0.0	70 - 130	30	
tert-Butylbenzene	ND	85	93	9.0	87	88	1.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	100	104	3.9	69	72	4.3	70 - 130	30	m
% 1,2-dichlorobenzene-d4	102	103	101	2.0	101	103	2.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

QA/QC Batch 248428, QC Sample No: BF29579 (BF27798)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	95	92	3.2	91	81	11.6	70 - 130	30	
1,1,1-Trichloroethane	ND	106	104	1.9	111	102	8.5	70 - 130	30	
1,1,2-Trichloroethane	ND	107	109	1.9	112	92	19.6	70 - 130	30	
1,1-Dichloroethane	ND	106	103	2.9	124	109	12.9	70 - 130	30	
1,1-Dichloroethene	ND	103	100	3.0	118	109	7.9	70 - 130	30	
1,1-Dichloropropene	ND	95	93	2.1	93	84	10.2	70 - 130	30	
1,2-Dibromoethane	ND	105	110	4.7	110	88	22.2	70 - 130	30	
1,2-Dichloroethane	ND	112	113	0.9	122	105	15.0	70 - 130	30	
1,2-Dichloropropane	ND	102	101	1.0	112	95	16.4	70 - 130	30	
1,3-Dichloropropane	ND	98	97	1.0	120	107	11.5	70 - 130	30	
2,2-Dichloropropane	ND	108	103	4.7	117	106	9.9	70 - 130	30	
2-Hexanone	ND	98	106	7.8	<40	<40	NC	70 - 130	30	m
4-Methyl-2-pentanone	ND	107	118	9.8	49	<40	NC	70 - 130	30	m
Acetone	ND	106	115	8.1	97	75	25.6	70 - 130	30	
Acrylonitrile	ND	115	121	5.1	122	90	30.2	70 - 130	30	
Benzene	ND	96	95	1.0	105	92	13.2	70 - 130	30	
Bromochloromethane	ND	106	108	1.9	131	113	14.8	70 - 130	30	m
Bromodichloromethane	ND	104	104	0.0	108	91	17.1	70 - 130	30	
Bromoform	ND	98	101	3.0	94	80	16.1	70 - 130	30	
Bromomethane	ND	106	101	4.8	119	103	14.4	70 - 130	30	
Carbon Disulfide	ND	94	91	3.2	109	99	9.6	70 - 130	30	
Carbon tetrachloride	ND	99	96	3.1	91	86	5.6	70 - 130	30	
Chlorobenzene	ND	93	89	4.4	85	76	11.2	70 - 130	30	
Chloroethane	ND	105	101	3.9	125	112	11.0	70 - 130	30	
Chloroform	ND	106	106	0.0	122	107	13.1	70 - 130	30	
Chloromethane	ND	106	101	4.8	124	110	12.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	107	106	0.9	122	109	11.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	102	103	1.0	105	84	22.2	70 - 130	30	
Dibromochloromethane	ND	98	99	1.0	107	95	11.9	70 - 130	30	
Dibromomethane	ND	106	110	3.7	118	101	15.5	70 - 130	30	
Dichlorodifluoromethane	ND	110	104	5.6	115	108	6.3	70 - 130	30	
Ethylbenzene	ND	88	84	4.7	76	70	8.2	70 - 130	30	
m&p-Xylene	ND	89	85	4.6	70	61	13.7	70 - 130	30	m
Methyl ethyl ketone	ND	102	110	7.5	110	80	31.6	70 - 130	30	r
Methyl t-butyl ether (MTBE)	ND	94	99	5.2	129	112	14.1	70 - 130	30	
Methylene chloride	ND	100	100	0.0	125	111	11.9	70 - 130	30	
o-Xylene	ND	92	88	4.4	74	63	16.1	70 - 130	30	m
Styrene	ND	88	86	2.3	72	61	16.5	70 - 130	30	m
Tetrachloroethene	ND	87	82	5.9	74	75	1.3	70 - 130	30	

QA/QC Data

SDG I.D.: GBF27794

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Tetrahydrofuran (THF)	ND	112	120	6.9	149	136	9.1	70 - 130	30	m
Toluene	ND	97	96	1.0	91	78	15.4	70 - 130	30	
trans-1,2-Dichloroethene	ND	103	100	3.0	117	104	11.8	70 - 130	30	
trans-1,3-Dichloropropene	ND	105	107	1.9	104	81	24.9	70 - 130	30	
Trichloroethene	ND	98	96	2.1	90	82	9.3	70 - 130	30	
Trichlorofluoromethane	ND	111	107	3.7	118	110	7.0	70 - 130	30	
Trichlorotrifluoroethane	ND	101	98	3.0	101	99	2.0	70 - 130	30	
Vinyl chloride	ND	113	107	5.5	122	109	11.3	70 - 130	30	
% Bromofluorobenzene	105	105	105	0.0	90	83	8.1	70 - 130	30	
% Dibromofluoromethane	100	103	105	1.9	112	120	6.9	70 - 130	30	
% Toluene-d8	100	102	103	1.0	96	92	4.3	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

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

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

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

Phyllis Shiller, Laboratory Director
August 30, 2013

Sample Criteria Exceedences Report

GBF27794 - EBC

Requested Criteria: 375, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF27794	$8270-SMR	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	510	330	330	ug/Kg
BF27794	$8270-SMR	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	510	330	330	ug/Kg
BF27794	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	7000	510	1000	1000	ug/Kg
BF27794	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	7000	510	1000	1000	ug/Kg
BF27794	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	7500	510	1000	1000	ug/Kg
BF27794	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	7500	510	1000	1000	ug/Kg
BF27794	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	11000	510	1000	1000	ug/Kg
BF27794	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	510	1000	1000	ug/Kg
BF27794	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2500	510	1000	1000	ug/Kg
BF27794	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2500	510	800	800	ug/Kg
BF27794	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	7300	510	1000	1000	ug/Kg
BF27794	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	7300	510	1000	1000	ug/Kg
BF27794	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	3200	510	500	500	ug/Kg
BF27794	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3200	510	500	500	ug/Kg
BF27794	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	1000	510	330	330	ug/Kg
BF27794	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1000	510	330	330	ug/Kg
BF27794	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	14.9	0.8	13	13	mg/Kg
BF27794	BA-SM	Barium	NY / 375-6.8 Metals / Residential	830	0.40	350	350	mg/Kg
BF27794	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	830	0.40	350	350	mg/Kg
BF27794	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	25.7	0.40	1	1	mg/Kg
BF27794	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	122	0.40	50	50	mg/kg
BF27794	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.95	0.07	0.81	0.81	mg/Kg
BF27794	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.95	0.07	0.18	0.18	mg/Kg
BF27794	PB-SM	Lead	NY / 375-6.8 Metals / Residential	917	4.0	400	400	mg/Kg
BF27794	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	917	4.0	63	63	mg/Kg
BF27794	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	405	4.0	109	109	mg/Kg
BF27795	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	17.4	0.37	1	1	mg/Kg
BF27796	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1500	270	1000	1000	ug/Kg
BF27796	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	270	1000	1000	ug/Kg
BF27796	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1500	270	1000	1000	ug/Kg
BF27796	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	270	1000	1000	ug/Kg
BF27796	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2100	270	1000	1000	ug/Kg
BF27796	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	270	1000	1000	ug/Kg
BF27796	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	870	270	800	800	ug/Kg
BF27796	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1300	270	1000	1000	ug/Kg
BF27796	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	270	1000	1000	ug/Kg
BF27796	$PCB_SMR	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	120	77	100	100	ug/Kg
BF27796	$PEST_SMR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	22	2.3	3.3	3.3	ug/Kg
BF27796	$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	7.1	2.3	3.3	3.3	ug/Kg
BF27796	$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	78*	2.3	3.3	3.3	ug/Kg

Sample Criteria Exceedences Report

GBF27794 - EBC

Requested Criteria: 375, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF27796	BA-SM	Barium	NY / 375-6.8 Metals / Residential	845	0.40	350	350	mg/Kg
BF27796	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	845	0.40	350	350	mg/Kg
BF27796	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	75.3	0.40	1	1	mg/Kg
BF27796	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	138	0.40	50	50	mg/kg
BF27796	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.99	0.08	0.81	0.81	mg/Kg
BF27796	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.99	0.08	0.18	0.18	mg/Kg
BF27796	PB-SM	Lead	NY / 375-6.8 Metals / Residential	1300	4.0	400	400	mg/Kg
BF27796	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1300	4.0	63	63	mg/Kg
BF27796	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	698	4.0	109	109	mg/Kg
BF27797	$8260SMR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	80	33	50	50	ug/Kg
BF27797	BA-SM	Barium	NY / 375-6.8 Metals / Residential	354	0.40	350	350	mg/Kg
BF27797	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	354	0.40	350	350	mg/Kg
BF27797	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	21.0	0.40	1	1	mg/Kg
BF27797	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.65	0.10	0.18	0.18	mg/Kg
BF27797	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	383	4.0	63	63	mg/Kg
BF27797	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	125	0.40	109	109	mg/Kg
BF27798	$8260SMR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	55	5.8	50	50	ug/Kg
BF27798	$8270-SMR	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	540	330	330	ug/Kg
BF27798	$8270-SMR	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	540	330	330	ug/Kg
BF27798	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1600	540	1000	1000	ug/Kg
BF27798	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	540	1000	1000	ug/Kg
BF27798	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1400	540	1000	1000	ug/Kg
BF27798	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	540	1000	1000	ug/Kg
BF27798	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1700	540	1000	1000	ug/Kg
BF27798	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	540	1000	1000	ug/Kg
BF27798	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1200	540	1000	1000	ug/Kg
BF27798	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	540	1000	1000	ug/Kg
BF27798	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	640	540	500	500	ug/Kg
BF27798	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	640	540	500	500	ug/Kg
BF27798	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	540	330	330	ug/Kg
BF27798	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	540	330	330	ug/Kg
BF27798	$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND**	6.1	3.3	3.3	ug/Kg
BF27798	$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND**	3.4	3.3	3.3	ug/Kg
BF27798	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	22.0	0.41	1	1	mg/Kg
BF27798	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	73.9	0.41	50	50	mg/kg
BF27798	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.62	0.08	0.18	0.18	mg/Kg
BF27798	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	343	4.1	63	63	mg/Kg
BF27798	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	326	4.1	109	109	mg/Kg
BF27799	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	23.8	0.39	1	1	mg/Kg

Sample Criteria Exceedences Report

GBF27794 - EBC

Requested Criteria: 375, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF27800	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1300	280	1000	1000	ug/Kg
BF27800	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	280	1000	1000	ug/Kg
BF27800	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1400	280	1000	1000	ug/Kg
BF27800	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	280	1000	1000	ug/Kg
BF27800	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1900	280	1000	1000	ug/Kg
BF27800	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	280	1000	1000	ug/Kg
BF27800	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1300	280	1000	1000	ug/Kg
BF27800	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	280	1000	1000	ug/Kg
BF27800	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	18.9	0.41	1	1	mg/Kg
BF27800	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	51.6	0.41	50	50	mg/kg
BF27800	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.70	0.08	0.18	0.18	mg/Kg
BF27800	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	130	0.41	63	63	mg/Kg
BF27800	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	227	4.1	109	109	mg/Kg
BF27801	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	26.7	0.35	1	1	mg/Kg
BF27802	$8270-SMR	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	520	330	330	ug/Kg
BF27802	$8270-SMR	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	520	330	330	ug/Kg
BF27802	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1300	520	1000	1000	ug/Kg
BF27802	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	520	1000	1000	ug/Kg
BF27802	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1200	520	1000	1000	ug/Kg
BF27802	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	520	1000	1000	ug/Kg
BF27802	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2100	520	1000	1000	ug/Kg
BF27802	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	520	1000	1000	ug/Kg
BF27802	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	520	500	500	ug/Kg
BF27802	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	520	500	500	ug/Kg
BF27802	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	520	330	330	ug/Kg
BF27802	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	520	330	330	ug/Kg
BF27802	$PCB_SMR	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	120	76	100	100	ug/Kg
BF27802	$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND**	9.9	3.3	3.3	ug/Kg
BF27802	$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND**	5.2	3.3	3.3	ug/Kg
BF27802	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	19.3	0.35	1	1	mg/Kg
BF27802	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	51.2	0.35	50	50	mg/kg
BF27802	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.27	0.09	0.18	0.18	mg/Kg
BF27802	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	313	3.5	63	63	mg/Kg
BF27802	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	296	3.5	109	109	mg/Kg
BF27803	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	28.5	0.37	1	1	mg/Kg
BF27804	$8270-SMR	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	520	330	330	ug/Kg
BF27804	$8270-SMR	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	520	330	330	ug/Kg
BF27804	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	5400	520	1000	1000	ug/Kg
BF27804	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5400	520	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBF27794 - EBC

Requested Criteria: 375, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF27804	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	5400	520	1000	1000	ug/Kg
BF27804	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5400	520	1000	1000	ug/Kg
BF27804	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	8200	520	1000	1000	ug/Kg
BF27804	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8200	520	1000	1000	ug/Kg
BF27804	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2100	520	1000	1000	ug/Kg
BF27804	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	520	800	800	ug/Kg
BF27804	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	5400	520	1000	1000	ug/Kg
BF27804	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5400	520	1000	1000	ug/Kg
BF27804	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1700	520	500	500	ug/Kg
BF27804	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	520	500	500	ug/Kg
BF27804	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	580	520	330	330	ug/Kg
BF27804	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	580	520	330	330	ug/Kg
BF27804	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	19.5	0.38	1	1	mg/Kg
BF27804	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	102	0.38	50	50	mg/kg
BF27804	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.89	0.06	0.81	0.81	mg/Kg
BF27804	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.89	0.06	0.18	0.18	mg/Kg
BF27804	PB-SM	Lead	NY / 375-6.8 Metals / Residential	506	3.8	400	400	mg/Kg
BF27804	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	506	3.8	63	63	mg/Kg
BF27804	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	385	3.8	109	109	mg/Kg

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

August 30, 2013

SDG I.D.: GBF27794

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

NY/NJ CHAIN OF CUSTODY RECORD

Temp 6.0°C Pg 1 of 1

PHOENIX *Environmental Laboratories, Inc.*

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

Data Delivery:
☐ Fax #:
☑ Email:

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

Project: 72 Box Street
Report to:
Invoice to:

Project P.O:
Phone #: 631 924 6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 8-20-13

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	SVOC 8270	TAL Metals	Pest/PCB 8081/8082	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (2) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
27794	B1 (0-2)	S	8-20-13		X	X	X	X			1	1						
27795	B1 (8-10)																	
27796	B2 (0-2)																	
27797	B2 (8-10)																	
27798*	B3 (0-2)																	
27799*	B3 (8-10)																	
27800*	B4 (0-2)																	
27801*	B4 (8-10)																	
27802	B5 (0-2)																	
27803	B5 (8-10)																	
27804	Duplicate																	

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8-21-13	1230
	[signature]	8-21-13	1700

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

Comments, Special Requirements or Regulations:
* Both labeled B4 (0-2)
" " B4 (8-10)*

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C MACP Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
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Data Delivery:
☐ Fax #:
☒ Email:

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

Project: 72 Box Street
Report to:
Invoice to:

Project P.O:
Phone #: 631 504 6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 8-20-13

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	TAL Metals	Pest/PCB 8081/8082	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (2) oz	GL Soil container (8) 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
27794	B1 (0-2)	S	8-20-13		X	X	X	X		1	1							
27795	B1 (8-10)																	
27796	B2 (0-2)																	
27797	B2 (8-10)																	
27798*	B3 (0-2)																	
27799*	B3 (8-10)																	
27800*	B4 (0-2)																	
27801*	B4 (8-10)																	
27802	B5 (0-2)																	
27803	B5 (8-10)																	
27804	Duplicate																	

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8-21-13	1230
[signature]	[signature]	8-21-13	1700

Comments, Special Requirements or Regulations:

*Both labeled B4 (0-2)
" " B4 (8-10)*
Per Kevin Watts - Jars that are labeled 72 Box Are actually B-3 (EB)

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

PHOENIX
Environmental Laboratories, Inc.

Thursday, August 29, 2013

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

Project ID: 72 BOX ST BKLYN NY
Sample ID#s: BF28361 - BF28365

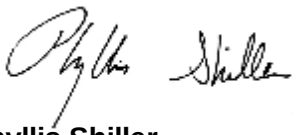
This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,



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

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

August 29, 2013

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:		08/22/13	10:00
Location Code:	EBC	Received by:	SW	08/22/13	16:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF28361
Phoenix ID: BF28361

Project ID: 72 BOX ST BKLYN NY
Client ID: MW-1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.005		0.005	0.0006	mg/L	08/23/13	EK	SW6010	
Aluminum	38.7		0.10	0.024	mg/L	08/23/13	EK	SW6010	
Arsenic - LDL	0.015		0.004	0.001	mg/L	08/26/13	EK	SW6010	
Barium	0.337		0.010	0.0003	mg/L	08/23/13	EK	SW6010	
Beryllium	0.001		0.001	0.001	mg/L	08/23/13	EK	SW6010	
Calcium	328		0.10	0.030	mg/L	08/23/13	EK	SW6010	
Cadmium	0.001	B	0.004	0.0002	mg/L	08/23/13	EK	SW6010	
Cobalt	0.024	*	0.005	0.0003	mg/L	08/23/13	EK	SW6010	
Chromium	0.081		0.001	0.0009	mg/L	08/23/13	EK	SW6010	
Copper	0.065	*	0.005	0.001	mg/L	08/23/13	EK	SW6010	
Silver (Dissolved)	0.001	BN	0.005	0.0006	mg/L	08/22/13	EK	SW6010	
Aluminum (Dissolved)	0.41		0.01	0.0026	mg/L	08/22/13	EK	SW6010	
Arsenic, (Dissolved)	0.003		0.003	0.001	mg/L	08/22/13	EK	SW6010	
Barium (Dissolved)	0.137		0.011	0.0003	mg/L	08/22/13	EK	SW6010	
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	08/22/13	EK	SW6010	
Calcium (Dissolved)	353		0.11	0.032	mg/L	08/22/13	EK	SW6010	B
Cadmium (Dissolved)	< 0.004		0.004	0.0002	mg/L	08/22/13	EK	SW6010	
Cobalt, (Dissolved)	< 0.005		0.005	0.0003	mg/L	08/22/13	EK	SW6010	
Chromium (Dissolved)	< 0.001		0.001	0.0010	mg/L	08/22/13	EK	SW6010	
Copper, (Dissolved)	0.002	B*	0.005	0.001	mg/L	08/22/13	EK	SW6010	
Iron, (Dissolved)	0.23	*	0.01	0.005	mg/L	08/22/13	EK	SW6010	
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	08/27/13	RS	SW7470	
Potassium (Dissolved)	27.9		1.1	1.1	mg/L	08/22/13	EK	SW6010	
Magnesium (Dissolved)	17.1		0.01	0.001	mg/L	08/22/13	EK	SW6010	
Manganese, (Dissolved)	0.307		0.005	0.001	mg/L	08/22/13	EK	SW6010	
Sodium (Dissolved)	182		1.1	1.1	mg/L	08/22/13	EK	SW6010	
Nickel, (Dissolved)	0.002	B	0.004	0.0005	mg/L	08/22/13	EK	SW6010	
Lead (Dissolved)	0.002	B	0.002	0.001	mg/L	08/22/13	EK	SW6010	

Project ID: 72 BOX ST BKLYN NY
Client ID: MW-1

Phoenix I.D.: BF28361

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	08/23/13	RS	7010	
Selenium, (Dissolved)	0.005	0.004	0.002	mg/L	08/26/13	RS	7010	
Thallium , (Dissolved)	< 0.002	0.002	0.001	mg/L	08/27/13	RS	7010	
Vanadium, (Dissolved)	< 0.01	0.01	0.001	mg/L	08/22/13	EK	SW6010	
Zinc, (Dissolved)	< 0.011	0.011	0.001	mg/L	08/22/13	EK	SW6010	
Iron	102	0.10	0.050	mg/L	08/23/13	EK	SW6010	
Mercury	< 0.0002	0.0002	0.00015	mg/L	08/27/13	RS	SW7470	
Potassium	30.1	0.1	0.1	mg/L	08/23/13	EK	SW6010	
Magnesium	25.2	0.10	0.010	mg/L	08/23/13	EK	SW6010	
Manganese	1.58	0.050	0.010	mg/L	08/23/13	EK	SW6010	
Sodium	179	1.0	1.0	mg/L	08/23/13	EK	SW6010	
Nickel	0.044	0.004	0.0005	mg/L	08/23/13	EK	SW6010	
Lead	0.060	0.002	0.001	mg/L	08/23/13	EK	SW6010	
Antimony	< 0.003	0.003	0.003	mg/L	08/23/13	RS	7010	
Selenium	< 0.004	0.004	0.002	mg/L	08/26/13	RS	7010	
Thallium	< 0.002	0.002	0.001	mg/L	08/27/13	RS	7010	
Vanadium	0.134	0.010	0.001	mg/L	08/23/13	EK	SW6010	
Zinc	0.123	0.010	0.001	mg/L	08/23/13	EK	SW6010	
Filtration	Completed				08/22/13	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed				08/27/13	X/I	SW7470	
Mercury Digestion	Completed				08/27/13	X/I	SW7470	
PCB Extraction	Completed				08/22/13	L	SW3510C	
Extraction for Pest (2 Liter)	Completed				08/22/13	L	SW3510	
Semi-Volatile Extraction	Completed				08/22/13	E/K/D	SW3520	
Dissolved Metals Preparation	Completed				08/22/13	Z/Z	SW846-3005	
Total Metals Digestion	Completed				08/22/13	AG	SW846 - 3050	
Pesticides								
4,4' -DDD	ND	0.010	0.010	ug/L	08/26/13	MH	SW8081	
4,4' -DDE	ND	0.010	0.010	ug/L	08/26/13	MH	SW8081	
4,4' -DDT	ND	0.010	0.010	ug/L	08/26/13	MH	SW8081	
a-BHC	ND	0.010	0.010	ug/L	08/26/13	MH	SW8081	
a-chlordane	ND	0.025	0.025	ug/L	08/26/13	MH	SW8081	
Alachlor	ND	0.075	0.075	ug/L	08/26/13	MH	SW8081	1
Aldrin	ND	0.002	0.002	ug/L	08/26/13	MH	SW8081	
b-BHC	ND	0.005	0.005	ug/L	08/26/13	MH	SW8081	
Chlordane	ND	0.050	0.050	ug/L	08/26/13	MH	SW8081	
d-BHC	ND	0.025	0.025	ug/L	08/26/13	MH	SW8081	
Dieldrin	ND	0.002	0.002	ug/L	08/26/13	MH	SW8081	
Endosulfan I	ND	0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endosulfan II	ND	0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endosulfan Sulfate	ND	0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endrin	ND	0.010	0.010	ug/L	08/26/13	MH	SW8081	
Endrin Aldehyde	ND	0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endrin ketone	ND	0.050	0.050	ug/L	08/26/13	MH	SW8081	
g-BHC (Lindane)	ND	0.025	0.025	ug/L	08/26/13	MH	SW8081	
g-chlordane	ND	0.025	0.025	ug/L	08/26/13	MH	SW8081	
Heptachlor	ND	0.010	0.010	ug/L	08/26/13	MH	SW8081	
Heptachlor epoxide	ND	0.010	0.010	ug/L	08/26/13	MH	SW8081	
Methoxychlor	ND	0.10	0.10	ug/L	08/26/13	MH	SW8081	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Toxaphene	ND	0.25	0.25	ug/L	08/26/13	MH	SW8081	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	58			%	08/26/13	MH	SW8081	
%TCMX (Surrogate Rec)	74			%	08/26/13	MH	SW8081	
Polychlorinated Biphenyls								
PCB-1016	ND	0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1221	ND	0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1232	ND	0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1242	ND	0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1248	ND	0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1254	ND	0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1260	ND	0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1262	ND	0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1268	ND	0.072	0.072	ug/L	08/23/13	AW	8082	
QA/QC Surrogates								
% DCBP	50			%	08/23/13	AW	30 - 150 %	
% TCMX	64			%	08/23/13	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	08/23/13	KCA	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	08/23/13	KCA	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	08/23/13	KCA	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	08/23/13	KCA	SW8260	
1,2-Dichloroethane	ND	2.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	08/23/13	KCA	SW8260	
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	08/23/13	KCA	SW8260	
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	08/23/13	KCA	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	08/23/13	KCA	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	08/23/13	KCA	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	08/23/13	KCA	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	08/23/13	KCA	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	08/23/13	KCA	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Acetone	5.2	5.0	0.31	ug/L	08/23/13	KCA	SW8260	
Acrolein	ND	5.0	0.95	ug/L	08/23/13	KCA	SW8260	
Acrylonitrile	ND	5.0	0.17	ug/L	08/23/13	KCA	SW8260	
Benzene	ND	0.70	0.19	ug/L	08/23/13	KCA	SW8260	

Project ID: 72 BOX ST BKLYN NY
Client ID: MW-1

Phoenix I.D.: BF28361

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Bromobenzene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
Bromoform	ND		5.0	0.10	ug/L	08/23/13	KCA	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	08/23/13	KCA	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	08/23/13	KCA	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	08/23/13	KCA	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	08/23/13	KCA	SW8260	
Chloroform	ND		5.0	0.22	ug/L	08/23/13	KCA	SW8260	
Chloromethane	0.99	J	5.0	0.21	ug/L	08/23/13	KCA	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
cis-1,3-Dichloropropene	ND		1.0	0.15	ug/L	08/23/13	KCA	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	08/23/13	KCA	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	08/23/13	KCA	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Hexachlorobutadiene	ND		1.0	0.13	ug/L	08/23/13	KCA	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	08/23/13	KCA	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	08/23/13	KCA	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	08/23/13	KCA	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
n-Butylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	08/23/13	KCA	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
Styrene	ND		1.0	0.41	ug/L	08/23/13	KCA	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	08/23/13	KCA	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	08/23/13	KCA	SW8260	1
Toluene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	08/23/13	KCA	SW8260	
trans-1,3-Dichloropropene	ND		1.0	0.14	ug/L	08/23/13	KCA	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	08/23/13	KCA	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	08/23/13	KCA	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	08/23/13	KCA	70 - 121 %	
% Bromofluorobenzene	98				%	08/23/13	KCA	59 - 113 %	
% Dibromofluoromethane	101				%	08/23/13	KCA	70 - 130 %	
% Toluene-d8	100				%	08/23/13	KCA	84 - 138 %	
Semivolatiles									
1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	08/25/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
1,3-Dichlorobenzene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
1,4-Dichlorobenzene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	5.0	2.7	ug/L	08/25/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
2,4-Dichlorophenol	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
2,4-Dimethylphenol	ND	5.0	1.2	ug/L	08/25/13	DD	SW 8270
2,4-Dinitrophenol	ND	25	3.5	ug/L	08/25/13	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	08/25/13	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
2-Chlorophenol	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	5.0	2.4	ug/L	08/25/13	DD	SW 8270
2-Nitroaniline	ND	25	5.1	ug/L	08/25/13	DD	SW 8270
2-Nitrophenol	ND	5.0	3.2	ug/L	08/25/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	08/25/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	10	2.4	ug/L	08/25/13	DD	SW 8270
3-Nitroaniline	ND	25	11	ug/L	08/25/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	25	5.4	ug/L	08/25/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
4-Chloroaniline	ND	10	2.3	ug/L	08/25/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	08/25/13	DD	SW 8270
4-Nitroaniline	ND	25	1.7	ug/L	08/25/13	DD	SW 8270
4-Nitrophenol	ND	25	2.3	ug/L	08/25/13	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Aniline	ND	25	15	ug/L	08/25/13	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Benzidine	ND	10	2.9	ug/L	08/25/13	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	08/25/13	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	08/25/13	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	08/25/13	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	08/25/13	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	08/25/13	DD	SW 8270
Hexachlorobutadiene	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Nitrobenzene	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	08/25/13	DD	SW 8270
Phenol	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	08/25/13	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	08/25/13	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	99			%	08/25/13	DD	19 - 122 %
% 2-Fluorobiphenyl	74			%	08/25/13	DD	30 - 115 %
% 2-Fluorophenol	63			%	08/25/13	DD	25 - 121 %
% Nitrobenzene-d5	85			%	08/25/13	DD	23 - 120 %
% Phenol-d5	71			%	08/25/13	DD	24 - 113 %
% Terphenyl-d14	91			%	08/25/13	DD	18 - 137 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	1.5	1.5	ug/L	08/23/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.05	0.040	0.040	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.064	0.060	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	1.4	ug/L	08/23/13	DD	SW8270 (SIM)
Chrysene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	0.060	ug/L	08/23/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	1.5	ug/L	08/23/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	08/23/13	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	99			%	08/23/13	DD	19 - 122 %
% 2-Fluorobiphenyl	74			%	08/23/13	DD	30 - 115 %
% 2-Fluorophenol	63			%	08/23/13	DD	25 - 121 %
% Nitrobenzene-d5	85			%	08/23/13	DD	23 - 120 %
% Phenol-d5	71			%	08/23/13	DD	24 - 113 %
% Terphenyl-d14	91			%	08/23/13	DD	18 - 137 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
August 29, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 29, 2013

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:		08/22/13	10:30
Location Code:	EBC	Received by:	SW	08/22/13	16:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF28361
Phoenix ID: BF28362

Project ID: 72 BOX ST BKLYN NY
Client ID: MW-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.005		0.005	0.0006	mg/L	08/23/13	EK	SW6010	
Aluminum	13.8		0.10	0.024	mg/L	08/23/13	EK	SW6010	
Arsenic - LDL	0.003	B	0.004	0.001	mg/L	08/26/13	EK	SW6010	
Barium	0.310		0.010	0.0003	mg/L	08/23/13	EK	SW6010	
Beryllium	< 0.001		0.001	0.001	mg/L	08/23/13	EK	SW6010	
Calcium	231		0.10	0.030	mg/L	08/23/13	EK	SW6010	
Cadmium	0.001	B	0.004	0.0002	mg/L	08/23/13	EK	SW6010	
Cobalt	0.013	*	0.005	0.0003	mg/L	08/23/13	EK	SW6010	
Chromium	0.030		0.001	0.0009	mg/L	08/23/13	EK	SW6010	
Copper	0.043	*	0.005	0.001	mg/L	08/23/13	EK	SW6010	
Silver (Dissolved)	< 0.005	N	0.005	0.0006	mg/L	08/22/13	EK	SW6010	
Aluminum (Dissolved)	0.33		0.01	0.0026	mg/L	08/22/13	EK	SW6010	
Arsenic, (Dissolved)	< 0.003		0.003	0.001	mg/L	08/22/13	EK	SW6010	
Barium (Dissolved)	0.218		0.011	0.0003	mg/L	08/22/13	EK	SW6010	
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	08/22/13	EK	SW6010	
Calcium (Dissolved)	244		0.11	0.032	mg/L	08/22/13	EK	SW6010	B
Cadmium (Dissolved)	< 0.004		0.004	0.0002	mg/L	08/22/13	EK	SW6010	
Cobalt, (Dissolved)	0.003	B	0.005	0.0003	mg/L	08/22/13	EK	SW6010	
Chromium (Dissolved)	< 0.001		0.001	0.0010	mg/L	08/22/13	EK	SW6010	
Copper, (Dissolved)	0.002	B*	0.005	0.001	mg/L	08/22/13	EK	SW6010	
Iron, (Dissolved)	0.36	*	0.01	0.005	mg/L	08/22/13	EK	SW6010	
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	08/27/13	RS	SW7470	
Potassium (Dissolved)	46.4		1.1	1.1	mg/L	08/22/13	EK	SW6010	
Magnesium (Dissolved)	79.3		0.01	0.001	mg/L	08/22/13	EK	SW6010	
Manganese, (Dissolved)	0.682		0.005	0.001	mg/L	08/22/13	EK	SW6010	
Sodium (Dissolved)	230		1.1	1.1	mg/L	08/22/13	EK	SW6010	
Nickel, (Dissolved)	0.006		0.004	0.0005	mg/L	08/22/13	EK	SW6010	
Lead (Dissolved)	< 0.002		0.002	0.001	mg/L	08/22/13	EK	SW6010	

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Phoenix I.D.: BF28362

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	08/23/13	RS	7010	
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	08/26/13	RS	7010	
Thallium , (Dissolved)	< 0.002		0.002	0.001	mg/L	08/27/13	RS	7010	
Vanadium, (Dissolved)	< 0.01		0.01	0.001	mg/L	08/22/13	EK	SW6010	
Zinc, (Dissolved)	0.005	B	0.011	0.001	mg/L	08/22/13	EK	SW6010	
Iron	40.2		0.10	0.050	mg/L	08/23/13	EK	SW6010	
Mercury	< 0.0002		0.0002	0.00015	mg/L	08/27/13	RS	SW7470	
Potassium	44.2		1.0	1.0	mg/L	08/23/13	EK	SW6010	
Magnesium	75.5		0.10	0.010	mg/L	08/23/13	EK	SW6010	
Manganese	0.887		0.005	0.001	mg/L	08/23/13	EK	SW6010	
Sodium	225		1.0	1.0	mg/L	08/23/13	EK	SW6010	
Nickel	0.022		0.004	0.0005	mg/L	08/23/13	EK	SW6010	
Lead	0.038		0.002	0.001	mg/L	08/23/13	EK	SW6010	
Antimony	< 0.003		0.003	0.003	mg/L	08/23/13	RS	7010	
Selenium	< 0.004		0.004	0.002	mg/L	08/26/13	RS	7010	
Thallium	< 0.002		0.002	0.001	mg/L	08/27/13	RS	7010	
Vanadium	0.050		0.010	0.001	mg/L	08/23/13	EK	SW6010	
Zinc	0.063		0.010	0.001	mg/L	08/23/13	EK	SW6010	
Filtration	Completed					08/22/13	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed					08/27/13	X/I	SW7470	
Mercury Digestion	Completed					08/27/13	X/I	SW7470	
PCB Extraction	Completed					08/22/13	L	SW3510C	
Extraction for Pest (2 Liter)	Completed					08/22/13	L	SW3510	
Semi-Volatile Extraction	Completed					08/22/13	E/K/D	SW3520	
Dissolved Metals Preparation	Completed					08/22/13	Z/Z	SW846-3005	
Total Metals Digestion	Completed					08/22/13	AG	SW846 - 3050	
Pesticides									
4,4' -DDD	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
4,4' -DDE	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
4,4' -DDT	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
a-BHC	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
a-chlordane	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
Alachlor	ND		0.075	0.075	ug/L	08/26/13	MH	SW8081	1
Aldrin	ND		0.002	0.002	ug/L	08/26/13	MH	SW8081	
b-BHC	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
Chlordane	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
d-BHC	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
Dieldrin	ND		0.002	0.002	ug/L	08/26/13	MH	SW8081	
Endosulfan I	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endosulfan II	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endosulfan Sulfate	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endrin	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
Endrin Aldehyde	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endrin ketone	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
g-BHC (Lindane)	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
g-chlordane	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
Heptachlor	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
Heptachlor epoxide	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
Methoxychlor	ND		0.10	0.10	ug/L	08/26/13	MH	SW8081	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Toxaphene	ND		0.25	0.25	ug/L	08/26/13	MH	SW8081	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	68				%	08/26/13	MH	SW8081	
%TCMX (Surrogate Rec)	85				%	08/26/13	MH	SW8081	
Polychlorinated Biphenyls									
PCB-1016	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1221	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1232	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1242	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1248	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1254	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1260	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1262	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1268	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
QA/QC Surrogates									
% DCBP	41				%	08/27/13	AW	30 - 150 %	
% TCMX	41				%	08/27/13	AW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,1,1-Trichloroethane	ND		5.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ug/L	08/23/13	KCA	SW8260	
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloroethane	ND		5.0	0.23	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	08/23/13	KCA	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
1,2-Dichloroethane	ND		2.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	
1,3-Dichlorobenzene	ND		5.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	08/23/13	KCA	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	08/23/13	KCA	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
4-Methyl-2-pentanone	0.54	J	1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Acetone	21		5.0	0.31	ug/L	08/23/13	KCA	SW8260	
Acrolein	ND		5.0	0.95	ug/L	08/23/13	KCA	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	08/23/13	KCA	SW8260	
Benzene	0.70		0.70	0.19	ug/L	08/23/13	KCA	SW8260	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Bromobenzene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
Bromoform	ND		5.0	0.10	ug/L	08/23/13	KCA	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	08/23/13	KCA	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	08/23/13	KCA	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	08/23/13	KCA	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	08/23/13	KCA	SW8260	
Chloroform	ND		5.0	0.22	ug/L	08/23/13	KCA	SW8260	
Chloromethane	0.53	J	5.0	0.21	ug/L	08/23/13	KCA	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
cis-1,3-Dichloropropene	ND		1.0	0.15	ug/L	08/23/13	KCA	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	08/23/13	KCA	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	08/23/13	KCA	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Hexachlorobutadiene	ND		1.0	0.13	ug/L	08/23/13	KCA	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	08/23/13	KCA	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	08/23/13	KCA	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	08/23/13	KCA	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
n-Butylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	08/23/13	KCA	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
Styrene	ND		1.0	0.41	ug/L	08/23/13	KCA	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	08/23/13	KCA	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	08/23/13	KCA	SW8260	1
Toluene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	08/23/13	KCA	SW8260	
trans-1,3-Dichloropropene	ND		1.0	0.14	ug/L	08/23/13	KCA	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	08/23/13	KCA	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Vinyl chloride	0.74	J	1.0	0.14	ug/L	08/23/13	KCA	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	08/23/13	KCA	70 - 121 %	
% Bromofluorobenzene	100				%	08/23/13	KCA	59 - 113 %	
% Dibromofluoromethane	101				%	08/23/13	KCA	70 - 130 %	
% Toluene-d8	100				%	08/23/13	KCA	84 - 138 %	
Semivolatiles									
1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	08/25/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND		5.0	1.6	ug/L	08/25/13	DD	SW 8270
1,3-Dichlorobenzene	ND		5.0	1.5	ug/L	08/25/13	DD	SW 8270
1,4-Dichlorobenzene	ND		5.0	1.5	ug/L	08/25/13	DD	SW 8270
2,4,5-Trichlorophenol	ND		5.0	2.7	ug/L	08/25/13	DD	SW 8270
2,4,6-Trichlorophenol	ND		5.0	1.6	ug/L	08/25/13	DD	SW 8270
2,4-Dichlorophenol	ND		5.0	1.8	ug/L	08/25/13	DD	SW 8270
2,4-Dimethylphenol	ND		5.0	1.2	ug/L	08/25/13	DD	SW 8270
2,4-Dinitrophenol	ND		25	3.5	ug/L	08/25/13	DD	SW 8270
2,4-Dinitrotoluene	ND		5.0	2.0	ug/L	08/25/13	DD	SW 8270
2,6-Dinitrotoluene	ND		5.0	1.6	ug/L	08/25/13	DD	SW 8270
2-Chloronaphthalene	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270
2-Chlorophenol	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270
2-Methylnaphthalene	ND		5.0	1.5	ug/L	08/25/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND		5.0	2.4	ug/L	08/25/13	DD	SW 8270
2-Nitroaniline	ND		25	5.1	ug/L	08/25/13	DD	SW 8270
2-Nitrophenol	ND		5.0	3.2	ug/L	08/25/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	2.9	J	5.0	2.0	ug/L	08/25/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND		10	2.4	ug/L	08/25/13	DD	SW 8270
3-Nitroaniline	ND		25	11	ug/L	08/25/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND		25	5.4	ug/L	08/25/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND		5.0	1.5	ug/L	08/25/13	DD	SW 8270
4-Chloro-3-methylphenol	ND		5.0	1.8	ug/L	08/25/13	DD	SW 8270
4-Chloroaniline	ND		10	2.3	ug/L	08/25/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND		5.0	1.7	ug/L	08/25/13	DD	SW 8270
4-Nitroaniline	ND		25	1.7	ug/L	08/25/13	DD	SW 8270
4-Nitrophenol	ND		25	2.3	ug/L	08/25/13	DD	SW 8270
Acenaphthene	ND		5.0	1.5	ug/L	08/25/13	DD	SW 8270
Acetophenone	ND		5.0	1.6	ug/L	08/25/13	DD	SW 8270
Aniline	ND		25	15	ug/L	08/25/13	DD	SW 8270
Anthracene	ND		5.0	1.6	ug/L	08/25/13	DD	SW 8270
Benzidine	ND		10	2.9	ug/L	08/25/13	DD	SW 8270
Benzoic acid	12	J	25	10	ug/L	08/25/13	DD	SW 8270
Benzyl butyl phthalate	ND		5.0	1.3	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270
Carbazole	ND		25	3.8	ug/L	08/25/13	DD	SW 8270
Dibenzofuran	ND		5.0	1.5	ug/L	08/25/13	DD	SW 8270
Diethyl phthalate	ND		5.0	1.6	ug/L	08/25/13	DD	SW 8270
Dimethylphthalate	ND		5.0	1.6	ug/L	08/25/13	DD	SW 8270
Di-n-butylphthalate	ND		5.0	1.3	ug/L	08/25/13	DD	SW 8270
Di-n-octylphthalate	ND		5.0	1.3	ug/L	08/25/13	DD	SW 8270
Fluoranthene	ND		5.0	1.6	ug/L	08/25/13	DD	SW 8270
Fluorene	ND		5.0	1.7	ug/L	08/25/13	DD	SW 8270
Hexachlorobutadiene	ND		5.0	1.8	ug/L	08/25/13	DD	SW 8270
Hexachlorocyclopentadiene	ND		5.0	1.5	ug/L	08/25/13	DD	SW 8270
Isophorone	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270
Naphthalene	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270
Nitrobenzene	ND		5.0	1.8	ug/L	08/25/13	DD	SW 8270
N-Nitrosodimethylamine	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	08/25/13	DD	SW 8270
Phenol	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	08/25/13	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	08/25/13	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	104			%	08/25/13	DD	19 - 122 %
% 2-Fluorobiphenyl	81			%	08/25/13	DD	30 - 115 %
% 2-Fluorophenol	59			%	08/25/13	DD	25 - 121 %
% Nitrobenzene-d5	90			%	08/25/13	DD	23 - 120 %
% Phenol-d5	61			%	08/25/13	DD	24 - 113 %
% Terphenyl-d14	82			%	08/25/13	DD	18 - 137 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	1.5	1.5	ug/L	08/23/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.06	0.040	0.040	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.064	0.060	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	4.6	1.6	1.4	ug/L	08/23/13	DD	SW8270 (SIM)
Chrysene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	0.060	ug/L	08/23/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	1.5	ug/L	08/23/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	08/23/13	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	104			%	08/23/13	DD	19 - 122 %
% 2-Fluorobiphenyl	81			%	08/23/13	DD	30 - 115 %
% 2-Fluorophenol	59			%	08/23/13	DD	25 - 121 %
% Nitrobenzene-d5	90			%	08/23/13	DD	23 - 120 %
% Phenol-d5	61			%	08/23/13	DD	24 - 113 %
% Terphenyl-d14	82			%	08/23/13	DD	18 - 137 %

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
August 29, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 29, 2013

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:		08/22/13	11:00
Location Code:	EBC	Received by:	SW	08/22/13	16:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF28361
Phoenix ID: BF28363

Project ID: 72 BOX ST BKLYN NY
Client ID: MW-4

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.005		0.005	0.0006	mg/L	08/23/13	EK	SW6010	
Aluminum	6.41		0.010	0.0024	mg/L	08/23/13	EK	SW6010	
Arsenic - LDL	0.003	B	0.004	0.001	mg/L	08/23/13	EK	SW6010	
Barium	0.158		0.010	0.0003	mg/L	08/23/13	EK	SW6010	
Beryllium	< 0.001		0.001	0.001	mg/L	08/23/13	EK	SW6010	
Calcium	115		0.10	0.030	mg/L	08/23/13	EK	SW6010	
Cadmium	0.000	B	0.004	0.0002	mg/L	08/23/13	EK	SW6010	
Cobalt	0.007	*	0.005	0.0003	mg/L	08/23/13	EK	SW6010	
Chromium	0.014		0.001	0.0009	mg/L	08/23/13	EK	SW6010	
Copper	0.014	*	0.005	0.001	mg/L	08/23/13	EK	SW6010	
Silver (Dissolved)	< 0.005	N	0.005	0.0006	mg/L	08/22/13	EK	SW6010	
Aluminum (Dissolved)	0.04		0.01	0.0026	mg/L	08/22/13	EK	SW6010	
Arsenic, (Dissolved)	0.003		0.003	0.001	mg/L	08/22/13	EK	SW6010	
Barium (Dissolved)	0.113		0.011	0.0003	mg/L	08/22/13	EK	SW6010	
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	08/22/13	EK	SW6010	
Calcium (Dissolved)	121		0.01	0.003	mg/L	08/22/13	EK	SW6010	B
Cadmium (Dissolved)	< 0.004		0.004	0.0002	mg/L	08/22/13	EK	SW6010	
Cobalt, (Dissolved)	0.002	B	0.005	0.0003	mg/L	08/22/13	EK	SW6010	
Chromium (Dissolved)	< 0.001		0.001	0.0010	mg/L	08/22/13	EK	SW6010	
Copper, (Dissolved)	0.001	B*	0.005	0.001	mg/L	08/22/13	EK	SW6010	
Iron, (Dissolved)	0.04	*	0.01	0.005	mg/L	08/22/13	EK	SW6010	
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	08/27/13	RS	SW7470	
Potassium (Dissolved)	19.7		1.1	1.1	mg/L	08/22/13	EK	SW6010	
Magnesium (Dissolved)	10.5		0.01	0.001	mg/L	08/22/13	EK	SW6010	
Manganese, (Dissolved)	3.21		0.053	0.011	mg/L	08/22/13	EK	SW6010	
Sodium (Dissolved)	79.0		1.1	1.1	mg/L	08/22/13	EK	SW6010	
Nickel, (Dissolved)	0.004		0.004	0.0005	mg/L	08/22/13	EK	SW6010	
Lead (Dissolved)	< 0.002		0.002	0.001	mg/L	08/22/13	EK	SW6010	

Project ID: 72 BOX ST BKLYN NY
Client ID: MW-4

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	08/23/13	RS	7010	
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	08/26/13	RS	7010	
Thallium , (Dissolved)	< 0.002		0.002	0.001	mg/L	08/27/13	RS	7010	
Vanadium, (Dissolved)	< 0.01		0.01	0.001	mg/L	08/22/13	EK	SW6010	
Zinc, (Dissolved)	0.005	B	0.011	0.001	mg/L	08/22/13	EK	SW6010	
Iron	15.8		0.10	0.050	mg/L	08/23/13	EK	SW6010	
Mercury	< 0.0002		0.0002	0.00015	mg/L	08/27/13	RS	SW7470	
Potassium	19.4		0.1	0.1	mg/L	08/23/13	EK	SW6010	
Magnesium	11.3		0.01	0.001	mg/L	08/23/13	EK	SW6010	
Manganese	3.49		0.050	0.010	mg/L	08/23/13	EK	SW6010	
Sodium	72.6		1.0	1.0	mg/L	08/23/13	EK	SW6010	
Nickel	0.012		0.004	0.0005	mg/L	08/23/13	EK	SW6010	
Lead	0.009		0.002	0.001	mg/L	08/23/13	EK	SW6010	
Antimony	< 0.003		0.003	0.003	mg/L	08/23/13	RS	7010	
Selenium	< 0.004		0.004	0.002	mg/L	08/26/13	RS	7010	
Thallium	< 0.002		0.002	0.001	mg/L	08/27/13	RS	7010	
Vanadium	0.020		0.010	0.001	mg/L	08/23/13	EK	SW6010	
Zinc	0.040		0.010	0.001	mg/L	08/23/13	EK	SW6010	
Filtration	Completed					08/22/13	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed					08/27/13	X/I	SW7470	
Mercury Digestion	Completed					08/27/13	X/I	SW7470	
PCB Extraction	Completed					08/22/13	L	SW3510C	
Extraction for Pest (2 Liter)	Completed					08/22/13	L	SW3510	
Semi-Volatile Extraction	Completed					08/22/13	E/K/D	SW3520	
Dissolved Metals Preparation	Completed					08/22/13	Z/Z	SW846-3005	
Total Metals Digestion	Completed					08/22/13	AG	SW846 - 3050	
Pesticides									
4,4' -DDD	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
4,4' -DDE	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
4,4' -DDT	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
a-BHC	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
a-chlordane	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
Alachlor	ND		0.075	0.075	ug/L	08/26/13	MH	SW8081	1
Aldrin	ND		0.002	0.002	ug/L	08/26/13	MH	SW8081	
b-BHC	ND		0.005	0.005	ug/L	08/26/13	MH	SW8081	
Chlordane	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
d-BHC	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
Dieldrin	ND		0.002	0.002	ug/L	08/26/13	MH	SW8081	
Endosulfan I	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endosulfan II	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endosulfan Sulfate	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endrin	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
Endrin Aldehyde	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endrin ketone	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
g-BHC (Lindane)	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
g-chlordane	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
Heptachlor	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
Heptachlor epoxide	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
Methoxychlor	ND		0.10	0.10	ug/L	08/26/13	MH	SW8081	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Toxaphene	ND		0.25	0.25	ug/L	08/26/13	MH	SW8081	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	62				%	08/26/13	MH	SW8081	
%TCMX (Surrogate Rec)	76				%	08/26/13	MH	SW8081	
Polychlorinated Biphenyls									
PCB-1016	ND		0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1221	ND		0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1232	ND		0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1242	ND		0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1248	ND		0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1254	ND		0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1260	ND		0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1262	ND		0.072	0.072	ug/L	08/23/13	AW	8082	
PCB-1268	ND		0.072	0.072	ug/L	08/23/13	AW	8082	
QA/QC Surrogates									
% DCBP	58				%	08/23/13	AW	30 - 150 %	
% TCMX	75				%	08/23/13	AW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,1,1-Trichloroethane	ND		5.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ug/L	08/23/13	KCA	SW8260	
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloroethane	ND		5.0	0.23	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	08/23/13	KCA	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
1,2-Dichloroethane	ND		2.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	
1,3-Dichlorobenzene	ND		5.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	08/23/13	KCA	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	08/23/13	KCA	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Acetone	2.6	J	5.0	0.31	ug/L	08/23/13	KCA	SW8260	
Acrolein	ND		5.0	0.95	ug/L	08/23/13	KCA	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	08/23/13	KCA	SW8260	
Benzene	ND		0.70	0.19	ug/L	08/23/13	KCA	SW8260	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Bromobenzene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
Bromoform	ND		5.0	0.10	ug/L	08/23/13	KCA	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	08/23/13	KCA	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	08/23/13	KCA	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	08/23/13	KCA	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	08/23/13	KCA	SW8260	
Chloroform	ND		5.0	0.22	ug/L	08/23/13	KCA	SW8260	
Chloromethane	1.1	J	5.0	0.21	ug/L	08/23/13	KCA	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
cis-1,3-Dichloropropene	ND		1.0	0.15	ug/L	08/23/13	KCA	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	08/23/13	KCA	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	08/23/13	KCA	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Hexachlorobutadiene	ND		1.0	0.13	ug/L	08/23/13	KCA	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	08/23/13	KCA	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	08/23/13	KCA	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	08/23/13	KCA	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
n-Butylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	08/23/13	KCA	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
Styrene	ND		1.0	0.41	ug/L	08/23/13	KCA	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	08/23/13	KCA	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	08/23/13	KCA	SW8260	1
Toluene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	08/23/13	KCA	SW8260	
trans-1,3-Dichloropropene	ND		1.0	0.14	ug/L	08/23/13	KCA	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	08/23/13	KCA	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	08/23/13	KCA	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	08/23/13	KCA	70 - 121 %	
% Bromofluorobenzene	100				%	08/23/13	KCA	59 - 113 %	
% Dibromofluoromethane	99				%	08/23/13	KCA	70 - 130 %	
% Toluene-d8	100				%	08/23/13	KCA	84 - 138 %	
Semivolatiles									
1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	08/25/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
1,3-Dichlorobenzene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
1,4-Dichlorobenzene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	5.0	2.7	ug/L	08/25/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
2,4-Dichlorophenol	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
2,4-Dimethylphenol	ND	5.0	1.2	ug/L	08/25/13	DD	SW 8270
2,4-Dinitrophenol	ND	25	3.5	ug/L	08/25/13	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	08/25/13	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
2-Chlorophenol	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	5.0	2.4	ug/L	08/25/13	DD	SW 8270
2-Nitroaniline	ND	25	5.1	ug/L	08/25/13	DD	SW 8270
2-Nitrophenol	ND	5.0	3.2	ug/L	08/25/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	08/25/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	10	2.4	ug/L	08/25/13	DD	SW 8270
3-Nitroaniline	ND	25	11	ug/L	08/25/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	25	5.4	ug/L	08/25/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
4-Chloroaniline	ND	10	2.3	ug/L	08/25/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	08/25/13	DD	SW 8270
4-Nitroaniline	ND	25	1.7	ug/L	08/25/13	DD	SW 8270
4-Nitrophenol	ND	25	2.3	ug/L	08/25/13	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Aniline	ND	25	15	ug/L	08/25/13	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Benzidine	ND	10	2.9	ug/L	08/25/13	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	08/25/13	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	08/25/13	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	08/25/13	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	08/25/13	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	08/25/13	DD	SW 8270
Hexachlorobutadiene	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Nitrobenzene	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	08/25/13	DD	SW 8270
Phenol	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	08/25/13	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	08/25/13	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	104			%	08/25/13	DD	19 - 122 %
% 2-Fluorobiphenyl	79			%	08/25/13	DD	30 - 115 %
% 2-Fluorophenol	67			%	08/25/13	DD	25 - 121 %
% Nitrobenzene-d5	92			%	08/25/13	DD	23 - 120 %
% Phenol-d5	68			%	08/25/13	DD	24 - 113 %
% Terphenyl-d14	111			%	08/25/13	DD	18 - 137 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1.5	1.5	ug/L	08/23/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.04	0.040	0.040	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.064	0.060	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	1.4	ug/L	08/23/13	DD	SW8270 (SIM)
Chrysene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	0.060	ug/L	08/23/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	1.5	ug/L	08/23/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	08/23/13	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	104			%	08/23/13	DD	19 - 122 %
% 2-Fluorobiphenyl	79			%	08/23/13	DD	30 - 115 %
% 2-Fluorophenol	67			%	08/23/13	DD	25 - 121 %
% Nitrobenzene-d5	92			%	08/23/13	DD	23 - 120 %
% Phenol-d5	68			%	08/23/13	DD	24 - 113 %
% Terphenyl-d14	111			%	08/23/13	DD	18 - 137 %

Project ID: 72 BOX ST BKLYN NY
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
August 29, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 29, 2013

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:		08/22/13	0:00
Location Code:	EBC	Received by:	SW	08/22/13	16:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF28361
Phoenix ID: BF28364

Project ID: 72 BOX ST BKLYN NY
Client ID: DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	0.001	B	0.005	0.0006	mg/L	08/23/13	EK	SW6010	
Aluminum	8.73		0.010	0.0024	mg/L	08/23/13	EK	SW6010	
Arsenic - LDL	0.005		0.004	0.001	mg/L	08/23/13	EK	SW6010	
Barium	0.203		0.010	0.0003	mg/L	08/23/13	EK	SW6010	
Beryllium	< 0.001		0.001	0.001	mg/L	08/23/13	EK	SW6010	
Calcium	169		0.10	0.030	mg/L	08/23/13	EK	SW6010	
Cadmium	0.000	B	0.004	0.0002	mg/L	08/23/13	EK	SW6010	
Cobalt	0.008	*	0.005	0.0003	mg/L	08/23/13	EK	SW6010	
Chromium	0.016		0.001	0.0009	mg/L	08/23/13	EK	SW6010	
Copper	0.017	*	0.005	0.001	mg/L	08/23/13	EK	SW6010	
Silver (Dissolved)	0.001	BN	0.005	0.0006	mg/L	08/22/13	EK	SW6010	
Aluminum (Dissolved)	0.14		0.01	0.0026	mg/L	08/22/13	EK	SW6010	
Arsenic, (Dissolved)	< 0.003		0.003	0.001	mg/L	08/22/13	EK	SW6010	
Barium (Dissolved)	0.145		0.011	0.0003	mg/L	08/22/13	EK	SW6010	
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	08/22/13	EK	SW6010	
Calcium (Dissolved)	166		0.01	0.003	mg/L	08/22/13	EK	SW6010	B
Cadmium (Dissolved)	< 0.004		0.004	0.0002	mg/L	08/22/13	EK	SW6010	
Cobalt, (Dissolved)	0.003	B	0.005	0.0003	mg/L	08/22/13	EK	SW6010	
Chromium (Dissolved)	< 0.001		0.001	0.0010	mg/L	08/22/13	EK	SW6010	
Copper, (Dissolved)	< 0.005	*	0.005	0.001	mg/L	08/22/13	EK	SW6010	
Iron, (Dissolved)	0.08	*	0.01	0.005	mg/L	08/22/13	EK	SW6010	
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	08/27/13	RS	SW7470	
Potassium (Dissolved)	28.0		1.1	1.1	mg/L	08/22/13	EK	SW6010	
Magnesium (Dissolved)	15.1		0.01	0.001	mg/L	08/22/13	EK	SW6010	
Manganese, (Dissolved)	4.56		0.053	0.011	mg/L	08/22/13	EK	SW6010	
Sodium (Dissolved)	70.2		1.1	1.1	mg/L	08/22/13	EK	SW6010	
Nickel, (Dissolved)	0.004		0.004	0.0005	mg/L	08/22/13	EK	SW6010	
Lead (Dissolved)	< 0.002		0.002	0.001	mg/L	08/22/13	EK	SW6010	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	08/23/13	RS	7010	
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	08/26/13	RS	7010	
Thallium , (Dissolved)	< 0.002		0.002	0.001	mg/L	08/27/13	RS	7010	
Vanadium, (Dissolved)	< 0.01		0.01	0.001	mg/L	08/22/13	EK	SW6010	
Zinc, (Dissolved)	0.006	B	0.011	0.001	mg/L	08/22/13	EK	SW6010	
Iron	16.6		0.10	0.050	mg/L	08/23/13	EK	SW6010	
Mercury	< 0.0002		0.0002	0.00015	mg/L	08/27/13	RS	SW7470	
Potassium	26.9		0.1	0.1	mg/L	08/23/13	EK	SW6010	
Magnesium	16.1		0.01	0.001	mg/L	08/23/13	EK	SW6010	
Manganese	4.66		0.050	0.010	mg/L	08/23/13	EK	SW6010	
Sodium	65.7		1.0	1.0	mg/L	08/23/13	EK	SW6010	
Nickel	0.014		0.004	0.0005	mg/L	08/23/13	EK	SW6010	
Lead	0.019		0.002	0.001	mg/L	08/23/13	EK	SW6010	
Antimony	< 0.003		0.003	0.003	mg/L	08/23/13	RS	7010	
Selenium	< 0.004		0.004	0.002	mg/L	08/26/13	RS	7010	
Thallium	< 0.002		0.002	0.001	mg/L	08/27/13	RS	7010	
Vanadium	0.022		0.010	0.001	mg/L	08/23/13	EK	SW6010	
Zinc	0.044		0.010	0.001	mg/L	08/23/13	EK	SW6010	
Filtration	Completed					08/22/13	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed					08/27/13	X/I	SW7470	
Mercury Digestion	Completed					08/27/13	X/I	SW7470	
PCB Extraction	Completed					08/22/13	L	SW3510C	
Extraction for Pest (2 Liter)	Completed					08/22/13	L	SW3510	
Semi-Volatile Extraction	Completed					08/22/13	E/K/D	SW3520	
Dissolved Metals Preparation	Completed					08/22/13	Z/Z	SW846-3005	
Total Metals Digestion	Completed					08/22/13	AG	SW846 - 3050	
Pesticides									
4,4' -DDD	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
4,4' -DDE	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
4,4' -DDT	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
a-BHC	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
a-chlordane	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
Alachlor	ND		0.075	0.075	ug/L	08/26/13	MH	SW8081	1
Aldrin	ND		0.002	0.002	ug/L	08/26/13	MH	SW8081	
b-BHC	ND		0.005	0.005	ug/L	08/26/13	MH	SW8081	
Chlordane	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
d-BHC	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
Dieldrin	ND*		0.009	0.009	ug/L	08/26/13	MH	SW8081	
Endosulfan I	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endosulfan II	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endosulfan Sulfate	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endrin	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
Endrin Aldehyde	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
Endrin ketone	ND		0.050	0.050	ug/L	08/26/13	MH	SW8081	
g-BHC (Lindane)	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
g-chlordane	ND		0.025	0.025	ug/L	08/26/13	MH	SW8081	
Heptachlor	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
Heptachlor epoxide	ND		0.010	0.010	ug/L	08/26/13	MH	SW8081	
Methoxychlor	ND		0.10	0.10	ug/L	08/26/13	MH	SW8081	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Toxaphene	ND		0.25	0.25	ug/L	08/26/13	MH	SW8081	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	43				%	08/26/13	MH	SW8081	
%TCMX (Surrogate Rec)	64				%	08/26/13	MH	SW8081	
Polychlorinated Biphenyls									
PCB-1016	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1221	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1232	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1242	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1248	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1254	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1260	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1262	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
PCB-1268	ND		0.072	0.072	ug/L	08/27/13	AW	8082	
QA/QC Surrogates									
% DCBP	43				%	08/27/13	AW	30 - 150 %	
% TCMX	75				%	08/27/13	AW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,1,1-Trichloroethane	ND		5.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ug/L	08/23/13	KCA	SW8260	
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloroethane	ND		5.0	0.23	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	08/23/13	KCA	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
1,2-Dichloroethane	ND		2.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	
1,3-Dichlorobenzene	ND		5.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	08/23/13	KCA	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	08/23/13	KCA	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Acetone	2.4	J	5.0	0.31	ug/L	08/23/13	KCA	SW8260	
Acrolein	ND		5.0	0.95	ug/L	08/23/13	KCA	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	08/23/13	KCA	SW8260	
Benzene	ND		0.70	0.19	ug/L	08/23/13	KCA	SW8260	

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Bromobenzene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	08/23/13	KCA	SW8260	
Bromoform	ND		5.0	0.10	ug/L	08/23/13	KCA	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	08/23/13	KCA	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	08/23/13	KCA	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	08/23/13	KCA	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	08/23/13	KCA	SW8260	
Chloroform	ND		5.0	0.22	ug/L	08/23/13	KCA	SW8260	
Chloromethane	0.55	J	5.0	0.21	ug/L	08/23/13	KCA	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
cis-1,3-Dichloropropene	ND		1.0	0.15	ug/L	08/23/13	KCA	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	08/23/13	KCA	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	08/23/13	KCA	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Hexachlorobutadiene	ND		1.0	0.13	ug/L	08/23/13	KCA	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	08/23/13	KCA	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	08/23/13	KCA	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	08/23/13	KCA	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	08/23/13	KCA	SW8260	
n-Butylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	08/23/13	KCA	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	08/23/13	KCA	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	08/23/13	KCA	SW8260	
Styrene	ND		1.0	0.41	ug/L	08/23/13	KCA	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	08/23/13	KCA	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	08/23/13	KCA	SW8260	1
Toluene	ND		1.0	0.20	ug/L	08/23/13	KCA	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	08/23/13	KCA	SW8260	
trans-1,3-Dichloropropene	ND		1.0	0.14	ug/L	08/23/13	KCA	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	08/23/13	KCA	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	08/23/13	KCA	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	08/23/13	KCA	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	08/23/13	KCA	70 - 121 %	
% Bromofluorobenzene	99				%	08/23/13	KCA	59 - 113 %	
% Dibromofluoromethane	98				%	08/23/13	KCA	70 - 130 %	
% Toluene-d8	101				%	08/23/13	KCA	84 - 138 %	
Semivolatiles									
1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	08/25/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		5.0	1.4	ug/L	08/25/13	DD	SW 8270	

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1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
1,3-Dichlorobenzene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
1,4-Dichlorobenzene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	5.0	2.7	ug/L	08/25/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
2,4-Dichlorophenol	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
2,4-Dimethylphenol	ND	5.0	1.2	ug/L	08/25/13	DD	SW 8270
2,4-Dinitrophenol	ND	25	3.5	ug/L	08/25/13	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	08/25/13	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
2-Chlorophenol	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	5.0	2.4	ug/L	08/25/13	DD	SW 8270
2-Nitroaniline	ND	25	5.1	ug/L	08/25/13	DD	SW 8270
2-Nitrophenol	ND	5.0	3.2	ug/L	08/25/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	08/25/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	10	2.4	ug/L	08/25/13	DD	SW 8270
3-Nitroaniline	ND	25	11	ug/L	08/25/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	25	5.4	ug/L	08/25/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
4-Chloroaniline	ND	10	2.3	ug/L	08/25/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	08/25/13	DD	SW 8270
4-Nitroaniline	ND	25	1.7	ug/L	08/25/13	DD	SW 8270
4-Nitrophenol	ND	25	2.3	ug/L	08/25/13	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Aniline	ND	25	15	ug/L	08/25/13	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Benzidine	ND	10	2.9	ug/L	08/25/13	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	08/25/13	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	08/25/13	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	08/25/13	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	08/25/13	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	08/25/13	DD	SW 8270
Hexachlorobutadiene	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	08/25/13	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270
Nitrobenzene	ND	5.0	1.8	ug/L	08/25/13	DD	SW 8270
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	08/25/13	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	08/25/13	DD	SW 8270
Phenol	ND	5.0	1.6	ug/L	08/25/13	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	08/25/13	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	08/25/13	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	101			%	08/25/13	DD	19 - 122 %
% 2-Fluorobiphenyl	78			%	08/25/13	DD	30 - 115 %
% 2-Fluorophenol	67			%	08/25/13	DD	25 - 121 %
% Nitrobenzene-d5	86			%	08/25/13	DD	23 - 120 %
% Phenol-d5	68			%	08/25/13	DD	24 - 113 %
% Terphenyl-d14	116			%	08/25/13	DD	18 - 137 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1.5	1.5	ug/L	08/23/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.06	0.040	0.040	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.064	0.060	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	5.9	1.6	1.4	ug/L	08/23/13	DD	SW8270 (SIM)
Chrysene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	0.060	ug/L	08/23/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	1.5	ug/L	08/23/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	08/23/13	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	08/23/13	DD	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	101			%	08/23/13	DD	19 - 122 %
% 2-Fluorobiphenyl	78			%	08/23/13	DD	30 - 115 %
% 2-Fluorophenol	67			%	08/23/13	DD	25 - 121 %
% Nitrobenzene-d5	86			%	08/23/13	DD	23 - 120 %
% Phenol-d5	68			%	08/23/13	DD	24 - 113 %
% Terphenyl-d14	116			%	08/23/13	DD	18 - 137 %

Project ID: 72 BOX ST BKLYN NY
Client ID: DUPLICATE

Phoenix I.D.: BF28364

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

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

Comments:

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

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

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

Phyllis Shiller, Laboratory Director
August 29, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

August 29, 2013

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:		08/22/13	0:00
Location Code:	EBC	Received by:	SW	08/22/13	16:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF28361
Phoenix ID: BF28365

Project ID: 72 BOX ST BKLYN NY
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	08/23/13	KCA	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	08/23/13	KCA	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	08/23/13	KCA	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	08/23/13	KCA	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	08/23/13	KCA	SW8260	
1,2-Dichloroethane	ND	2.0	0.20	ug/L	08/23/13	KCA	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	08/23/13	KCA	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	08/23/13	KCA	SW8260	
1,3-Dichlorobenzene	ND	5.0	0.19	ug/L	08/23/13	KCA	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	08/23/13	KCA	SW8260	
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	08/23/13	KCA	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	08/23/13	KCA	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	08/23/13	KCA	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	08/23/13	KCA	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	08/23/13	KCA	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	08/23/13	KCA	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Acetone	ND	5.0	0.31	ug/L	08/23/13	KCA	SW8260	

Project ID: 72 BOX ST BKLYN NY
Client ID: TRIP BLANK

Phoenix I.D.: BF28365

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acrolein	ND	5.0	0.95	ug/L	08/23/13	KCA	SW8260	
Acrylonitrile	ND	5.0	0.17	ug/L	08/23/13	KCA	SW8260	
Benzene	ND	0.70	0.19	ug/L	08/23/13	KCA	SW8260	
Bromobenzene	ND	1.0	0.20	ug/L	08/23/13	KCA	SW8260	
Bromochloromethane	ND	1.0	0.22	ug/L	08/23/13	KCA	SW8260	
Bromodichloromethane	ND	1.0	0.16	ug/L	08/23/13	KCA	SW8260	
Bromoform	ND	5.0	0.10	ug/L	08/23/13	KCA	SW8260	
Bromomethane	ND	5.0	0.25	ug/L	08/23/13	KCA	SW8260	
Carbon Disulfide	ND	1.0	0.24	ug/L	08/23/13	KCA	SW8260	
Carbon tetrachloride	ND	1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Chlorobenzene	ND	5.0	0.20	ug/L	08/23/13	KCA	SW8260	
Chloroethane	ND	5.0	0.24	ug/L	08/23/13	KCA	SW8260	
Chloroform	ND	5.0	0.22	ug/L	08/23/13	KCA	SW8260	
Chloromethane	ND	5.0	0.21	ug/L	08/23/13	KCA	SW8260	
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	08/23/13	KCA	SW8260	
cis-1,3-Dichloropropene	ND	1.0	0.15	ug/L	08/23/13	KCA	SW8260	
Dibromochloromethane	ND	1.0	0.15	ug/L	08/23/13	KCA	SW8260	
Dibromomethane	ND	1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	08/23/13	KCA	SW8260	
Ethylbenzene	ND	1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Hexachlorobutadiene	ND	1.0	0.13	ug/L	08/23/13	KCA	SW8260	
Isopropylbenzene	ND	1.0	0.22	ug/L	08/23/13	KCA	SW8260	
m&p-Xylene	ND	1.0	0.42	ug/L	08/23/13	KCA	SW8260	
Methyl ethyl ketone	ND	1.0	0.50	ug/L	08/23/13	KCA	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	08/23/13	KCA	SW8260	
Methylene chloride	ND	3.0	0.16	ug/L	08/23/13	KCA	SW8260	
Naphthalene	ND	1.0	0.19	ug/L	08/23/13	KCA	SW8260	
n-Butylbenzene	ND	1.0	0.22	ug/L	08/23/13	KCA	SW8260	
n-Propylbenzene	ND	1.0	0.20	ug/L	08/23/13	KCA	SW8260	
o-Xylene	ND	1.0	0.45	ug/L	08/23/13	KCA	SW8260	
p-Isopropyltoluene	ND	1.0	0.21	ug/L	08/23/13	KCA	SW8260	
sec-Butylbenzene	ND	1.0	0.22	ug/L	08/23/13	KCA	SW8260	
Styrene	ND	1.0	0.41	ug/L	08/23/13	KCA	SW8260	
tert-Butylbenzene	ND	1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Tetrachloroethene	ND	1.0	0.24	ug/L	08/23/13	KCA	SW8260	
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	08/23/13	KCA	SW8260	1
Toluene	ND	1.0	0.20	ug/L	08/23/13	KCA	SW8260	
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	08/23/13	KCA	SW8260	
trans-1,3-Dichloropropene	ND	1.0	0.14	ug/L	08/23/13	KCA	SW8260	
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	08/23/13	KCA	SW8260	
Trichloroethene	ND	1.0	0.18	ug/L	08/23/13	KCA	SW8260	
Trichlorofluoromethane	ND	1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	08/23/13	KCA	SW8260	
Vinyl chloride	ND	1.0	0.14	ug/L	08/23/13	KCA	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	08/23/13	KCA	70 - 121 %	
% Bromofluorobenzene	98			%	08/23/13	KCA	59 - 113 %	
% Dibromofluoromethane	99			%	08/23/13	KCA	70 - 130 %	
% Toluene-d8	101			%	08/23/13	KCA	84 - 138 %	

Project ID: 72 BOX ST BKLYN NY
Client ID: TRIP BLANK

Phoenix I.D.: BF28365

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

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

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 29, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

Sample Criteria Exceedences Report

GBF28361 - EBC

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF28361	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.6	0.6	ug/L
BF28361	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BF28361	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BF28361	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF28361	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF28361	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
BF28361	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF28361	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
BF28361	$DP8270-SIMF	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28361	$DP8270-SIMF	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28361	$DP8270-SIMF	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
BF28361	$DP8270-SIMF	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BF28361	$DP8270-SIMF	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BF28361	$DP8270-SIMF	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28361	$DP8270-SIMF	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.5	0.5	ug/L
BF28361	$DP8270-SIMF	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28361	$DP8270-SIMF	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28361	$DP8270-SIMF	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28361	$DP8270-SIMF	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28361	$DP8270-SIMF	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28361	$DP8270-SIMF	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28361	$DP8270-SIMF	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28361	$DP8270-SIMF	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28361	$DP8270-SIMF	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28361	$DP8270-SIMF	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28361	$DP8270-SIMF	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28361	$DP8270-SIMF	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28361	$DP8270-SIMF	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28361	$DP8270-SIMF	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28361	$DP8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.060	0.04	0.04	ug/L

Sample Criteria Exceedences Report

Requested Criteria: GW
State: NY

GBF28361 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF28361	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.040	0.002	0.002	ug/L
BF28361	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.05	0.040	0.002	0.002	ug/L
BF28361	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28361	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28361	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.064	0.002	0.002	ug/L
BF28361	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.064	0.002	0.002	ug/L
BF28361	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28361	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28361	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28361	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28361	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28361	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BF28361	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	38.7	0.10	0.1	0.1	mg/L
BF28361	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.081	0.001	0.05	0.05	mg/L
BF28361	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.41	0.01	0.1	0.1	mg/L
BF28361	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.307	0.005	0.3	0.3	mg/L
BF28361	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	182	1.1	20	20	mg/L
BF28361	DTL-WMDP	Thallium , (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF28361	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	102	0.10	0.3	0.3	mg/L
BF28361	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.58	0.050	0.3	0.3	mg/L
BF28361	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	179	1.0	20	20	mg/L
BF28361	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.060	0.002	0.025	0.025	mg/L
BF28361	TL-WMDP	Thallium	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF28362	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.6	0.6	ug/L
BF28362	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BF28362	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BF28362	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF28362	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF28362	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
BF28362	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF28362	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
BF28362	$DP8270-SIMF	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28362	$DP8270-SIMF	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28362	$DP8270-SIMF	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
BF28362	$DP8270-SIMF	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BF28362	$DP8270-SIMF	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L

Sample Criteria Exceedences Report

Requested Criteria: GW
State: NY

GBF28361 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF28362	$DP8270-SIMF	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BF28362	$DP8270-SIMF	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28362	$DP8270-SIMF	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.5	0.5	ug/L
BF28362	$DP8270-SIMF	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28362	$DP8270-SIMF	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28362	$DP8270-SIMF	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28362	$DP8270-SIMF	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28362	$DP8270-SIMF	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28362	$DP8270-SIMF	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28362	$DP8270-SIMF	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28362	$DP8270-SIMF	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28362	$DP8270-SIMF	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28362	$DP8270-SIMF	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28362	$DP8270-SIMF	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28362	$DP8270-SIMF	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28362	$DP8270-SIMF	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28362	$DP8270-SIMF	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28362	$DP8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.060	0.04	0.04	ug/L
BF28362	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.040	0.002	0.002	ug/L
BF28362	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.06	0.040	0.002	0.002	ug/L
BF28362	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28362	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28362	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.064	0.002	0.002	ug/L
BF28362	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.064	0.002	0.002	ug/L
BF28362	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28362	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28362	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28362	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28362	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28362	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BF28362	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	13.8	0.10	0.1	0.1	mg/L
BF28362	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.33	0.01	0.1	0.1	mg/L
BF28362	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.36	0.01	0.3	0.3	mg/L
BF28362	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	79.3	0.01	35	35	mg/L
BF28362	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.682	0.005	0.3	0.3	mg/L
BF28362	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	230	1.1	20	20	mg/L

Sample Criteria Exceedences Report

GBF28361 - EBC

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF28362	DTL-WMDP	Thallium , (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF28362	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	40.2	0.10	0.3	0.3	mg/L
BF28362	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	75.5	0.10	35	35	mg/L
BF28362	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	0.887	0.005	0.3	0.3	mg/L
BF28362	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	225	1.0	20	20	mg/L
BF28362	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.038	0.002	0.025	0.025	mg/L
BF28362	TL-WMDP	Thallium	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF28363	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.6	0.6	ug/L
BF28363	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BF28363	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BF28363	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF28363	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF28363	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
BF28363	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF28363	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
BF28363	$DP8270-SIMF	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28363	$DP8270-SIMF	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28363	$DP8270-SIMF	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
BF28363	$DP8270-SIMF	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BF28363	$DP8270-SIMF	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BF28363	$DP8270-SIMF	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28363	$DP8270-SIMF	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.5	0.5	ug/L
BF28363	$DP8270-SIMF	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28363	$DP8270-SIMF	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28363	$DP8270-SIMF	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28363	$DP8270-SIMF	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28363	$DP8270-SIMF	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28363	$DP8270-SIMF	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28363	$DP8270-SIMF	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L

Sample Criteria Exceedences Report

GBF28361 - EBC

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF28363	$DP8270-SIMF	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28363	$DP8270-SIMF	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28363	$DP8270-SIMF	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28363	$DP8270-SIMF	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28363	$DP8270-SIMF	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28363	$DP8270-SIMF	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28363	$DP8270-SIMF	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28363	$DP8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.060	0.04	0.04	ug/L
BF28363	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.040	0.002	0.002	ug/L
BF28363	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.04	0.040	0.002	0.002	ug/L
BF28363	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28363	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28363	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.064	0.002	0.002	ug/L
BF28363	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.064	0.002	0.002	ug/L
BF28363	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28363	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28363	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28363	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28363	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28363	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BF28363	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	6.41	0.010	0.1	0.1	mg/L
BF28363	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.21	0.053	0.3	0.3	mg/L
BF28363	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	79.0	1.1	20	20	mg/L
BF28363	DTL-WMDP	Thallium , (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF28363	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	15.8	0.10	0.3	0.3	mg/L
BF28363	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	3.49	0.050	0.3	0.3	mg/L
BF28363	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	72.6	1.0	20	20	mg/L
BF28363	TL-WMDP	Thallium	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF28364	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.6	0.6	ug/L
BF28364	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BF28364	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BF28364	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF28364	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF28364	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
BF28364	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF28364	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
BF28364	$DP8270-SIMF	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28364	$DP8270-SIMF	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L

Sample Criteria Exceedences Report

GBF28361 - EBC

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF28364	$DP8270-SIMF	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
BF28364	$DP8270-SIMF	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BF28364	$DP8270-SIMF	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BF28364	$DP8270-SIMF	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28364	$DP8270-SIMF	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.5	0.5	ug/L
BF28364	$DP8270-SIMF	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BF28364	$DP8270-SIMF	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28364	$DP8270-SIMF	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28364	$DP8270-SIMF	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28364	$DP8270-SIMF	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28364	$DP8270-SIMF	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28364	$DP8270-SIMF	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28364	$DP8270-SIMF	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28364	$DP8270-SIMF	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28364	$DP8270-SIMF	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BF28364	$DP8270-SIMF	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BF28364	$DP8270-SIMF	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BF28364	$DP8270-SIMF	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28364	$DP8270-SIMF	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BF28364	$DP8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.060	0.04	0.04	ug/L
BF28364	$DP8270-SIMR	Bis(2-ethylhexyl)phthalate	NY / TOGS - Water Quality / GA Criteria	5.9	1.6	5	5	ug/L
BF28364	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.040	0.002	0.002	ug/L
BF28364	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.06	0.040	0.002	0.002	ug/L
BF28364	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28364	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28364	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.064	0.002	0.002	ug/L
BF28364	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.064	0.002	0.002	ug/L
BF28364	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28364	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28364	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28364	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.10	0.002	0.002	ug/L
BF28364	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.10	0.002	0.002	ug/L
BF28364	$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND*	0.009	0.004	0.004	ug/L

Sample Criteria Exceedences Report

Requested Criteria: GW
State: NY

GBF28361 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF28364	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BF28364	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	8.73	0.010	0.1	0.1	mg/L
BF28364	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.14	0.01	0.1	0.1	mg/L
BF28364	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	4.56	0.053	0.3	0.3	mg/L
BF28364	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	70.2	1.1	20	20	mg/L
BF28364	DTL-WMDP	Thallium , (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF28364	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	16.6	0.10	0.3	0.3	mg/L
BF28364	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	4.66	0.050	0.3	0.3	mg/L
BF28364	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	65.7	1.0	20	20	mg/L
BF28364	TL-WMDP	Thallium	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BF28365	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.6	0.6	ug/L
BF28365	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BF28365	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BF28365	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF28365	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF28365	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
BF28365	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF28365	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

August 29, 2013

SDG I.D.: GBF28361

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

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

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

Data Delivery:
☐ Fax #:
☒ Email: CSOsike@ecincny.com

Customer: EEC
Address: 1808 Middle Country Rd Ridge NY
Project: 72 Box St Brklyn NY
Report to:
Invoice to:
Project P.O:
Phone #:
Fax #:

Sampler's Signature
Client Sample - Information - Identification
Date: 8-22

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	VOC 8260	SVOC 8270	PEST PCB's	TAL Metals Filt/Unfilt	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [X]	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml [ ] 500ml	PL NaOH 250ml	Bacteria Bottle
28361	mw-1	GW	8-22	1000	X	X	X	X				3	3	1		1		
28362	mw-2	GW	↓	1030	X	↓	↓	↓				3	3	1		1		
28363	mw-4	GW	↓	1100	X	↓	↓	↓				3	3	1		1		
28364	Duplicate	GW	↓		X	X	X	X				3	3	1		1		
28365	Trip blank				X							3						
												2						

Relinquished by:	Accepted by:	Date:	Time:
		8-22	12:17
		8-22-13	1642

Comments, Special Requirements or Regulations:

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

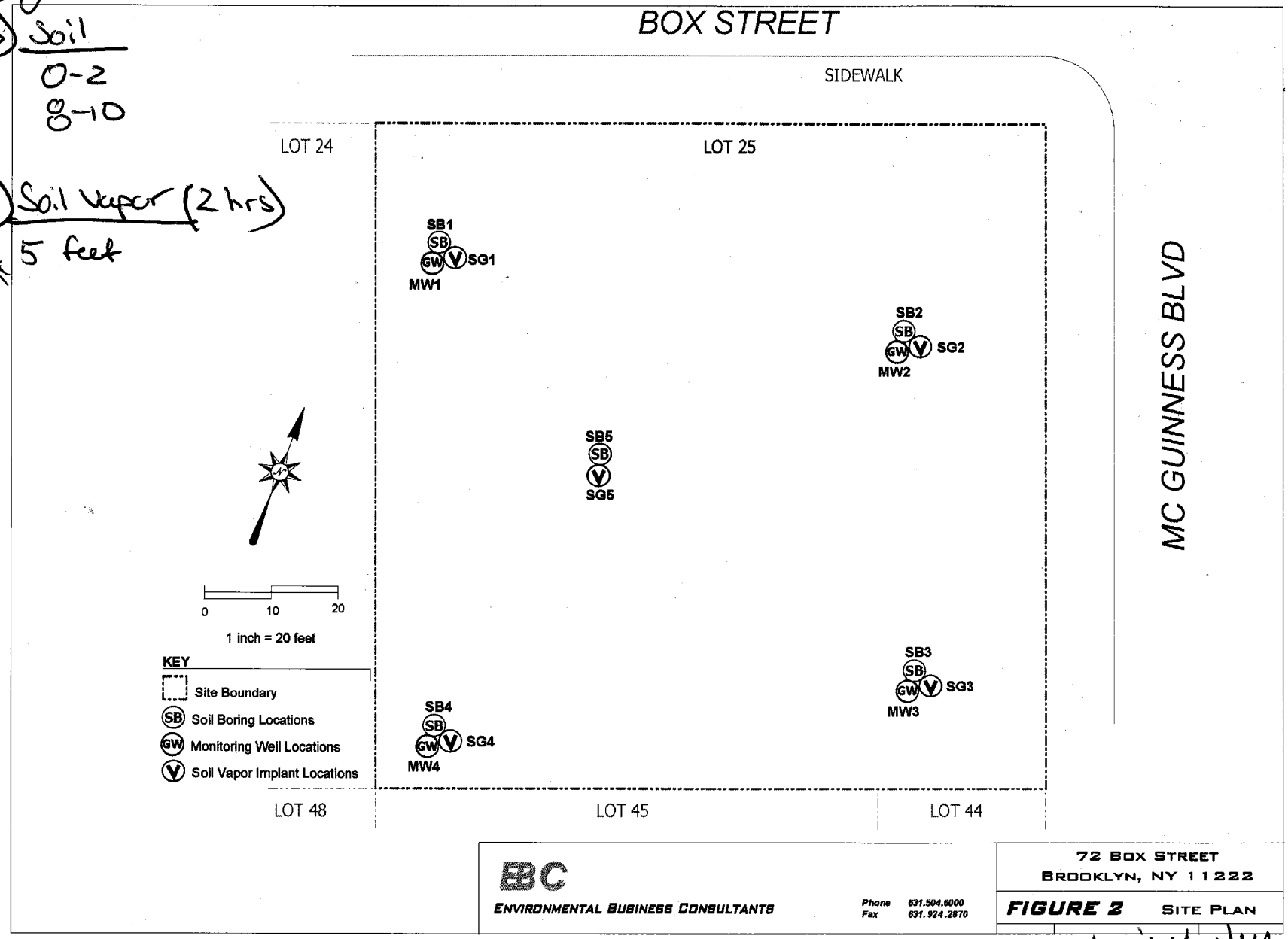
NY
☒ TOGS GA GW
☐ CP-51 Soil
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

1) gw → 10-12
2) gw flow → NW
3) Soil
0-2
8-10
4) Soil Vapor (2 hrs)
5 feet



EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

72 BOX STREET
BROOKLYN, NY 11222

FIGURE 2 SITE PLAN

- 1/4 inch for

20 →

PHOENIX
Environmental Laboratories, Inc.

Tuesday, September 03, 2013

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

Project ID: 72 BOX ST., BROOKLYN
Sample ID#s: BF28366 - BF28370

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

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

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

September 03, 2013

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:		08/22/13	11:04
Location Code:	EBC	Received by:	LB	08/22/13	16:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF28366
Phoenix ID: BF28366

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	08/23/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	08/23/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	08/23/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	08/23/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	08/23/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	08/23/13	KCA	TO15	
1,2,4-Trimethylbenzene	3.15	*0.204*	15.5	*1.00*	08/23/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	08/23/13	KCA	TO15	
1,3,5-Trimethylbenzene	0.99	*0.204*	4.86	*1.00*	08/23/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	08/23/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	08/23/13	KCA	TO15	1
4-Ethyltoluene	1.07	*0.204*	5.26	*1.00*	08/23/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	7.14	*0.244*	29.2	*1.00*	08/23/13	KCA	TO15	
Acetone	235	*0.421*	558	*1.00*	08/23/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	08/23/13	KCA	TO15	
Benzene	3.82	*0.313*	12.2	*1.00*	08/23/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	08/23/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	08/23/13	KCA	TO15	

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-3

Phoenix I.D.: BF28366

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	08/23/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	08/23/13	KCA	TO15	
Carbon Disulfide	45.4	*0.321*	141	*1.00*	08/23/13	KCA	TO15	
Carbon Tetrachloride	0.06	*0.040*	0.377	*0.25*	08/23/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	08/23/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	08/23/13	KCA	TO15	
Chloroform	1.2	*0.205*	5.86	*1.00*	08/23/13	KCA	TO15	
Chloromethane	29.9	*0.484*	61.7	*1.00*	08/23/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	08/23/13	KCA	TO15	
Cyclohexane	5.33	*0.291*	18.3	*1.00*	08/23/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	08/23/13	KCA	TO15	
Dichlorodifluoromethane	0.71	*0.202*	3.51	*1.00*	08/23/13	KCA	TO15	
Ethanol	14.6	*0.531*	27.5	*1.00*	08/23/13	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	1
Ethylbenzene	5.41	*0.230*	23.5	*1.00*	08/23/13	KCA	TO15	
Heptane	2.76	*0.244*	11.3	*1.00*	08/23/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	08/23/13	KCA	TO15	
Hexane	4.94	*0.284*	17.4	*1.00*	08/23/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	08/23/13	KCA	TO15	
Isopropylbenzene	0.36	*0.204*	1.77	*1.00*	08/23/13	KCA	TO15	
m,p-Xylene	18.8	*0.230*	81.6	*1.00*	08/23/13	KCA	TO15	
Methyl Ethyl Ketone	40.4	*0.339*	119	*1.00*	08/23/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	
Methylene Chloride	1.03	*0.288*	3.58	*1.00*	08/23/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
o-Xylene	6.02	*0.230*	26.1	*1.00*	08/23/13	KCA	TO15	
Propylene	325	*0.581*	559	*1.00*	08/23/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	08/23/13	KCA	TO15	
Tetrachloroethene	1.03	*0.037*	6.98	*0.25*	08/23/13	KCA	TO15	
Tetrahydrofuran	4.29	*0.339*	12.6	*1.00*	08/23/13	KCA	TO15	1
Toluene	23.1	*0.266*	87.0	*1.00*	08/23/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	08/23/13	KCA	TO15	
Trichloroethene	0.24	*0.047*	1.29	*0.25*	08/23/13	KCA	TO15	
Trichlorofluoromethane	0.69	*0.178*	3.87	*1.00*	08/23/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	08/23/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	08/23/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	112	*%*	112	*%*	08/23/13	KCA	TO15	

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-3

Phoenix I.D.: BF28366

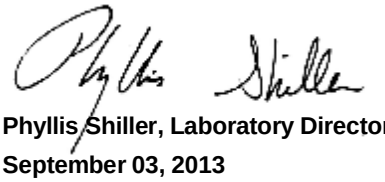
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

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

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

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
September 03, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

September 03, 2013

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:		08/22/13	11:03
Location Code:	EBC	Received by:	LB	08/22/13	16:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF28366
Phoenix ID: BF28367

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	08/23/13	KCA	TO15	1
1,1,1-Trichloroethane	1.24	*0.183*	6.76	*1.00*	08/23/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	08/23/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	08/23/13	KCA	TO15	
1,1-Dichloroethane	0.42	*0.247*	1.70	*1.00*	08/23/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	08/23/13	KCA	TO15	
1,2,4-Trimethylbenzene	3.16	*0.204*	15.5	*1.00*	08/23/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	08/23/13	KCA	TO15	
1,3,5-Trimethylbenzene	1.08	*0.204*	5.31	*1.00*	08/23/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	08/23/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	
2-Hexanone(MBK)	13.6	*0.244*	55.7	*1.00*	08/23/13	KCA	TO15	1
4-Ethyltoluene	0.83	*0.204*	4.08	*1.00*	08/23/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	1.79	*0.244*	7.33	*1.00*	08/23/13	KCA	TO15	
Acetone	162	*0.421*	384	*1.00*	08/23/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	08/23/13	KCA	TO15	
Benzene	3.22	*0.313*	10.3	*1.00*	08/23/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	08/23/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	08/23/13	KCA	TO15	

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-2

Phoenix I.D.: BF28367

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	08/23/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	08/23/13	KCA	TO15	
Carbon Disulfide	9.5	*0.321*	29.6	*1.00*	08/23/13	KCA	TO15	
Carbon Tetrachloride	ND	*0.040*	ND	*0.25*	08/23/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	08/23/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	08/23/13	KCA	TO15	
Chloroform	1.95	*0.205*	9.52	*1.00*	08/23/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	08/23/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	08/23/13	KCA	TO15	
Cyclohexane	4.69	*0.291*	16.1	*1.00*	08/23/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	08/23/13	KCA	TO15	
Dichlorodifluoromethane	102	*0.202*	504	*1.00*	08/23/13	KCA	TO15	
Ethanol	24.8	*0.531*	46.7	*1.00*	08/23/13	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	1
Ethylbenzene	5.15	*0.230*	22.3	*1.00*	08/23/13	KCA	TO15	
Heptane	5.12	*0.244*	21.0	*1.00*	08/23/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	08/23/13	KCA	TO15	
Hexane	7.89	*0.284*	27.8	*1.00*	08/23/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	08/23/13	KCA	TO15	
Isopropylbenzene	0.37	*0.204*	1.82	*1.00*	08/23/13	KCA	TO15	
m,p-Xylene	19	*0.230*	82.4	*1.00*	08/23/13	KCA	TO15	
Methyl Ethyl Ketone	143	*0.339*	421	*1.00*	08/23/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	
Methylene Chloride	0.98	*0.288*	3.40	*1.00*	08/23/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
o-Xylene	6.59	*0.230*	28.6	*1.00*	08/23/13	KCA	TO15	
Propylene	122	*0.581*	210	*1.00*	08/23/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	08/23/13	KCA	TO15	
Tetrachloroethene	0.81	*0.037*	5.49	*0.25*	08/23/13	KCA	TO15	
Tetrahydrofuran	7.15	*0.339*	21.1	*1.00*	08/23/13	KCA	TO15	1
Toluene	25.3	*0.266*	95.3	*1.00*	08/23/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	08/23/13	KCA	TO15	
Trichloroethene	5.09	*0.047*	27.3	*0.25*	08/23/13	KCA	TO15	
Trichlorofluoromethane	1.05	*0.178*	5.90	*1.00*	08/23/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	08/23/13	KCA	TO15	
Vinyl Chloride	0.67	*0.098*	1.71	*0.25*	08/23/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	107	*%*	107	*%*	08/23/13	KCA	TO15	

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-2

Phoenix I.D.: BF28367

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

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

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

Comments:

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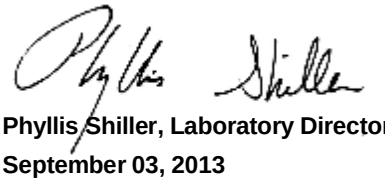

Phyllis Shiller, Laboratory Director
September 03, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 03, 2013

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:		08/22/13	10:53
Location Code:	EBC	Received by:	LB	08/22/13	16:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF28366
Phoenix ID: BF28368

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	08/23/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	08/23/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	08/23/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	08/23/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	08/23/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	08/23/13	KCA	TO15	
1,2,4-Trimethylbenzene	3.35	*0.204*	16.4	*1.00*	08/23/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichloroethane	2.81	*0.247*	11.4	*1.00*	08/23/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	08/23/13	KCA	TO15	
1,3,5-Trimethylbenzene	2.54	*0.204*	12.5	*1.00*	08/23/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	08/23/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	08/23/13	KCA	TO15	1
4-Ethyltoluene	4.47	*0.204*	22.0	*1.00*	08/23/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	08/23/13	KCA	TO15	
Acetone	1580	*0.421*	3750	*1.00*	08/23/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	08/23/13	KCA	TO15	
Benzene	136	*0.313*	434	*1.00*	08/23/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	08/23/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	08/23/13	KCA	TO15	

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-1

Phoenix I.D.: BF28368

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	08/23/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	08/23/13	KCA	TO15	
Carbon Disulfide	14.8	*0.321*	46.0	*1.00*	08/23/13	KCA	TO15	
Carbon Tetrachloride	0.04	*0.040*	0.251	*0.25*	08/23/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	08/23/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	08/23/13	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	08/23/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	08/23/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	08/23/13	KCA	TO15	
Cyclohexane	211	*0.291*	726	*1.00*	08/23/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	08/23/13	KCA	TO15	
Dichlorodifluoromethane	1.95	*0.202*	9.64	*1.00*	08/23/13	KCA	TO15	
Ethanol	47.2	*0.531*	88.9	*1.00*	08/23/13	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	1
Ethylbenzene	23.8	*0.230*	103	*1.00*	08/23/13	KCA	TO15	
Heptane	442	*0.244*	1810	*1.00*	08/23/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	08/23/13	KCA	TO15	
Hexane	372	*0.284*	1310	*1.00*	08/23/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	08/23/13	KCA	TO15	
Isopropylbenzene	4.18	*0.204*	20.5	*1.00*	08/23/13	KCA	TO15	
m,p-Xylene	30.4	*0.230*	132	*1.00*	08/23/13	KCA	TO15	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	08/23/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	08/23/13	KCA	TO15	
n-Butylbenzene	0.21	*0.182*	1.15	*1.00*	08/23/13	KCA	TO15	1
o-Xylene	13.4	*0.230*	58.1	*1.00*	08/23/13	KCA	TO15	
Propylene	110	*0.581*	189	*1.00*	08/23/13	KCA	TO15	1
sec-Butylbenzene	0.39	*0.182*	2.14	*1.00*	08/23/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	08/23/13	KCA	TO15	
Tetrachloroethene	0.07	*0.037*	0.474	*0.25*	08/23/13	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	08/23/13	KCA	TO15	1
Toluene	50.1	*0.266*	189	*1.00*	08/23/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	08/23/13	KCA	TO15	
Trichloroethene	0.17	*0.047*	0.913	*0.25*	08/23/13	KCA	TO15	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	08/23/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	08/23/13	KCA	TO15	
Vinyl Chloride	0.47	*0.098*	1.20	*0.25*	08/23/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	Interference	%	Interference	%	08/23/13	KCA	TO15	

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-1

Phoenix I.D.: BF28368

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

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

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

Comments:

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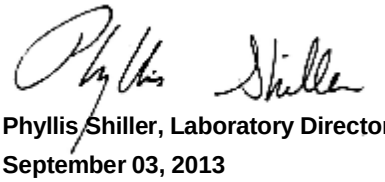

Phyllis Shiller, Laboratory Director
September 03, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 03, 2013

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:		08/22/13	10:52
Location Code:	EBC	Received by:	LB	08/22/13	16:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF28366
Phoenix ID: BF28369

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	08/23/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	08/23/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	08/23/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	08/23/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	08/23/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	08/23/13	KCA	TO15	
1,2,4-Trimethylbenzene	1.73	*0.204*	8.50	*1.00*	08/23/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichloroethane	0.69	*0.247*	2.79	*1.00*	08/23/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	08/23/13	KCA	TO15	
1,3,5-Trimethylbenzene	0.68	*0.204*	3.34	*1.00*	08/23/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	08/23/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	08/23/13	KCA	TO15	1
4-Ethyltoluene	0.63	*0.204*	3.10	*1.00*	08/23/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	08/23/13	KCA	TO15	
Acetone	169	*0.421*	401	*1.00*	08/23/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	08/23/13	KCA	TO15	
Benzene	17.9	*0.313*	57.1	*1.00*	08/23/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	08/23/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	08/23/13	KCA	TO15	

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-4

Phoenix I.D.: BF28369

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	08/23/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	08/23/13	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	08/23/13	KCA	TO15	
Carbon Tetrachloride	ND	*0.040*	ND	*0.25*	08/23/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	08/23/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	08/23/13	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	08/23/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	08/23/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	08/23/13	KCA	TO15	
Cyclohexane	28.2	*0.291*	97.0	*1.00*	08/23/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	08/23/13	KCA	TO15	
Dichlorodifluoromethane	ND	*0.202*	ND	*1.00*	08/23/13	KCA	TO15	
Ethanol	16.4	*0.531*	30.9	*1.00*	08/23/13	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	1
Ethylbenzene	4.39	*0.230*	19.0	*1.00*	08/23/13	KCA	TO15	
Heptane	20.9	*0.244*	85.6	*1.00*	08/23/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	08/23/13	KCA	TO15	
Hexane	124	*0.284*	437	*1.00*	08/23/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	08/23/13	KCA	TO15	
Isopropylbenzene	0.58	*0.204*	2.85	*1.00*	08/23/13	KCA	TO15	
m,p-Xylene	13.2	*0.230*	57.3	*1.00*	08/23/13	KCA	TO15	
Methyl Ethyl Ketone	13.7	*0.339*	40.4	*1.00*	08/23/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	
Methylene Chloride	0.64	*0.288*	2.22	*1.00*	08/23/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
o-Xylene	4.61	*0.230*	20.0	*1.00*	08/23/13	KCA	TO15	
Propylene	275	*0.581*	473	*1.00*	08/23/13	KCA	TO15	1
sec-Butylbenzene	0.24	*0.182*	1.32	*1.00*	08/23/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	08/23/13	KCA	TO15	
Tetrachloroethene	0.11	*0.037*	0.746	*0.25*	08/23/13	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	08/23/13	KCA	TO15	1
Toluene	29.3	*0.266*	110	*1.00*	08/23/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	08/23/13	KCA	TO15	
Trichloroethene	0.09	*0.047*	0.483	*0.25*	08/23/13	KCA	TO15	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	08/23/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	08/23/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	08/23/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	Interference	*%*	Interference	*%*	08/23/13	KCA	TO15	

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-4

Phoenix I.D.: BF28369

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

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

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

Comments:

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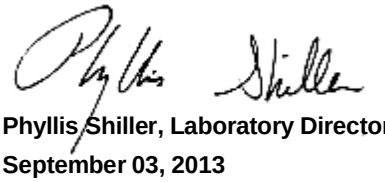

Phyllis Shiller, Laboratory Director
September 03, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 03, 2013

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:		08/22/13	10:54
Location Code:	EBC	Received by:	LB	08/22/13	16:42
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF28366
Phoenix ID: BF28370

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	08/23/13	KCA	TO15	1
1,1,1-Trichloroethane	0.38	*0.183*	2.07	*1.00*	08/23/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	08/23/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	08/23/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	08/23/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	08/23/13	KCA	TO15	
1,2,4-Trimethylbenzene	2.14	*0.204*	10.5	*1.00*	08/23/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	08/23/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	08/23/13	KCA	TO15	
1,3,5-Trimethylbenzene	0.72	*0.204*	3.54	*1.00*	08/23/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	08/23/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	08/23/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	08/23/13	KCA	TO15	1
4-Ethyltoluene	0.7	*0.204*	3.44	*1.00*	08/23/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	1.44	*0.244*	5.90	*1.00*	08/23/13	KCA	TO15	
Acetone	41.2	*0.421*	97.8	*1.00*	08/23/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	08/23/13	KCA	TO15	
Benzene	3.97	*0.313*	12.7	*1.00*	08/23/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	08/23/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	08/23/13	KCA	TO15	

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-5

Phoenix I.D.: BF28370

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	08/23/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	08/23/13	KCA	TO15	
Carbon Disulfide	2.56	*0.321*	7.97	*1.00*	08/23/13	KCA	TO15	
Carbon Tetrachloride	ND	*0.040*	ND	*0.25*	08/23/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	08/23/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	08/23/13	KCA	TO15	
Chloroform	0.49	*0.205*	2.39	*1.00*	08/23/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	08/23/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	08/23/13	KCA	TO15	
Cyclohexane	2.85	*0.291*	9.80	*1.00*	08/23/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	08/23/13	KCA	TO15	
Dichlorodifluoromethane	352	*0.202*	1740	*1.00*	08/23/13	KCA	TO15	
Ethanol	19.4	*0.531*	36.5	*1.00*	08/23/13	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	1
Ethylbenzene	2.71	*0.230*	11.8	*1.00*	08/23/13	KCA	TO15	
Heptane	2	*0.244*	8.19	*1.00*	08/23/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	08/23/13	KCA	TO15	
Hexane	6.19	*0.284*	21.8	*1.00*	08/23/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	08/23/13	KCA	TO15	
Isopropylbenzene	0.34	*0.204*	1.67	*1.00*	08/23/13	KCA	TO15	
m,p-Xylene	10.4	*0.230*	45.1	*1.00*	08/23/13	KCA	TO15	
Methyl Ethyl Ketone	2.53	*0.339*	7.46	*1.00*	08/23/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	08/23/13	KCA	TO15	
Methylene Chloride	0.36	*0.288*	1.25	*1.00*	08/23/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
o-Xylene	3.57	*0.230*	15.5	*1.00*	08/23/13	KCA	TO15	
Propylene	129	*0.581*	222	*1.00*	08/23/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	08/23/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	08/23/13	KCA	TO15	
Tetrachloroethene	0.47	*0.037*	3.18	*0.25*	08/23/13	KCA	TO15	
Tetrahydrofuran	4.82	*0.339*	14.2	*1.00*	08/23/13	KCA	TO15	1
Toluene	10.1	*0.266*	38.0	*1.00*	08/23/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	08/23/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	08/23/13	KCA	TO15	
Trichloroethene	0.2	*0.047*	1.07	*0.25*	08/23/13	KCA	TO15	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	08/23/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	08/23/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	08/23/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	107	*%*	107	*%*	08/23/13	KCA	TO15	

Project ID: 72 BOX ST., BROOKLYN
Client ID: SG-5

Phoenix I.D.: BF28370

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

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

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

Comments:

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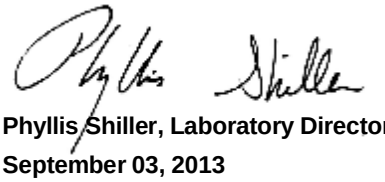

Phyllis Shiller, Laboratory Director
September 03, 2013
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

September 03, 2013

QA/QC Data

SDG I.D.: GBF28366

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 249006, QC Sample No: BF27743 (BF28366, BF28367, BF28368, BF28369, BF28370)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	83	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	99	1.18	1.13	0.24	0.23	4.3	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	83	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	78	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	ND	86	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	77	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	92	2.30	2.08	0.42	0.38	10.0	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	76	3.97	3.48	0.97	0.85	13.2	70 - 130	20
Acetone	ND	ND	76	641	660	270	278	2.9	70 - 130	20
Acrylonitrile	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	87	ND	ND	ND	ND	NC	70 - 130	20
Benzyl chloride	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	87	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	134	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	89	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	ND	109	0.629	0.566	0.1	0.09	10.5	70 - 130	20
Chlorobenzene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	80	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	88	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	83	61.9	60.5	18	17.6	2.2	70 - 130	20
Dibromochloromethane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	95	2.57	2.37	0.52	0.48	8.0	70 - 130	20
Ethanol	ND	ND	118	277	280	147	149	1.4	70 - 130	20

QA/QC Data

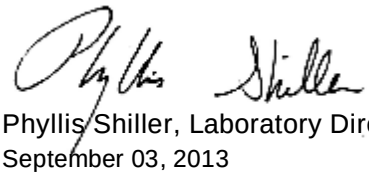
SDG I.D.: GBF28366

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	93	165	168	45.9	46.7	1.7	70 - 130	20
Ethylbenzene	ND	ND	102	2.39	2.13	0.55	0.49	11.5	70 - 130	20
Heptane	ND	ND	64	ND	ND	ND	ND	NC	70 - 130	20
Hexachlorobutadiene	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	90	229	228	64.9	64.8	0.2	70 - 130	20
Isopropylalcohol	ND	ND	88	37.6	36.8	15.3	15	2.0	70 - 130	20
Isopropylbenzene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	103	9.03	8.85	2.08	2.04	1.9	70 - 130	20
Methyl Ethyl Ketone	ND	ND	104	195	196	66.3	66.4	0.2	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	80	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	84	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	101	3.47	3.38	0.8	0.78	2.5	70 - 130	20
Propylene	ND	ND	80	8.96	8.02	5.21	4.66	11.1	70 - 130	20
sec-Butylbenzene	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	99	12.8	12.8	3	3.01	0.3	70 - 130	20
Tetrachloroethene	ND	ND	82	ND	ND	ND	ND	NC	70 - 130	20
Tetrahydrofuran	ND	ND	100	234	289	79.4	98.1	21.1	70 - 130	20
Toluene	ND	ND	89	12.7	13.0	3.37	3.45	2.3	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	79	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	85	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	104	1.35	1.24	0.24	0.22	8.7	70 - 130	20
Trichlorotrifluoroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	87	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	98	98	103	108	106	108	106	1.9	70 - 130	20

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

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

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



Phyllis Shiller, Laboratory Director
September 03, 2013

Sample Criteria Exceedences Report

GBF28366 - EBC

Requested Criteria: None

State: NY

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

*** No Data to Display ***

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES
800-827-5426
email: greg@phoenixlabs.com

P.O. # Page 1 of 1

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

Report to:
Customer: EBC
Address:

Invoice to: EBC

Sampled by: KW

Project Name: 72 Box St Bklyn NY
Criteria Requested: Deliverable:
RCP ☐
MCP ☐
State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
28366	SG-3	12858	6L	-30"	0	4959 5044		922	1104	8-22	-30	-2		X			X
28367	SG-2	12863			-2	5660		917	1103	8-22	-28	-4		X			X
28368	SG-1	478			-2	4497 4504		910	1053	8-22	-28	-3		X			X
28369	SG-4	483			0	5014 4979		915	1052	8-22	-29	-2		X			X
28370	SG-5	496			-2	4979 4995		913	1054	8-22	-28	-5		X			X

Relinquished by:	Accepted by:	Date:	Time:
		8-22-17	1217
		8-22-17	1642

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Quote Number:

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: