242-246 WALLABOUT STREET

BLOCK 2264, LOTS 7, 8 AND 9

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC BCP Site Number: 12CBCP030K

Prepared for:

Satmar Wallabout Development, LLC
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Prepared by:

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LIST OF ACRONYMS

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

CERTIFICATION

I, Charles Sosik, 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 242 Wallabout Street Site, (NYC BCP Site No. 12CBCP030K). 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 242 Wallabout Street in the Williamsburg section of Brooklyn, New York and is identified as Block 2264, Lots 7, 8 and 9 on the New York City Tax Map. Figure 1 shows the Site location. The three adjacent lots are located on the south side of Wallabout Street, between Lee Avenue and Marcy Avenue. Access to the property is provided by a gate in an 8-foot high chain link fence along Wallabout Street. A 4-foot high chain link fence is present at the rear of the Site to separate it from the rear yards of the apartment buildings to the south. The site consisted of a soil/grass cover and several 5 to 10 cubic yard low mounds of soil/fill material near the rear corners. The combined area of the three lots is 6,983-square feet and is bounded by Wallabout Street to the north, new multi-family residential buildings to the south and east, and mixed use commercial-residential buildings to the west. A map of the site boundary is shown in Figure 2. The lots are currently vacant land and have been so since 1981.

The elevation of the Site is approximately 11 feet above the National Geodetic Vertical Datum (NGVD). The topography in the immediate area of the property generally slopes downward to the east from the west.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of the construction of a new 7-story mixed use community/residential building with a full depth (9-foot) basement. The proposed plan includes public ceremonial baths (Mikvah) and storage on the basement level, prayer rooms on the ground/first floor, a main Synagogue on the second floor and residential apartments (2 units per floor) on floors 3 through 7.

The layout of the proposed site development is presented in **Figure 3**. The current zoning designation is R7-1 Residential. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Historical information (DOB records, Sanborn Maps and City Directory listings) reviewed for the subject site identified the subject site as being a vacant lot until approximately 1904 whenthe three lots were each developed with a 3-story dwelling with limited first floor commercial space. In 1981, all three residential buildings on the subject site were demolished and the site has been left undeveloped since.

All adjacent properties have been used for residential purposes with the exception of several stores located on the first floor of residential buildings fronting Lee Avenue, and a lumber yard and empty lot parking area located to the southeast.

No areas of concern were identified in the Phase I report or the site inspection. The AOCs identified for this site during the RI include:

1. The results of this RI identified historic fill to depths of approximately 8 feet below surface grade.

Summary of the Work Performed under the Remedial Investigation

Satmar-Wallabout LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);

2. Installed eight soil borings across the entire project Site, and collected thirteen soil samples for chemical analysis from the soil borings to evaluate soil quality;

3. Installed three groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality;

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4. Installed six soil vapor probes around Site and collected six soil gas samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property is approximately 14 feet.
2. Depth to groundwater ranges from 6.5 to 7.5 feet at the Site.
3. Groundwater flow is generally from south to north beneath the Site.
4. The stratigraphy of the site, from the surface down, consists of 8 feet of historic fill material underlain by clay.
5. Soil samples collected during the RI contained no detectable PCBs. For other compound/element classes, limited exceedence of Track 1 Unrestricted Use (Track 1) Soil Cleanup Objectives (SCOs) and Restricted Residential SCOs were observed. One VOC exceeded Track 1 SCOs in soil (acetone) and was found at similar concentrations moderately above SCOs (100-325 ppb) in almost all samples. Three other VOCs were observed at very low or trace concentrations and below Track 1 SCOs. No PCE, TCE or other chlorinated hydrocarbons were detected in soil samples. Eight SVOC compounds or fewer were identified above Track 1 SCOs in four of ten soil samples analyzed. All of these SVOCs were PAH compounds and several were also observed above Restricted Residential SCOs. Pesticides including 4,4-DDT and its degradation products, and dieldrin were identified above Track 1 SCOs in three and two shallow soil samples, respectively. Most heavy metals were either not detected or identified at concentrations below Track 1 SCOs. Arsenic was observed above Track 1 and at the Restricted Residential SCO in one sample. Lead and mercury were observed above Track 1 in most soil samples (9 and 10 of 13 samples, respectively) and above Restricted Residential SCOs in 2 and 7 of these samples, respectively. Three shallow samples showed mercury above 3 ppm, including detections of 21 ppm (B-1), 4.6 ppm (B-2), and 4.2 ppm (B-5). With the exception of one soil sample (B-5; 1190 ppm) all lead detections were below 750 ppm. Other metals that exceeded Track 1 SCOs but were below Restricted Residential SCOs included copper, zinc and chromium. Overall, soil testing showed

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results that are consistent with observations for other historical fill sites in Brooklyn and did not reveal any contaminant source areas on this property. These findings are consistent with past uses of the property which did not include any industrial or environmentally significant usage. Elevated mercury in at least one sample will have to be addressed in the remedial action phase of this program.

6. Groundwater samples collected during the RI did not detect any pesticides, PCBs, SVOCs or metals above 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). One VOC, MTBE was detected in one groundwater sample at 12.5 ppb and slightly above the GQS of 10 ppb. TCE and dichlorofluoromethane were detected at very low concentrations below (4 ppb) and below GQS. No other VOCs were detected on this property. 4,4-DDT was detected in trace concentrations and well below the GQS. No other pesticides or PCBs were detected. These findings are consistent with findings for soil and do not suggest any onsite contaminant source areas. No petroleum hydrocarbons or chlorinated hydrocarbons were detected in onsite soil or were suspected for use or disposal onsite based on analysis of the past usage of the property, and the MTBE and TCE is attributed to offsite contaminant sources.

7. Soil vapor samples collected during the RI showed a wide range of petroleum hydrocarbons and chlorinated hydrocarbons in all samples. PCE and TCE ranged from 65-720 ug/m3 and 2-42 ug/m3, respectively. These values are significant and, at a minimum, fall in the monitor range based on NYS DOH guidance. Other compounds observed in highest concentrations include Freon 12 which was detected at 13,000 ug/m3. No other compound was detected above 450 ug/m3 on this property. With the exception of acetone, none of these compounds were found in soil on this property and past use of the property cannot explain these findings in soil vapor.

8.

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REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Satmar Wallabout development has enrolled in the New York City Brownfield Cleanup Program (NYC BCP) to investigate and remediate a 0.16-acre site located at 242 Wallabout Street in Williamsburg section of Brooklyn, New York. A mixed community-residential use is proposed for the property. The RI work was performed between August 15 and October 24, 2011. 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 242 Wallabout Street in the Williamsburg section of Brooklyn, New York and is identified as Block 2264, Lots 7, 8 and 9 on the New York City Tax Map. **Figure 1** shows the Site location. The three adjacent lots are located on the south side of Wallabout Street, between Lee Avenue and Marcy Avenue. Access to the property is provided by a gate in an 8-foot high chain link fence along Wallabout Street. A 4-foot high chain link fence is present at the rear of the Site to separate it from the rear yards of the apartment buildings to the south. The site consisted of a soil/grass cover and several 5 to 10 cubic yard low mounds of soil/fill material near the rear corners. The combined area of the three lots is 6,983-square feet and is bounded by Wallabout Street to the north, new multi-family residential buildings to the south and east, and mixed use commercial-residential buildings to the west. A map of the site boundary is shown in **Figure 2**. The lots are currently vacant land and have been so since 1981.

The elevation of the Site is approximately 11 feet above the National Geodetic Vertical Datum (NGVD). The topography in the immediate area of the property generally slopes downward to the east from the west.

The depth to groundwater beneath the Site, as determined from field measurements, is approximately 8 feet below grade. Based on regional groundwater contour maps, groundwater flows to be northwest toward the East River and Brooklyn Naval Yard.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of the construction of a new 7-story mixed use community/residential building with a full depth (9-foot) basement. The proposed plan includes public ceremonial baths (Mikvah) and storage on the basement level, prayer rooms on the ground/first floor, a main Synagogue on the second floor and residential apartments (2 units per floor) on floors 3 through 7.

The layout of the proposed site development is presented in **Figure 3**. The current zoning designation is R7-1 Residential. The proposed use is consistent with existing zoning for the property.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

Surrounding land use is as follows:.

Direction	Property Description
North – Opposite side of Wallabout Street	Block 2224, Lot 7501 (163 to 171 Wallabout Street) – Developed with a new building utilized by Congregation Divrei Yoel. The new building was constructed after 2005.
South – Adjacent properties	Block 2264, Lots 7509 and 7508 (543 to 547 Flushing Avenue) – Each lot is developed with a seven story apartment building consisting of 14 units each. Both buildings were constructed in 2001.
West – Adjacent properties	Block 2264, Lots 1, 7505, 3, 4, 5 and 6 (265 to 279 Flushing Avenue) – Each thin lot is developed with a four story residential building, some with first floor commercial space. Each building was constructed prior to 1931. Lot 1 is developed with a new 7-story residential building, built in 2004.
East – Adjacent properties	Block 2264, Lot 7507 (248 Wallabout Street) – Developed with an eight story apartment building consisting of 28 residential units. The building was constructed in 2001.

Figure 4 shows the surrounding land usage.

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2.0 SITE HISTORY

2.1 PAST USES AND OWNERSHIP

Historical information (DOB records, Sanborn Maps and City Directory listings) reviewed for the subject site identified the subject site as being undeveloped until approximately 1904 when each of the three lots were each developed with a 3-story dwelling with limited first floor commercial space. In 1981, all three residential buildings on the subject site were demolished and the site has been left undeveloped since.

All adjacent properties have been used for residential purposes with the exception of several stores located on the first floor of residential buildings fronting Lee Avenue, and a lumber yard and empty lot parking area located to the southeast.

2.2 PREVIOUS INVESTIGATIONS

A Phase I Environmental Site Assessment (ESA) was completed by Environmental Business Consultants, in August of 2011 for the site.

The Phase I ESA Report indicated that based upon the historical information reviewed for the subject site each of the three lots of the subject site were vacant lots until approximately 1904 when each of lot was developed with a separate 3-story dwelling. One of the dwellings also had two small first floor stores. The residential buildings remained in place until 1981, when all three buildings were demolished. Each of the three lots has remained vacant since the buildings were demolished.

EBC concluded that based upon reconnaissance of the subject and surrounding properties, interviews and review of historical records and regulatory agency databases, there were no recognized environmental conditions associated with the subject property. EBC did noted that an E designation (E-102) for Underground Storage Tank Testing Protocol (Hazmat-E) was assigned to the site as a part of the Flushing/Bedford rezoning enacted in May of 2001 (CEQR No. 00DCP015K).

2.3 SITE INSPECTION

Mr. Charles Sosik of EBC performed the site inspection on Wednesday, August 3, 2011, beginning at approximately 3:00 pm. The reconnaissance included a visual inspection of the undeveloped/vacant lots comprising the subject site, the sidewalk immediately in front of the subject site lots, the grounds of the adjacent lots, and the exterior of adjacent properties.

At the time of the inspection, all three adjacent lots were vacant. An 8 foot high chain link fence spanned the front of the lots along Wallabout Street. The ground cover consisted of a gravel/soil mixture and was heavily overgrown with weeds. A single portable toilet service truck was parked on the lot, but no other material, vehicles, or equipment were stored on the lot. Several small, low piles of urban fill were noted.

2.4 AREAS OF CONCERN

. The AOCs identified for this site include:

1. historic fill to depths of approximately 8 feet below surface grade.

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3.0 PROJECT MANAGEMENT

3.1 PROJECT ORGANIZATION

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

3.2 HEALTH AND SAFETY

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

3.3 MATERIALS MANAGEMENT

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

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4.0 REMEDIAL INVESTIGATION ACTIVITIES

Satmar-Wallabout LLC performed the following scope of work:

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

4.1 GEOPHYSICAL INVESTIGATION

Based on the results of the Phase I and Site inspection, a geophysical investigation was not recommended and was not included as part of this RIR.

4.2 BORINGS AND MONITORING WELLS

Drilling and Soil Logging

A total of eight soil borings (B1-B8) were performed in the approximate locations shown on **Figure 5**. The locations for borings B1-B5 were chosen to gain representative soil quality information across the site. Borings B6-B9 were supplemental borings installed to obtain additional information on the concentration of mercury at the 10-12 ft interval at specific locations.

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

evidence of contamination. No PID readings above background concentrations were obtained from any the of soil borings.

Two soil samples were retained from soil borings B1-B5 representing the interval 0 to 2 foot and 10 to 12 foot below grade intervals. In addition, samples were retained from the 10 to 12 foot interval from locations B6-B8.

Boring logs, prepared by an experienced geologist are attached in **Appendix A**. A map showing the location of soil borings and monitor wells is shown in **Figure 5**.

Groundwater Monitoring Well Construction

A temporary 1-inch diameter pvc well with 10 feet of 0.010 slot screen was installed at borings B1, B2, and B3, and set to intersect the water table. Since groundwater was encountered at approximately 38 feet below grade, monitoring wells were installed to a depth of 45 feet. Monitor well locations are shown in **Figure 5**.

Surveying

The relative casing elevation of each of the wells was surveyed to the nearest 0.010 foot using a Topcon A-6 site level. The horizontal position of the borings and wells was located to the nearest 0.10 foot by obtaining measurements from the property lines or other permanent Site feature.

Water Level Measurement

Following completion the depth to groundwater was measured in each of the monitoring wells to the nearest 0.010 ft using an electronic water level meter. Water level and survey data are 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

Thirteen soil samples were collected for chemical analysis during this RI. Information on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Tables 2-5**.

All soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to Analytical Laboratory Services, Inc. All shallow (0-2 ft) and deep (10-12 ft) soil samples from locations B1-B5 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. The samples retained from the supplemental borings B6-B8 (10-12 ft) were submitted for analysis of mercury only.

Groundwater Sampling

Three groundwater samples were collected for chemical analysis during this RI. A groundwater sample was collected from three of the five soil boring locations. A groundwater sample was collected from each temporary well location utilizing disposable polyethylene tubing and a peristaltic pump.

All groundwater samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to Analytical Laboratory Services, Inc. The groundwater samples were analyzed for the presence of VOCs by EPA Method 8260, SVOCs-BN by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and TAL dissolved metals.

Groundwater sample collection data is reported in **Tables 6 -9**. Sampling logs with information on purging and sampling of groundwater monitor wells is included in **Appendix B**. **Figure 5** shows the location of the groundwater samples.

Soil Vapor Sampling

Six soil vapor probes were installed and six soil vapor samples were collected for chemical analysis during this RI. The soil gas sampling locations were selected to be representative of conditions across the subject property.

The soil vapor implants were installed on August 15th and October 9th, 2011, using Geoprobe™ equipment. All of the implants were installed utilizing the same technique to minimize possible discrepancies. The vapor implants (Geoprobe™ Model AT86 series), were constructed of a 6-inch length of double woven stainless steel wire. At both sampling locations the vapor implants were installed to a depth of 7 feet below the surface and 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.

Prior to collecting the sample, one to three volumes (i.e., the volume of the sample probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the six vapor implants. Sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (**Appendix C**). Samples were submitted to Analytical Laboratory Services, Inc. for laboratory analysis of VOCs EPA Method TO-15.

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 **Appendix C**. Methodologies used

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

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 ALS Analytical Laboratories and York Analytical Laboratories
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were ALS Analytical Laboratories and York Analytical 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 T**ables 2-10**, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Appendix D**.

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5.0 ENVIRONMENTAL EVALUATION

5.1 GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS

Stratigraphy

Subsurface soils at the site consist of urban fill (brick, wood, and stone in a brown silty-sand matrix) to approximately 8 feet below grade. A native dark grey clay is present immediately below the urban fill layer throughout the site.

Hydrogeology

Groundwater occurs at a depth of approximately 8 feet below grade, directly above the clay layer. The clay appears to be sufficiently competent to prevent groundwater movement within or through it.

A table of water level data for all monitor wells is included in Table 1. The average depth to groundwater is 7 feet and the range in depth is 6.42 to 7.85 feet A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in **Figure 6**. Groundwater flow is from south to north.

5.2 SOIL SAMPLING RESULTS

Soil sample results are summarized and compared to the NYSDEC Part 375.6 Track 1 Unrestricted Use Soil Cleanup Objectives (UUSCOs) in **Tables 2** through **5**, and a copy of the laboratory analytical report is included in **Appendix D**.

Soil samples collected during the RI contained no detectable PCBs. For other compound/element classes, limited exceedence Track 1 Unrestricted Use (Track 1) Soil Cleanup Objectives (SCOs) and Restricted Residential SCOs was observed. One VOC exceeded Track 1 SCOs in soil (acetone) and was found at similar concentrations moderately above SCOs (100-325 ppb) in almost all samples. Three other VOCs were observed at very low or trace concentrations and below Track 1 SCOs. No PCE, TCE or other chlorinated hydrocarbons were detected in soil samples. Eight SVOC compounds or fewer were identified above Track 1 SCOs in four of ten soil samples analyzed. All of these SVOCs were PAH compounds and several were also

observed above Restricted Residential SCOs. Pesticides including 4,4-DDT and its degradation products, and dieldrin were identified above Track 1 SCOs in three and two shallow soil samples, respectively. Most heavy metals were either not detected or identified at concentrations below Track 1 SCOs. Arsenic was observed above Track 1 and at the Restricted Residential SCO in one sample. Lead and mercury were observed above Track 1 in most soil samples (9 and 10 of 13 samples, respectively) and above Restricted Residential SCOs in 2 and 7 of these samples, respectively. Three shallow samples showed mercury above 3 ppm, including detections of 21 ppm (B-1), 4.6 ppm (B-2) and 4.2 ppm (B-5). With the exception of one soil sample (B-5; 1190 ppm) all lead detections were below 750 ppm. Other metals that exceeded Track 1 SCOs but were below Restricted Residential SCOs included copper, zinc and chromium. Overall, soil testing showed results that are consistent with observations for other historical fill sites in Brooklyn and did not reveal any contaminant source areas on this property. These findings are consistent with past uses of the property which did not include any industrial or environmentally significant usage. Elevated mercury in at least one sample will have to be addressed in the remedial action phase of this program.

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 2-5**. **Figure 7** posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 GROUNDWATER SAMPLING RESULTS

Groundwater sample results were compared to the water quality standards specified in NYSDEC Groundwater Quality Standards (GQSs). Analytical data for the groundwater samples are summarized in **Tables 6** through **9**, and a copy of the laboratory analytical report is included in **Appendix D.**

Groundwater samples collected during the RI did not detect any pesticides, PCBs, SVOCs or metals above 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). A low level detection of fluoranthene (2.2 µg/L) and pyrene (2.3 ug/L) was detected within groundwater

sample B2 but did not exceed GQS. One VOC, MTBE was detected in one groundwater sample at 12.5 ppb and slightly above the GQS of 10 ppb. TCE and dichlorofluoromethane were detected at very low concentrations below (4 ppb) and below GQS. No other VOCs were detected on this property. A low level detection of 4,4,4-DDT was reported in groundwater sample B2 (0.039 µg/L) and B3 (0.047 µg/L) and well below GWS. No other pesticides or PCBs were detected. These findings are consistent with findings for soil and do not suggest any onsite contaminant source areas. No petroleum hydrocarbons or chlorinated hydrocarbons were detected in onsite soil or were suspected for use or disposal onsite based on analysis of the past usage of the property, and the MTBE and TCE is attributed to offsite contaminant sources.

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 6-9**. Exceedence of applicable groundwater standards are shown on **Figure 8**.

5.4 SOIL VAPOR SAMPLING RESULTS

Soil gas sampling results are summarized on **Table 10.** A copy of the laboratory report is attached in **Appendix D.** The laboratory results note elevated concentrations of acetone in all four soil gas samples.

Soil vapor samples collected during the RI showed a wide range of petroleum hydrocarbons and chlorinated hydrocarbons in all samples. PCE and TCE ranged from 65-720 ug/m3 and 2-42 ug/m3, respectively. These values are significant and, at a minimum, fall in the monitor range based on NYS DOH guidance. Other compounds observed in highest concentrations include Freon 12 which was detected at 13,000 ug/m3. No other compound was detected above 450 ug/m3 on this property. With the exception of acetone, none of these compounds were found in soil on this property and past use of the property cannot explain these findings in soil vapor.

1808 Middle Country Road
Ridge, NY 11961
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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 10**.

5.5 HAZARDOUS WASTE DISPOSAL STATEMENT

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

5.6 IMPEDIMENTS TO REMEDIAL ACTION

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

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TABLES

Table 1
242 Wallabout Street, Brooklyn, New York
Soil Boring / Well Information

Boring/Well No.	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)	Casing Elevation (ft)	GW EL (ft)
B1	8/15/2011	12.00	2					
B2	8/15/2011	12.00	2					
B3	8/15/2011	12.00	2					
B4	8/15/2011	12.00	2					
B5	8/15/2011	12.00	2					
B6	10/9/2011	12.00	2					
B7	10/9/2011	12.00	2					
B8	10/9/2011	12.00	2					
B1 - Well	8/15/2011	15.00	1	pvc	10.00	6.42	95.76	89.34
B2 - Well	8/15/2011	15.00	1	pvc	10.00	7.85	98.10	90.25
B3 - Well	8/15/2011	15.00	1	pvc	10.00	6.8	96.26	89.46

TABLE 2
242 Wallabout 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(0-2') (µg/Kg)	B1(10-12') (µg/Kg)	B2(0-2') (µg/Kg)	B2(10-12') (µg/Kg)	B3(0-2') (µg/Kg)	B3(10-12') (µg/Kg)	B4(0-2') (µg/Kg)	B4(10-12') (µg/Kg)	B5(0-2') (µg/Kg)	B5(10-12') (µg/Kg)
Acetone	50	100,000	**24.3**	**197**	**119**	**309**	**79.1**	**326**	**183**	**282**	**132**	**128**
Benzene	60	4,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone		100,000	ND	**36.8**	ND	**65.6**	ND	**58.4**	ND	**59.2**	ND	ND
n-Butylbenzene	12,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide			ND	ND	**6.4**	**3.5**	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	760	2,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	370	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Chlorotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Chlorotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1,100	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2,400	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	270	26,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	20	3,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	330	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	250	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	190	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	41,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene			**1.8**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether (MTBE)	930	100,000	ND	ND	ND	**8.5**	ND	ND	ND	ND	ND	ND
4-Methyl-2- Pentanone(MIBK)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	100,000	ND	ND	ND	ND	**3.6**	**24.3**	**4.3**	**15.4**	ND	**10**
Naphthalene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3,900	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes		100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	470	21,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane (Freon 11)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	20	900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	260		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	260		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total BTEX Concentration			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Total VOCs Concentration			**24.3**	**233.8**	**125.4**	**378.1**	**79.1**	**384.4**	**183.0**	**341.2**	**132.0**	**128.0**

Notes:

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

ND - Not-detected

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

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

TABLE 3
242 Wallabout 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(0-2') (µg/Kg)	B1(10-12') (µg/Kg)	B2(0-2') (µg/Kg)	B2(10-12') (µg/Kg)	B3(0-2') (µg/Kg)	B3(10-12') (µg/Kg)	B4(0-2') (µg/Kg)	B4(10-12') (µg/Kg)	B5(0-2') (µg/Kg)	B5(10-12') (µg/Kg)
Acenaphthene	20,000	100,000	152	ND	82.5	88.7	ND	92.4	ND	ND	738	ND
Acenaphthylene	100,000	100,000	ND	ND	ND	ND	ND	85.8	ND	ND	713	ND
Anthracene	100,000	100,000	346	ND	234	186	ND	350	1,320	ND	2,320	ND
Benzo(a)anthracene	1,000	1,000	1,150	94.3	792	695	191	1,520	4,420	96.6	8,740	ND
Benzo(a)pyrene	1,000	1,000	1,090	89.7	751	687	199	1,610	4,260	87.6	9,070	ND
Benzo(b)fluoranthene	1,000	1,000	930	79.7	674	726	163	1,570	4,260	90.5	9,810	ND
Benzo(g,h,i)perylene	100,000	100,000	495	ND	310	173	66.7	377	1,340	ND	2,840	ND
Benzo(k)fluoranthene	800	3,900	952	98.9	719	748	198	1,910	4,610	99.2	8,940	ND
4-Bromophenyl-phenylether			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate			ND	ND	ND	ND	ND	ND	8,260	ND	ND	ND
Carbazole			118	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	1,000	3,900	1,180	105	811	774	208	1,690	4,470	116	9,640	ND
Di-n-Butylphthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-Octylphthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	330	330	195	ND	120	80.9	ND	176	ND	ND	1,020	ND
Dibenzofuran			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate			ND	ND	ND	ND	ND	ND	1,240	ND	ND	ND
Fluoranthene	100,000	100,000	2,450	187	1,710	1,540	452	3,260	9,700	203	24,200	ND
Fluorene	30,000	100,000	141	ND	91.2	98.7	ND	138	ND	ND	1,150	ND
Hexachlorobenzene		1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	500	500	495	ND	310	191	69.8	437	1,310	ND	2,870	ND
Isophorone			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	100,000	ND	ND	71	98.1	ND	79	ND	ND	ND	ND
2-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100,000	100,000	1,840	147	1,080	892	283	1,530	6,480	145	15,500	ND
Pyrene	100,000	100,000	2,500	178	1,620	1,320	393	2,710	8,850	165	21,400	ND

Notes:

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

ND - Not-detected

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

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

TABLE 4
242 Wallabout 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(0-2') (µg/Kg)	B1(10-12') (µg/Kg)	B2(0-2') (µg/Kg)	B2(10-12') (µg/Kg)	B3(0-2') (µg/Kg)	B3(10-12') (µg/Kg)	B4(0-2') (µg/Kg)	B4(10-12') (µg/Kg)	B5(0-2') (µg/Kg)	B5(10-12') (µg/Kg)
4,4-DDD	3.3	13,000	ND	ND	ND	ND	ND	ND	**37.6**	ND	**21.1**	ND
4,4-DDE	3.3	8,900	ND	ND	ND	ND	ND	ND	**93.5**	ND	**84.1**	ND
4,4-DDT	3.3	7,900	ND	ND	**22**	ND	ND	ND	**120**	ND	**341**	ND
Aldrin	5	97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	20	480	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Chlordane	94	4,200	ND	ND	ND	ND	ND	ND	**20.2**	ND	**24.4**	ND
PCB-1016	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	1,000	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	36	360	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	40	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	5	200	ND	ND	ND	ND	ND	ND	**55.1**	ND	**51.2**	ND
Endosulfan I	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	14	11,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma Chlordane	94		ND	ND	ND	ND	ND	ND	**20.4**	ND	**40.9**	ND
Heptachlor	42	2,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mirex			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

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

ND - Not-detected

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

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

TABLE 5
242 Wallabout 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(0-2') mg/Kg	B1(10-12') mg/Kg	B2(0-2') mg/Kg	B2(10-12') mg/Kg	B3(0-2') mg/Kg	B3(10-12') mg/Kg	B4(0-2') mg/Kg	B4(10-12') mg/Kg	B5(0-2') mg/Kg	B5(10-12') mg/Kg	B6(10-12') mg/Kg	B7(10-12') mg/Kg	B8(10-12') mg/Kg
Aluminum			**7,860**	**11,500**	**9,510**	**11,300**	**6,340**	**20,200**	**9,390**	**20,200**	**6,230**	**14,900**	NA	NA	NA
Antimony			**2.7**	**2.8**	ND	ND	ND	**6.8**	**3.5**	ND	**4.6**	ND	NA	NA	NA
Arsenic	13c	16	**4.1**	**13**	**4.5**	**7.8**	**4.2**	**16.7**	**5.1**	**4.9**	**8.9**	ND	NA	NA	NA
Barium	350c	400	**96.5**	**174**	**118**	**148**	**202**	**225**	**316**	**150**	**1,090**	**87.3**	NA	NA	NA
Beryllium	7.2	72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Cadmium	2.5c	4.3	ND	ND	ND	ND	ND	**1.1**	**1.7**	ND	**1.6**	ND	NA	NA	NA
Calcium			**6,700**	**9,390**	**20,400**	**4,560**	**1,850**	**9,260**	**11,900**	**7,180**	**30,800**	**3,260**	NA	NA	NA
Chromium	30c		**16.7**	**74.2**	**23.7**	**40.1**	**14.3**	**106**	**18.7**	**29.8**	**28.4**	**14.7**	NA	NA	NA
Cobalt			**5.5**	**6.7**	**5.7**	**6.7**	**5.4**	**9.7**	**6.4**	**5.3**	**6**	**2.7**	NA	NA	NA
Copper	50	270	**25.5**	**141**	**59.1**	**59.5**	**46.3**	**167**	**50**	**40**	**71.6**	**5.9**	NA	NA	NA
Iron			**15,300**	**18,400**	**17,400**	**20,400**	**14,200**	**26,700**	**16,000**	**15,300**	**21,100**	**6,070**	NA	NA	NA
Lead	63c	400	**162**	**327**	**194**	**263**	**413**	**446**	**743**	**97.5**	**1,190**	**15.2**	NA	NA	NA
Magnesium			**2,870**	**2,480**	**2,340**	**2,570**	**2,120**	**3,800**	**4,190**	**2,260**	**5,900**	**1,210**	NA	NA	NA
Manganese	1600c	2,000	**201**	**352**	**282**	**346**	**239**	**505**	**317**	**171**	**302**	**71.6**	NA	NA	NA
Mercury	0.18c	0.81	**0.77**	**21.5**	**2.8**	**4.6**	**0.41**	**1.0**	**0.6**	**4.2**	**1.3**	ND	ND	ND	**2.49**
Nickel	30	310	**12.5**	**17.8**	**16.8**	**17.9**	**20.5**	**26.1**	**16.2**	**15.3**	**18.2**	**8.1**	NA	NA	NA
Potassium			**757**	**1,160**	**1,140**	**1,170**	**745**	**1,860**	**1,220**	**1,340**	**1,090**	**1190**	NA	NA	NA
Sodium	3.9c	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Silver	2	180	ND	**0.71**	ND	ND	ND	**1.1**	ND	ND	ND	ND	NA	NA	NA
Sodium			**104**	**132**	**98.5**	**170**	**51**	**231**	**177**	**136**	**116**	ND	NA	NA	NA
Thallium			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Vanadium			**22.9**	**25.2**	**27**	**27**	**24.3**	**38.9**	**26.1**	**24.1**	**54.6**	**14.7**	NA	NA	NA
Zinc	109c	10,000	**93.8**	**385**	**151**	**183**	**234**	**481**	**458**	**102**	**811**	**24.3**	NA	NA	NA

Notes:

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

ND - Not-detected

NA - Not tested for indicated metal

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

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

TABLE 6
242 Wallabout Street, Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Volatile Organic Compounds	NYSDEC Groundwater Quality Standards (µg/L)	Sample ID		
		B1 (µg/L)	B2 (µg/L)	B5 (µg/L)
1,1,1,2-Tetrachloroethane	5	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	ND
1,2-Dibromoethane	0.0006	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND
2-Butanone (Methyl Ethyl Ketone)	50	ND	ND	ND
2-Hexanone (Methyl Butyl Ketone)	50	ND	ND	ND
4-Methyl-2-Pentanone (MIBK)	-	ND	ND	ND
Acetone	50	ND	ND	ND
Benzene	1	ND	ND	ND
Bromochloromethane	5	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND
Bromoform	50	ND	ND	ND
Bromomethane	5	ND	ND	ND
Carbon Disulfide	-	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND
Chlorobenzene	5	ND	ND	ND
Chloroethane	5	ND	ND	ND
Chloroform	7	ND	ND	ND
Chloromethane	5	ND	ND	ND
cis-1,2-Dichlorethyelene	5	ND	ND	ND
cis-1,3-Dichloropropylene	0.4	ND	ND	ND
Dibromochloromethane	50	ND	ND	ND
Dichlorodifluoromethane		ND	**2.7**	ND
Ethyl Benzene	5	ND	ND	ND
Methylene Chloride	5	ND	ND	ND
Methyl t-Butyl Ether	10	ND	**12.6**	ND
o-Xylene	5	ND	ND	ND
p- & m- Xylenes	5	ND	ND	ND
Styrene	5	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND
Toluene	5	ND	ND	ND
trans-1,2-Dichloroethylene	5	ND	ND	ND
trans-1,3-Dichloropropylene	0.4	ND	ND	ND
Trichloroethylene	5	**3.3**	ND	ND
Vinyl Chloride	2	ND	ND	ND

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

TABLE 7
242 Wallabout Street, Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Semi-Volatile Organic Compounds	NYSDEC Groundwater Quality Standards (µg/L)	Sample ID		
		B1 (µg/L)	B2 (µg/L)	B5 (µg/L)
1,2,4-Trichlorobenzene	5	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	B5
1,2-Diphenylhydrazine		ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND
2,4-Dinitrotoluene	5	ND	ND	ND
2,6-Dinitrotoluene	5	ND	ND	ND
2-Chloronaphthalene	10	ND	ND	ND
2-Methylnapththalene	-	ND	ND	ND
2-Nitroaniline	5	ND	ND	ND
3,3-Dichlorobenzidine	5	ND	ND	ND
3-Nitroaniline	5	ND	ND	ND
4-Bromophenyl phenyl ether	-	ND	ND	ND
4-Chloroaniline	5	ND	ND	ND
4-Chlorophenyl phenyl ether	-	ND	ND	ND
4-Nitroaniline	5	ND	ND	ND
Acenaphthene	5	ND	ND	ND
Acenaphthylene	-	ND	ND	ND
Anthracene	50	ND	ND	ND
Benzidine	5	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND
Benzo(g,h,i)perylene	-	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND
Benzyl alcohol		ND	ND	ND
bis(2-Chlorethoxy)methane	5	ND	ND	ND
bis(2-Chloroethyl)ether	1	ND	ND	ND
bis(2-chloroisopropyl)ether		ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	ND	ND	ND
Butylbenzylphthalate	50	ND	ND	ND
Carbazole	-	ND	ND	ND
Chrysene	0.002	ND	ND	ND
Dibenzo(a,h)anthracene	-	ND	ND	ND
Dibenzofuran	-	ND	ND	ND
Diethylphthalate	50	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND
Di-n-butylphthalate	50	ND	ND	ND
Di-n-octyl phthalate	50	ND	ND	ND
Fluoranthene	50	ND	**2.2**	ND
Fluorene	50	ND	ND	ND
Hexachlorobenzene	0.04	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND
Hexachlorocyclopentadiene	5	ND	ND	ND
Hexachloroethane	5	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND
Isophorone	50	ND	ND	ND
Naphthalene	10	ND	ND	ND
Nitrobenzene	0.4	ND	ND	ND
N-Nitrosodimethylamine		ND	ND	ND
N-Nitroso-di-n-propylamine	-	ND	ND	ND
N-Nitrosodiphenylamine	50	ND	ND	ND
Phenanthrene	50	ND	ND	ND
Pyrene	50	ND	**2.3**	ND

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

TABLE 8
242 Wallabout Street, Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

PESTICIDES PCBS	NYSDEC GROUNDWATER QUALITY STANDARDS (µg/L)	Sample ID		
		B1 (µg/L)	B2 (µg/L)	B5 (µg/L)
4,4-DDD	**0.3**	ND	ND	ND
4,4-DDE	**0.2**	ND	ND	ND
4,4-DDT	**0.2**	ND	**0.039**	**0.047**
Aldrin	**ND**	ND	ND	ND
alpha-BHC	**0.01**	ND	ND	ND
beta-BHC	**0.04**	ND	ND	ND
alpha-Chlordane	**0.05**	ND	ND	ND
delta-BHC	**0.04**	ND	ND	ND
Dieldrin	**0.004**	ND	ND	ND
Endosulfan I		ND	ND	ND
Endosulfan II		ND	ND	ND
Endosulfan Sulfate		ND	ND	ND
Endrin	**ND**	ND	ND	ND
Endrin aldehyde	**5**	ND	ND	ND
Endrin Ketone		ND	ND	ND
gamma-BHC	**0.05**	ND	ND	ND
gamma-Chlordane	**0.05**	ND	ND	ND
Heptachlor	**0.04**	ND	ND	ND
Heptachlor epoxide	**0.03**	ND	ND	ND
Methoxychlor	**35**	ND	ND	ND
Toxaphene		ND	ND	ND
Total PCBs		ND	ND	ND
Aroclor-1016	**0.09**	ND	ND	ND
Aroclor-1221	**0.09**	ND	ND	ND
Aroclor-1232	**0.09**	ND	ND	ND
Aroclor-1242	**0.09**	ND	ND	ND
Aroclor-1248	**0.09**	ND	ND	ND
Aroclor-1254	**0.09**	ND	ND	ND
Aroclor-1260	**0.09**	ND	ND	ND

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

Table 9
242 Wallabout Street, Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

METALS	NYSDEC GROUNDWATER QUALITY STANDARDS (µg/L)	Sample ID		
		B1 (µg/L)	B2 (µg/L)	B5 (µg/L)
Aluminum	**NS**	ND	ND	ND
Antimony	**3**	ND	ND	ND
Arsenic	**25**	ND	**8.3**	ND
Barium	**1000**	**60**	**37**	**52**
Beryllium	**3**	ND	ND	ND
Cadmium	**5**	ND	ND	ND
Calcium	**NS**	**495,000**	**326,000**	**436,000**
Chromium	**50**	ND	ND	ND
Cobalt	**NS**	ND	**12**	ND
Copper	**200**	ND	ND	ND
Iron	**500**	**1,000**	**2,100**	ND
Lead	**25**	ND	**8**	**6.3**
Magnesium	**35000**	**27,000**	**26,700**	**14,800**
Manganese	**300**	**560**	**1,700**	**320**
Mercury	**0.7**	ND	ND	ND
Nickel	**100**	ND	ND	ND
Potassium	**NS**	**13,200**	**12,100**	**10,000**
Selenium	**10**	ND	ND	**28**
Silver	**50**	ND	ND	ND
Sodium	**2000**	**13,000**	**13,800**	**14,100**
Thallium	**0.5**	ND	ND	ND
Vanadium	**NS**	ND	ND	ND
Zinc	**2000**	**160**	**550**	**270**

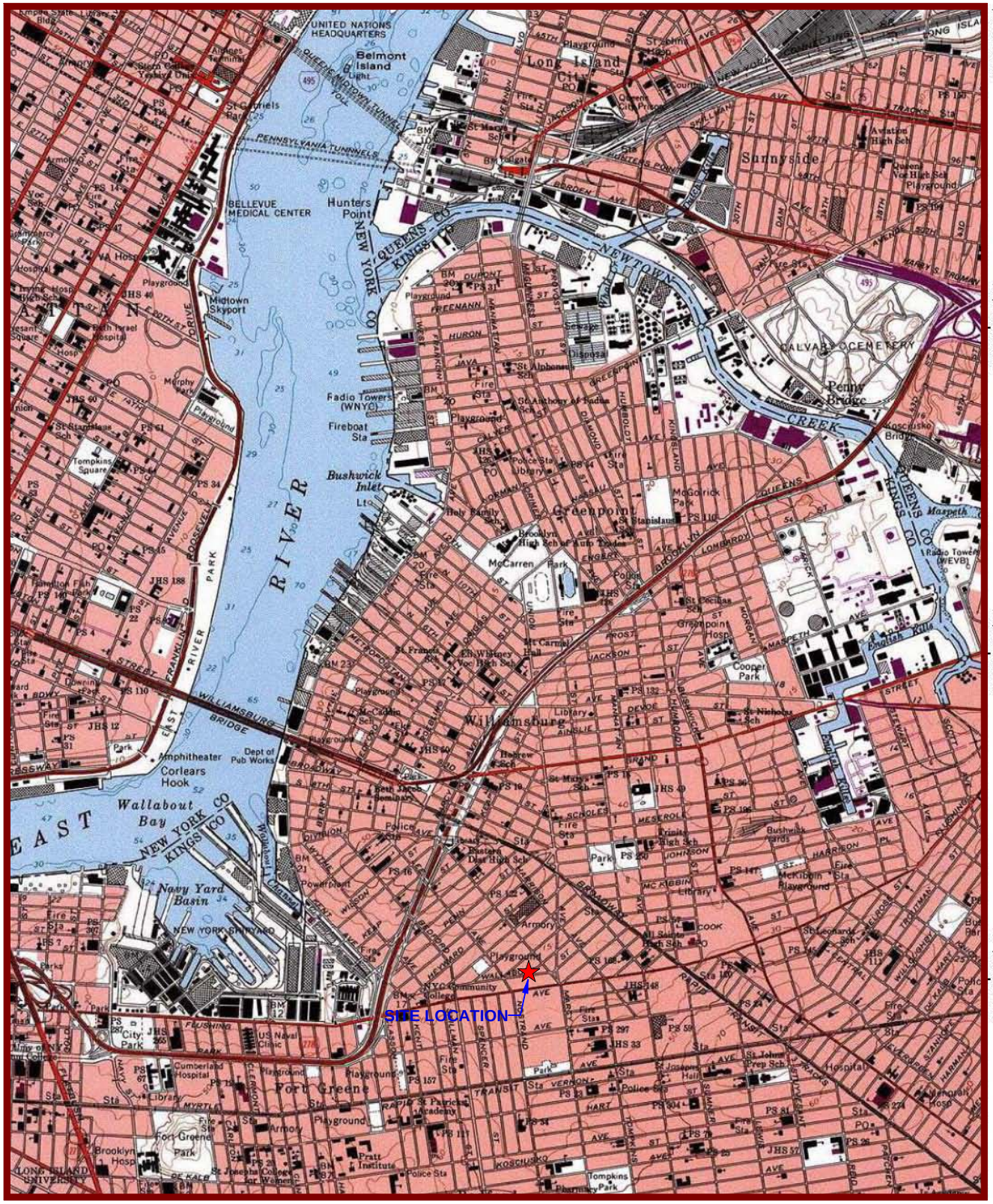
Notes:
ND - ND
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standar

TABLE 10
242 Wallabout Street Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS ANALYZED BY CHEMTECH	NYSDOH Maximum Subslab Levels	NYSDOH Soil Outdoor Background Levels	NYSDOH Air Guidance Value	SG-1	SG-2	SG-3	SG-4	PSG-5	PSG-6
	(µg/m^3) [b]	(µg/m^3) [a]	(µg/m^3) [c]	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)	(µg/m^3)
1,1,1-Trichloroethane	1,000	<2.0 - 2.8		**1.3**	< 0.83	**2.4**	**6.7**	**5.4**	**5.2**
1,1,2,2-Tetrachloroethane		<1.5		< 1.0	< 1.0	< 1.0	< 1.0	ND	ND
1,1,2-Trichloroethane		<1.0		< 0.83	< 0.83	< 0.83	< 0.83	ND	ND
1,1-Dichloroethane		<1.0		< 0.62	< 0.62	< 0.62	**0.86**	ND	ND
1,1-Dichloroethene		<1.0		< 0.60	< 0.60	< 0.60	< 0.60	ND	ND
1,2,4-Trichlorobenzene		NA		< 1.1	< 1.1	< 1.1	< 1.1	ND	ND
1,2,4-Trimethylbenzene		<1.0		**20**	**23**	**12**	**43**	**6.5**	**6.2**
1,2-Dibromoethane		<1.5		< 1.2	< 1.2	< 1.2	< 1.2	ND	ND
1,2-Dichlorobenzene		<2.0		< 0.92	< 0.92	< 0.92	< 0.92	ND	ND
1,2-Dichloroethane		<1.0		< 0.62	< 0.62	< 0.62	< 0.62	ND	ND
1,2-Dichloropropane		<1.0		< 0.70	< 0.70	< 0.70	< 0.70	ND	ND
1,3,5-Trimethylbenzene		<1.0		**3.2**	**3.6**	**3.8**	**3.3**	**3.7**	**3.6**
1,3-Butadiene		NA		< 0.34	< 0.34	< 0.34	< 0.34	ND	ND
1,3-Dichlorobenzene		<2.0		< 0.92	< 0.92	**11**	**6.4**	ND	ND
1,4-Dichlorobenzene		NA		< 0.92	< 0.92	< 0.92	< 0.92	ND	ND
1,4-Dioxane				**1.1**	< 1.1	< 1.1	< 1.1	ND	ND
2,2,4-Trimethylpentane		NA		**0.76**	< 0.71	< 0.71	< 0.71	ND	ND
4-Ethyltoluene		NA		**2.6**	**3.3**	**3.2**	**3.2**	**9.7**	**9.8**
Acetone		NA		**96**	**350**	**300**	**310**	**24**	**22**
Allyl Chloride				< 0.48	< 0.48	< 0.48	< 0.48	ND	ND
Benzene		<1.6 - 4.7		**1.5**	< 3.8	**4.8**	**0.78**	ND	ND
Benzyl Chloride		NA		< 0.88	< 0.88	< 0.88	< 0.88	ND	ND
Bromodichloromethane		<5.0		< 1.0	< 1.0	< 1.0	< 1.0	ND	ND
Bromoform		<1.0		< 1.6	< 1.6	< 1.6	< 1.6	ND	ND
Bromomethane		<1.0		< 0.59	< 0.59	< 0.59	< 0.59	ND	ND
Carbon Disulfide		NA		**2.6**	< 0.47	**2.9**	< 0.51	ND	ND
Carbon Tetrachloride	250	<3.1		< 0.96	< 0.96	< 0.96	< 0.96	ND	ND
Chlorobenzene		<2.0		< 0.70	< 0.70	< 0.70	< 0.84	ND	ND
Chloroethane		NA		< 0.40	< 0.40	< 0.40	< 0.40	ND	ND
Chloroform		<2.4		**9.5**	< 0.74	**4.0**	**350**	ND	ND
Chloromethane		<1.0 - 1.4		< 0.31	< 0.31	< 0.31	< 0.31	**1.4**	**1.2**
cis-1,2-Dichloroethene		<1.0		**0.64**	< 0.60	< 0.60	< 0.60	ND	ND
cis-1,3-Dichloropropene		NA		< 0.69	< 0.69	< 0.69	< 0.69	ND	ND
Cyclohexane		NA		**1.4**	< 0.52	< 0.52	< 0.52	ND	ND
Dibromochloromethane		<5.0		< 1.3	< 1.3	< 1.3	< 1.3	ND	ND
Ethyl Acetate		NA		< 0.92	< 0.92	**0.59**	< 0.92	ND	ND
Ethylbenzene		<4.3		**6.8**	**15**	**13**	**5.5**	**2.8**	**2.4**
Freon 11				**2.7**	**17**	< 0.86	**11**	**73**	**66**
Freon 113		NA		< 1.2	< 1.2	< 1.2	< 1.2	ND	ND
Freon 114		NA		< 1.1	< 1.1	< 1.1	< 1.1	ND	ND
Freon 12				**290**	**13,000**	**1,400**	**4,000**	**3.8**	**3.3**
Heptane		NA		**3.4**	< 0.62	**530**	< 0.62	ND	ND
Hexachloro-1,3-butadiene		NA		< 1.6	< 1.6	< 1.6	< 1.6	ND	ND
Hexane		<1.5		< 0.54	< 0.54	**430**	< 0.54	**4.6**	**4.1**
Isopropyl Alcohol		NA		< 0.37	< 0.37	**1.8**	< 0.37	ND	ND
Xylene (m&p)		<4.3		**30**	**53**	**45**	**34**	**8.4**	**7.9**
Methyl Butyl Ketone				< 1.2	< 1.2	< 1.2	< 1.2	ND	ND
Methyl Ethyl Ketone (2-Butanone)				**5.1**	**73**	< 0.90	**16**	**3.2**	**2.9**
Methyl Isobutyl Ketone				< 1.2	< 1.2	< 1.2	< 1.2	ND	ND
MTBE		NA		< 0.55	< 0.55	< 0.55	**0.55**	ND	ND
Methylene Chloride		<3.4	60	**4.8**	**3.5**	**8.8**	< 0.67	**18**	ND
Xylene (o)		<4.3		**8.3**	**15**	**12**	**7.20**	**2.6**	**2.4**
Propylene		NA		< 0.26	< 0.26	< 0.26	< 0.26	ND	ND
Styrene		<1.0		**1.3**	< 0.65	< 0.65	**1.20**	ND	ND
Tetrachloroethylene	1,000		100	**65**	**83**	**76**	**720**	ND	ND
Tetrahydrofuran		NA		< 0.45	< 0.45	< 0.45	< 0.45	ND	ND
Toluene		1.0 - 6.1		**70**	**77**	**300**	**52**	**4**	**3.6**
trans-1,2-Dichloroethene		NA		< 0.60	< 0.60	< 0.60	< 0.60	ND	ND
trans-1,3-Dichloropropene		NA		< 0.69	< 0.69	< 0.69	< 0.69	ND	ND
Trichloroethylene	250	<1.7	5	**2.5**	**2.5**	**2.3**	**42**	ND	**1.1**
Vinyl Acetate		NA		< 0.54	< 0.54	< 0.54	< 0.54	ND	ND
Vinyl Bromide				< 0.67	< 0.67	< 0.67	0.67	ND	ND
Vinyl Chloride		<1.0		< 0.39	< 0.39	< 0.39	< 0.39	ND	ND
*Total PVOCs**				134	190	391	142	28	34
*Total CVOCs***				180	89	105	1,126	23	6
*Total VOCs****				631	13,666	3,164	5,606	94	134

Notes:
NA No guidance value or standard available
(a) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New
(b) USEPA Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance), Table 2c, Risk=1 x10^{-6}
(c)Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006. New York State Department of Health.
* Petroleum Volatile Organic Compounds
** Chlorinated Volatile Organic Compounds
** * Volatile Organic Compounds (excluding acetone)
Yellow Shaded - 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, monitoring.

FIGURES



USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

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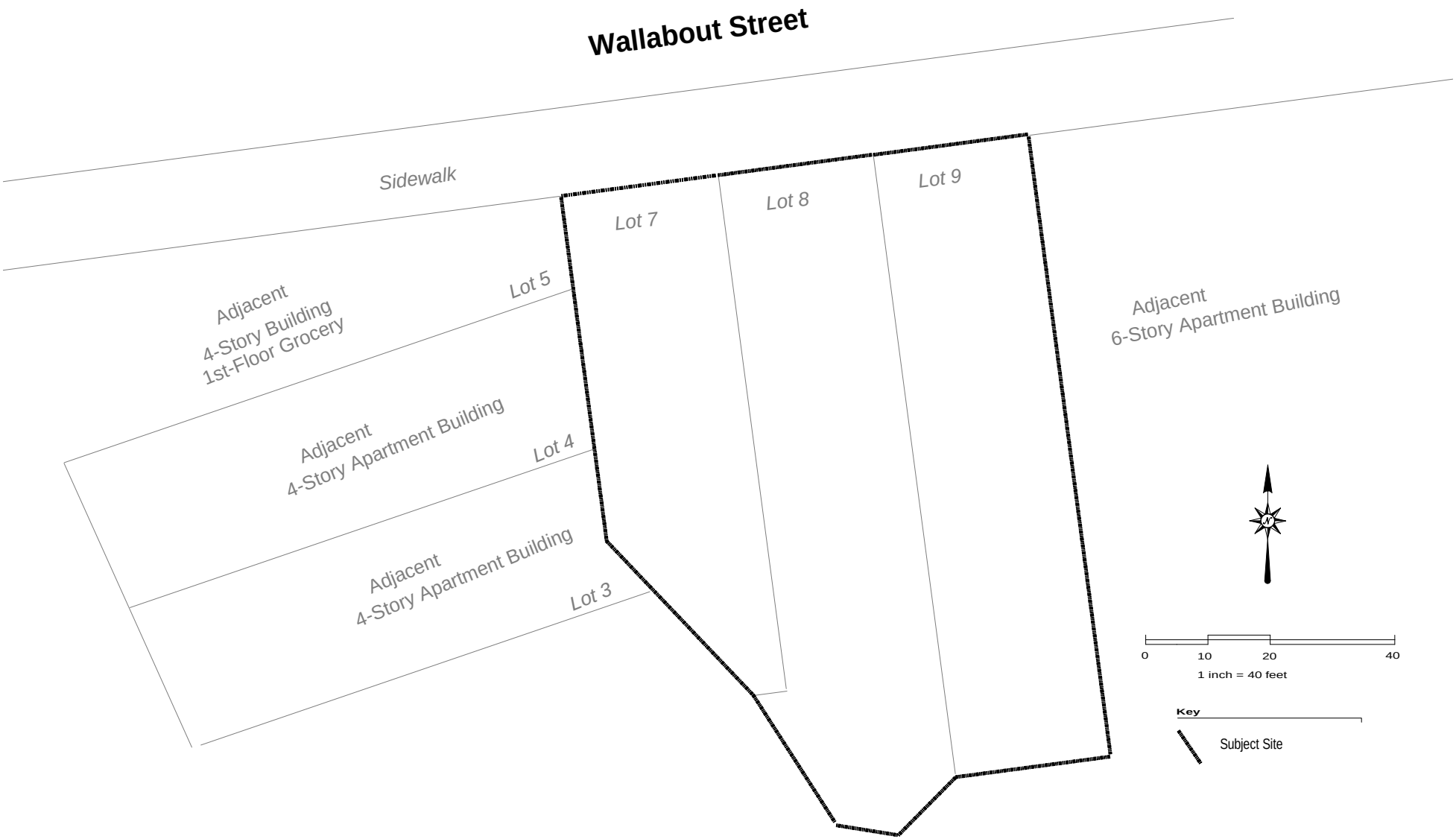
242 WALLABOUT STREET, BROOKLYN, NY

BLOCK 2264 LOTS 7, 8 & 9

FIGURE 1 SITE LOCATION MAP



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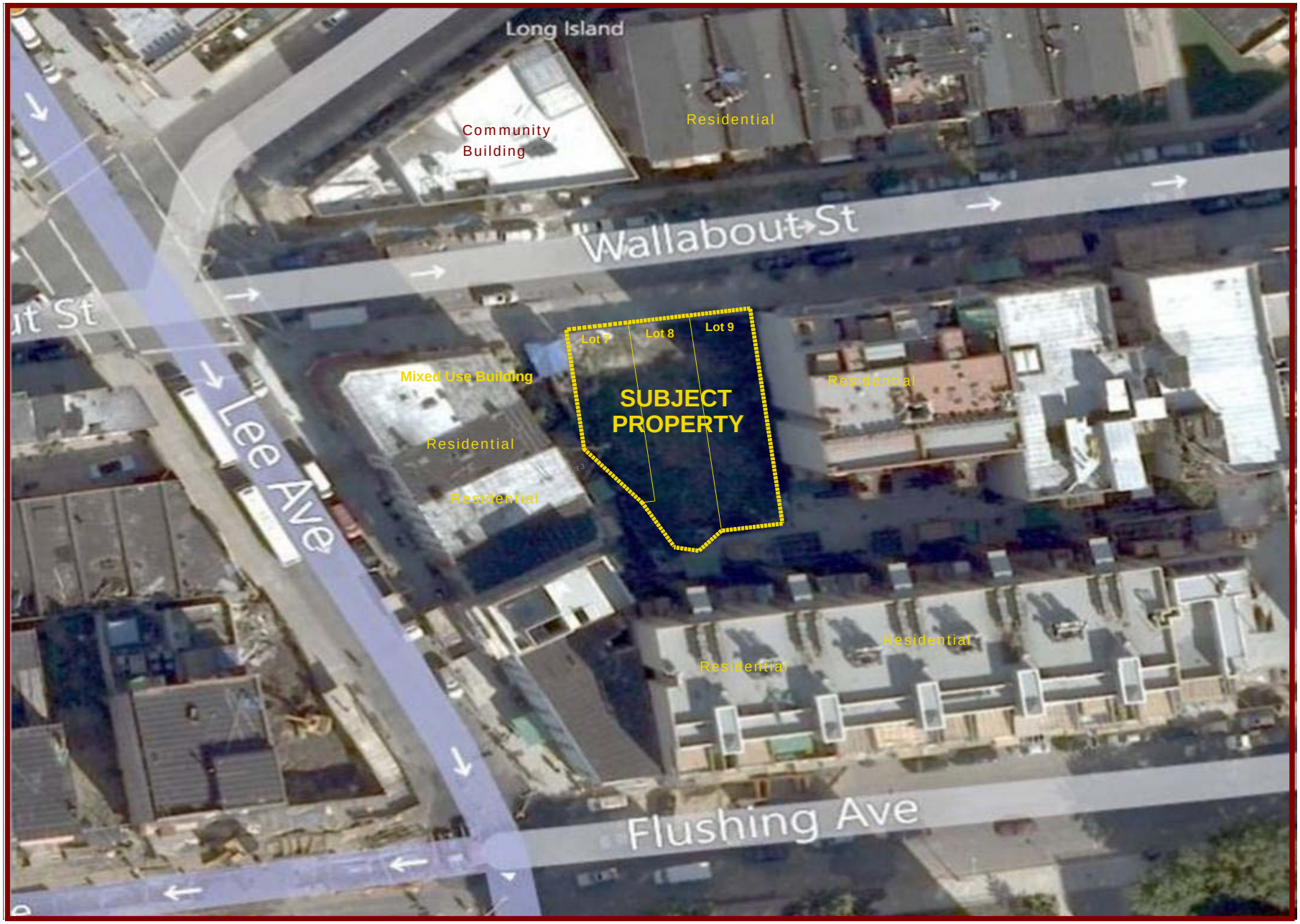
242 WALLABOUT STREET, BROOKLYN, NY
BLOCK 2264 LOTS 7, 8 AND 9

FIGURE 2 SITE PLAN



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242 Wallabout Street Brooklyn, NY
Block 2264, Lots 7, 8, and 9

FIGURE 3 Area Map

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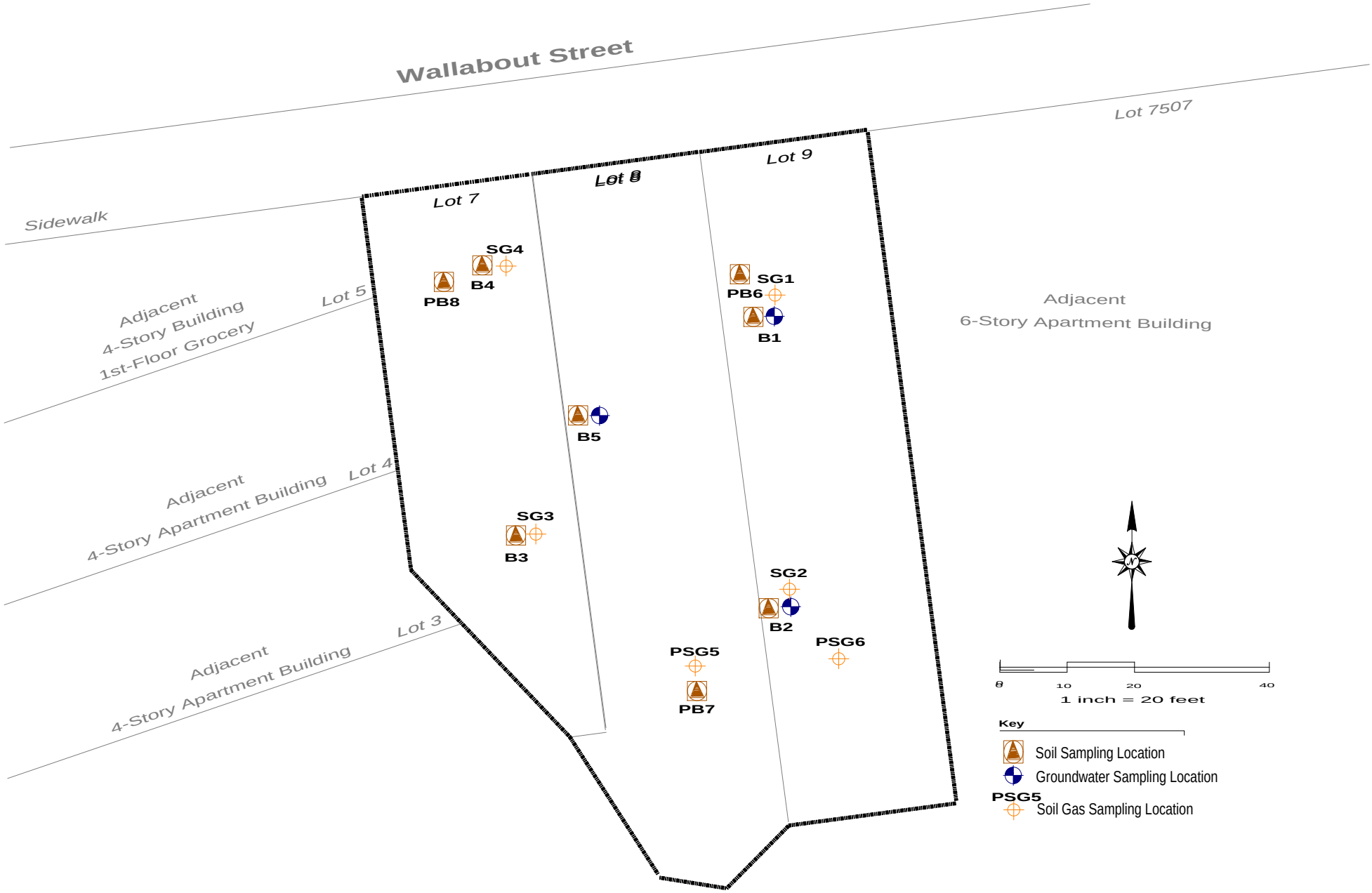
242 WALLABOUT STREET, BROOKLYN, NY

BLOCK 2264 LOTS 7, 8 AND 9

FIGURE 4 DEVELOPMENT PLAN



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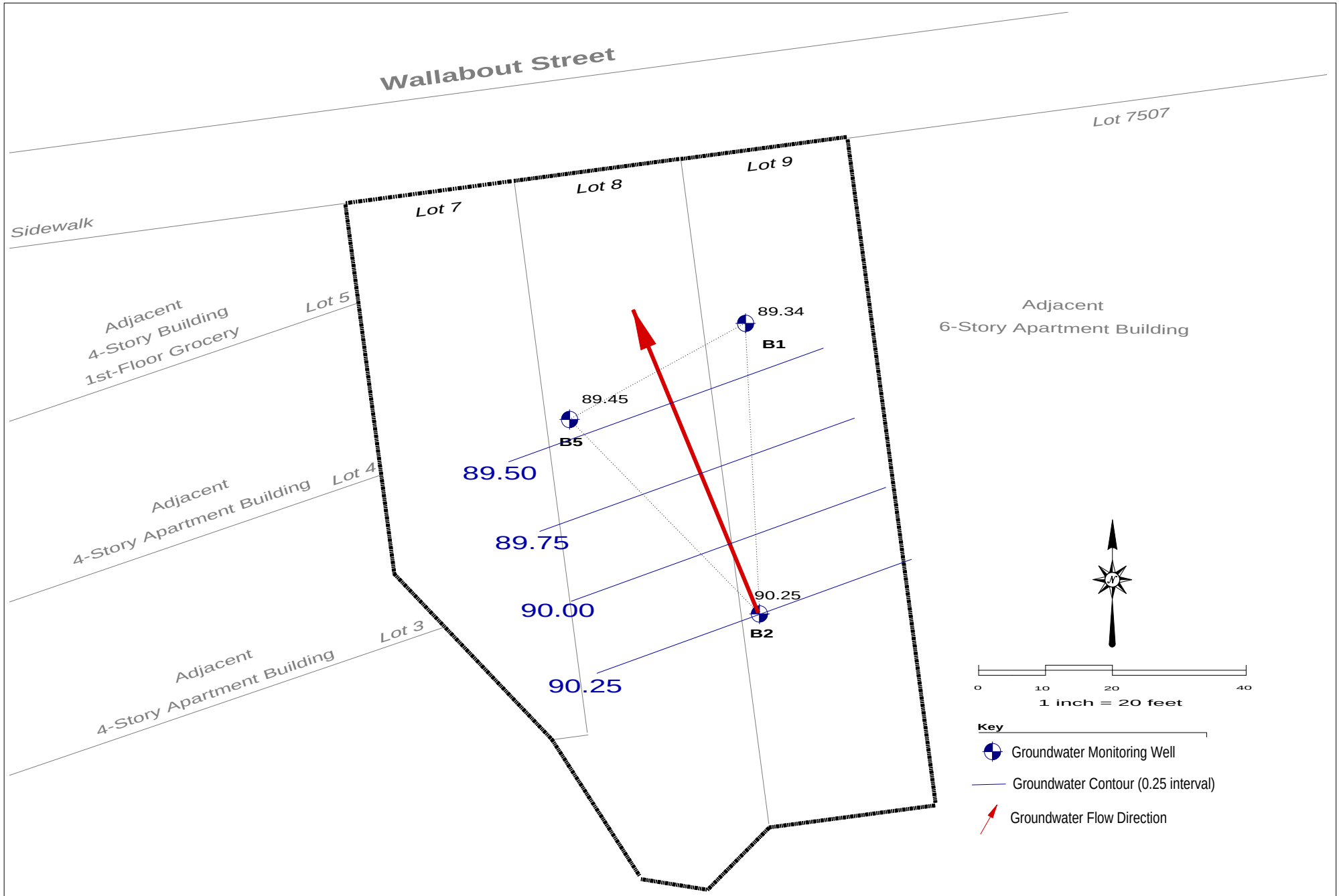
242 WALLABOUT STREET, BROOKLYN, NY

BLOCK 2264 LOTS 7, 8 AND 9

FIGURE 5 SITE PLAN



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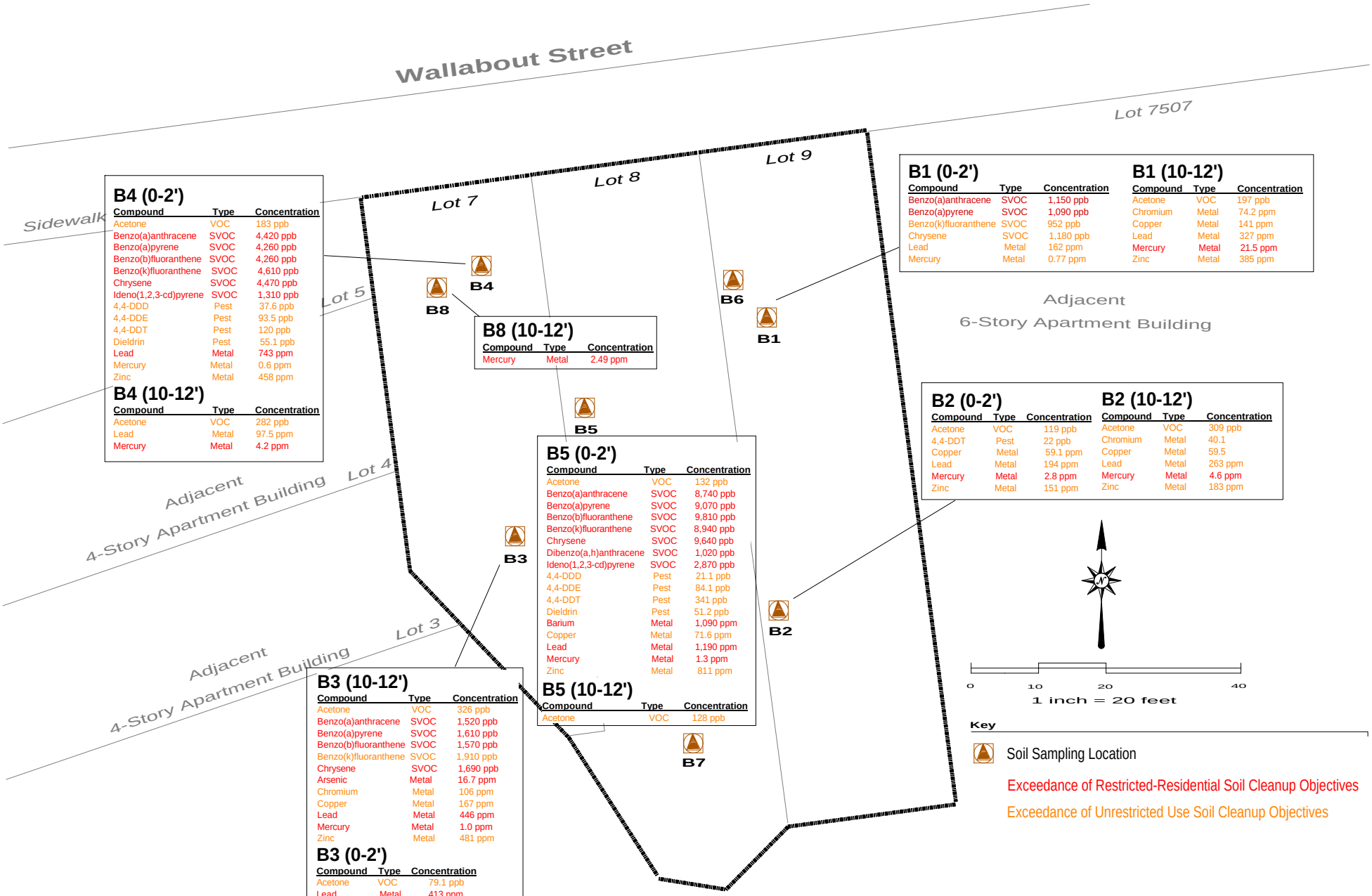
242 WALLABOUT STREET, BROOKLYN, NY

BLOCK 2264 LOTS 7, 8 AND 9

FIGURE 6 GROUNDWATER FLOW MAP



B4 (0-2')

Compound	Type	Concentration
Acetone	VOC	183 ppb
Benzo(a)anthracene	SVOC	4,420 ppb
Benzo(a)pyrene	SVOC	4,260 ppb
Benzo(b)fluoranthene	SVOC	4,260 ppb
Benzo(k)fluoranthene	SVOC	4,610 ppb
Chrysene	SVOC	4,470 ppb
Ideno(1,2,3-cd)pyrene	SVOC	1,310 ppb
4,4-DDD	Pest	37.6 ppb
4,4-DDE	Pest	93.5 ppb
4,4-DDT	Pest	120 ppb
Dieldrin	Pest	55.1 ppb
Lead	Metal	743 ppm
Mercury	Metal	0.6 ppm
Zinc	Metal	458 ppm

B4 (10-12')

Compound	Type	Concentration
Acetone	VOC	282 ppb
Lead	Metal	97.5 ppm
Mercury	Metal	4.2 ppm

B8 (10-12')

Compound	Type	Concentration
Mercury	Metal	2.49 ppm

B1 (0-2')

Compound	Type	Concentration
Benzo(a)anthracene	SVOC	1,150 ppb
Benzo(a)pyrene	SVOC	1,090 ppb
Benzo(k)fluoranthene	SVOC	952 ppb
Chrysene	SVOC	1,180 ppb
Lead	Metal	162 ppm
Mercury	Metal	0.77 ppm

B1 (10-12')

Compound	Type	Concentration
Acetone	VOC	197 ppb
Chromium	Metal	74.2 ppm
Copper	Metal	141 ppm
Lead	Metal	327 ppm
Mercury	Metal	21.5 ppm
Zinc	Metal	385 ppm

B2 (0-2')

Compound	Type	Concentration
Acetone	VOC	119 ppb
4,4-DDT	Pest	22 ppb
Copper	Metal	59.1 ppm
Lead	Metal	194 ppm
Mercury	Metal	2.8 ppm
Zinc	Metal	151 ppm

B2 (10-12')

Compound	Type	Concentration
Acetone	VOC	309 ppb
Chromium	Metal	40.1
Copper	Metal	59.5
Lead	Metal	263 ppm
Mercury	Metal	4.6 ppm
Zinc	Metal	183 ppm

B5 (0-2')

Compound	Type	Concentration
Acetone	VOC	132 ppb
Benzo(a)anthracene	SVOC	8,740 ppb
Benzo(a)pyrene	SVOC	9,070 ppb
Benzo(b)fluoranthene	SVOC	9,810 ppb
Benzo(k)fluoranthene	SVOC	8,940 ppb
Chrysene	SVOC	9,640 ppb
Dibenzo(a,h)anthracene	SVOC	1,020 ppb
Ideno(1,2,3-cd)pyrene	SVOC	2,870 ppb
4,4-DDD	Pest	21.1 ppb
4,4-DDE	Pest	84.1 ppb
4,4-DDT	Pest	341 ppb
Dieldrin	Pest	51.2 ppb
Barium	Metal	1,090 ppm
Copper	Metal	71.6 ppm
Lead	Metal	1,190 ppm
Mercury	Metal	1.3 ppm
Zinc	Metal	811 ppm

B5 (10-12')

Compound	Type	Concentration
Acetone	VOC	128 ppb

B3 (10-12')

Compound	Type	Concentration
Acetone	VOC	326 ppb
Benzo(a)anthracene	SVOC	1,520 ppb
Benzo(a)pyrene	SVOC	1,610 ppb
Benzo(b)fluoranthene	SVOC	1,570 ppb
Benzo(k)fluoranthene	SVOC	1,910 ppb
Chrysene	SVOC	1,690 ppb
Arsenic	Metal	16.7 ppm
Chromium	Metal	106 ppm
Copper	Metal	167 ppm
Lead	Metal	446 ppm
Mercury	Metal	1.0 ppm
Zinc	Metal	481 ppm

B3 (0-2')

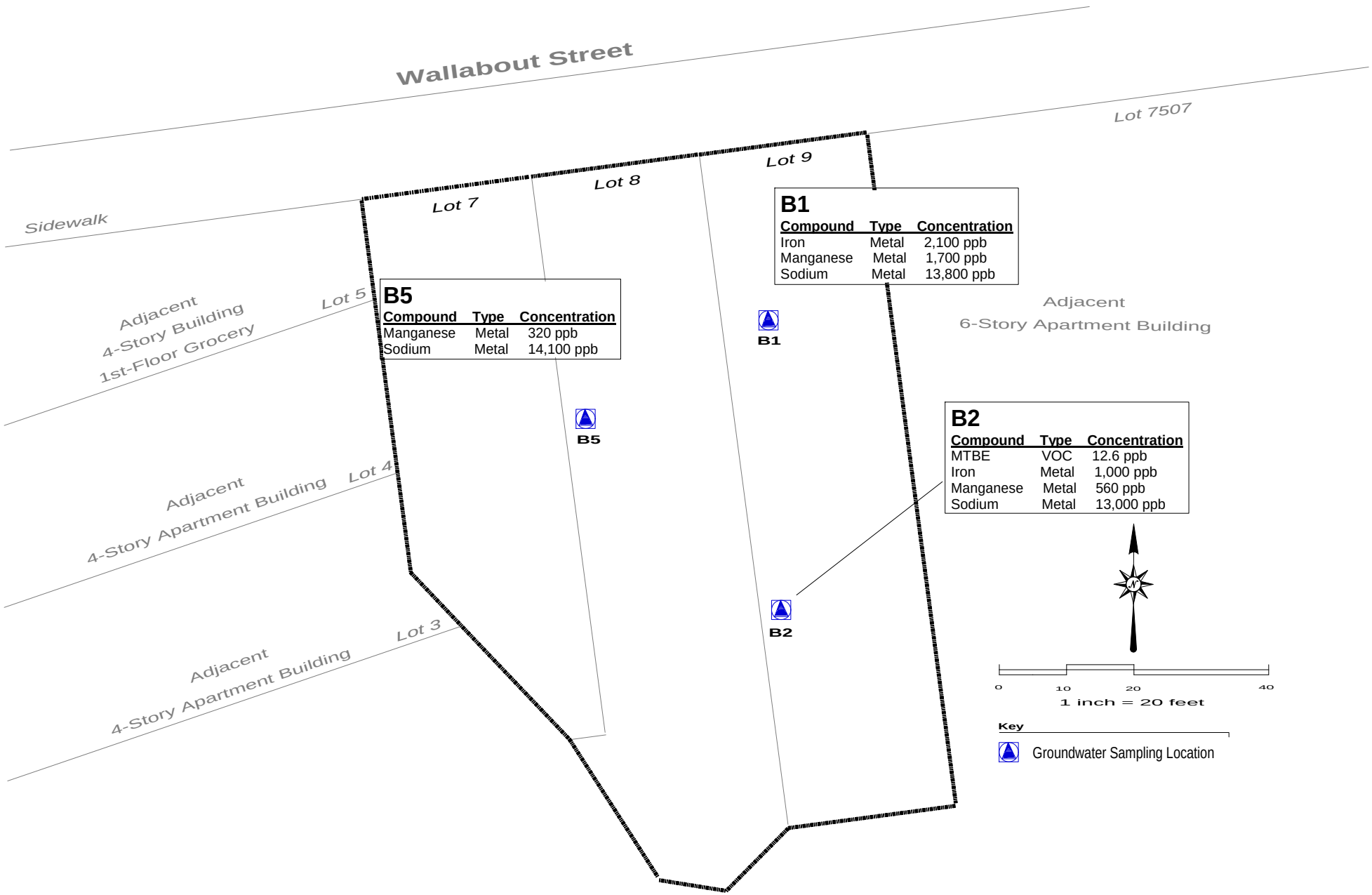
Compound	Type	Concentration
Acetone	VOC	79.1 ppb
Lead	Metal	413 ppm
Mercury	Metal	0.41 ppm
Zinc	Metal	234 ppm

EBC
Environmental Business Consultants
1808 Middle Country Road, Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2780

242 WALLABOUT STREET, BROOKLYN, NY

BLOCK 2264 LOTS 7, 8 AND 9

FIGURE 7 Soil Sample Results



B1

Compound	Type	Concentration
Iron	Metal	2,100 ppb
Manganese	Metal	1,700 ppb
Sodium	Metal	13,800 ppb

B5

Compound	Type	Concentration
Manganese	Metal	320 ppb
Sodium	Metal	14,100 ppb

B2

Compound	Type	Concentration
MTBE	VOC	12.6 ppb
Iron	Metal	1,000 ppb
Manganese	Metal	560 ppb
Sodium	Metal	13,000 ppb

EBC
Environmental Business Consultants
1808 Middle Country Road, Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2780

242 Wallabout Street, Brooklyn, NY

Block 2264 Lots 7, 8 and 9

FIGURE 8 Groundwater Sampling Results

APPENDIX A
DRILL LOGS

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Northeast corner of lot. 20' from east property line and 25.5' from north property line.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: ADR1102	Address: 242 Wallabout Avenue, Brooklyn, NY	Date	DTW	Ground Elevation
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54	Groundwater depth ~8 ft		Well Specifications
Date Started: 8/15/2011	Date Completed: 8/15/2011			None
Completion Depth: 12 feet	Field Techician K. Brussee			

B1 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	12		0.0	12" - Rubble and concrete in silty soil matrix. No odor. *Soil Sample retained B1(0-2').*
	to 8	30		0.0	18" - Fill material of bricks, ash, coal ash in silty clay matrix. No odor
	to 12	36		0.0	12" - Fill material from above. Wet 24" - Light to dark grey firm clay. No odor. *Soil Sample retained B1(10-12').*
					GW sample collected (B1)

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Southeast corner of lot. 23.5' from east wall and 31.5' from south property line.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: ADR1102	Address: 242 Wallabout Avenue, Brooklyn, NY	Date	DTW	Ground Elevation
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54	Groundwater depth ~8 ft		Well Specifications
Date Started: 8/15/2011	Date Completed: 8/15/2011			None
Completion Depth: 12 feet	Field Techician K. Brussee			

B2 (NTS)	(ft below grade)	Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	36		0.0	36" - Fill material consisting of brick, concrete, and rubble in silty soil matrix. No odor. **Soil Sample retained B2(0-2').*
	to 8	36		0.0	36" - Fill material with ash. No odor.
	to 12	36		0.0	12" - Fill material with ash in a clayey matrix 24" - Firm grey clay. No odor. **Soil Sample retained B2(10-12').*
					**GW sample collected (B2)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Southwest corner of lot next to pile of rubble.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: ADR1102	Address: 242 Wallabout Avenue, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54	~8 ft		Well Specifications
Date Started: 8/15/2011	Date Completed: 8/15/2011			None
Completion Depth: 12 feet	Field Techician K. Brussee			

B3 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	0 to 4	36		0.0	36" - Fill material with coal fragments and ash in a silty soil matrix. No odor. **Soil Sample retained B3(0-2').*
	4 to 8	36		0.0	36" - Fill material with bricks and some coal ash in silty clay matrix. No odor.
	8 to 12	30		0.0	12" - Wet fill material with bricks. 18" - Grey to dark grey clay. No odor. **Soil Sample retained B3(10-12').*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Northwest corner of lot.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: ADR1102	Address: 242 Wallabout Avenue, Brooklyn, NY	Date	DTW	Ground Elevation
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54	Groundwater depth ~8 ft		Well Specifications
Date Started: 8/15/2011	Date Completed: 8/15/2011			None
Completion Depth: 12 feet	Field Techician K. Brussee			

B4 (NTS)	(ft below grade)	Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	30		0.0	6" - Topsoil 24" - Fill material with brick, coal ash, decayed wood. No odor. **Soil Sample retained B4 (0-2').*
	to 8	30		0.0	6" - Red brick and concrete 3" - Black fill material with coal ash 21" - Red to brown moist sandy clay
	to 12	33		0.0	12" - Saturated silty sand 9" - Grey sandy clay 12" - Black clay. *Sample retained 10-12'. **Soil Sample retained B4(10-12').*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B5 Boring Log

Location: Center of subject lot. 27' from west property line and 36' from north property line.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: ADR1102	Address: 242 Wallabout Avenue, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54	~8 ft		Well Specifications
Date Started: 8/15/2011	Date Completed: 8/15/2011			None
Completion Depth: 12 feet	Field Techician K. Brussee			

B5 (NTS)	(ft below grade)	Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	0 to 4	24		0.0	24" - Fill material with bricks and rubble. No odor. *Soil Sample retained B5(0-2').*
	4 to 8	24		0.0	24" - Fill material with bricks, coal ash. No odor. Bottom 12" wet.
	8 to 12	36		0.0	12" - Wet fill material of bricks and ash 12" - Grey to dark grey clay. No odor. *Soil Sample retained B5(10-12)'.*
					GW sample collected (B5)

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B6 Boring Log

Location: Performed in vacant lot.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: ADR1102	Address: 242 Wallabout Street, Brooklyn, NY	Date	DTW	Ground Elevation
Drilling Company: LVS, Inc.	Method: Geoprobe	Groundwater depth		
Date Started: 10/9/2011	Date Completed: 10/9/2011	Not Encountered		Well Specifications
Completion Depth: 12 feet	Geologist Kevin Waters			None

B6 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	14			14" - sands with fill material, concrete, brick and glass
	to 8	22			22" - sands with fill material, concrete, brick and glass
	to 12	28			8-10 ft-14"-wet brown sands with fill material 10-12 ft - 14" -wet grey-black clays **Sample retained at 10-12 ft*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B7 Boring Log

Location: Performed in vacant lot.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: ADR1102	Address: 242 Wallabout Street, Brooklyn, NY	Date	DTW	Ground Elevation
Drilling Company: LVS, Inc.	Method: Geoprobe	Groundwater depth		
Date Started: 10/9/2011	Date Completed: 10/9/2011	Not Encountered		Well Specifications
Completion Depth: 12 feet	Geologist Kevin Waters			None

B7 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	17			17" - sands with fill material, concrete, brick and glass
	to 8	34			34" - sands with fill material, concrete, brick, wood and glass
	to 12	30			8-10 ft-15"-wet brown sands with fill material 10-12 ft - 15" -wet grey clays **Sample retained at 10-12 ft*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B8 Boring Log

Location: Performed in vacant lot.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: ADR1102	Address: 242 Wallabout Street, Brooklyn, NY	Date	DTW	Ground Elevation
Drilling Company: LVS, Inc.	Method: Geoprobe	Groundwater depth		
Date Started: 10/9/2011	Date Completed: 10/9/2011	Not Encountered		Well Specifications
Completion Depth: 12 feet	Geologist Kevin Waters			None

B8 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	24			24" - sands with fill material, concrete, brick and glass
	to 8	30			30" - sands with fill material, concrete, brick and glass
	to 12	36			8-10 ft-18"-wet brown sands with fill material 10-12 ft - 18" -wet grey-black clays **Sample retained at 10-12 ft*

APPENDIX B
GROUNDWATER SAMPLING LOGS

GROUNDWATER PURGE / SAMPLE LOGS

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: B1

Date: 8/15/2011

Well Depth (from TOC): 15

Equipment: Geopump 2 peristaltic pump

Static Water Level (from TOC): 6.42

Height of Water in Well: 8.58

Gallons of Water per Well Volume: 0.3432

Flow Rate: 400ml/min.

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

GROUNDWATER PURGE / SAMPLE LOGS

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: B2

Date: 8/15/2011

Well Depth (from TOC): 15

Equipment: Geopump 2 peristaltic pump

Static Water Level (from TOC): 7.85

Height of Water in Well: 7.15

Gallons of Water per Well Volume: 0.286

Flow Rate: 400ml/min.

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

GROUNDWATER PURGE / SAMPLE LOGS

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: B3

Date: 8/15/2011

Well Depth (from TOC): 15

Equipment: Geopump 2 peristaltic pump

Static Water Level (from TOC): 6.8

Height of Water in Well: 8.2

Gallons of Water per Well Volume: 0.328

Flow Rate: 400ml/min.

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

APPENDIX C
SOIL GAS SAMPLING LOGS

Centek Laboratories

Chain of Custody

143 Midler Park Drive
Syracuse, NY 13212
Contact #'s Lower Right
www.CentekLabs.com

Site Name: 242 Wallabout Street
Project: Brooklyn, NY
PO#:
Other:

Detection Limit	Report Level
☐ 5ppbv	☐ Level I
☐ 1ug/M3	☐ Level II
☐ 1ug/M3 +TCE .25	☐ Cat "B" Like

Turnaround Time:	Check One	Rush TAT Surcharge %	Due Date:
5 Business Days	✓	0%	
4 Business Days	☐	35%	
3 Business Days	☐	50%	
2 Business Days	☐	75%	
Next Day by 5pm	☐	100%	
Next Day by Noon	☐	150%	
Same Day	☐	200%	

Company: EBC
Report:
Phone:
Fax:
Email:

Company:
Invoice:
Phone:
Fax:
Email:

Sample ID	Date Sampled	Canister Number	Regulator Number	Analysis Request	Comments	Vacuum Start/Stop
SG1	8·19·2011	823	522	TO 15		-30 in Hg / -7 in Hg
SG2	8·19·2011	830	728	TO15		-30 / -8
SG3	8·19·2011	~~824~~ 848	525	TO15		-29 / -7
SG4	8·19·2011	824	714	TO15		-29 / -7

C1109004

Chain of Custody	Print Name	Signature	Date/Time	Courier:	FedEx / UPS
Sampled by:	DOMINICK MOSCA	[signature]	8-19-2011	** By Signing this Centek Labs COC you are accepting Terms and Conditions on Back.	
Relinquished by:					
Received at Lab by:	Jan Scala	[signature]	8/31/11	p: (315) 431-9730	f: (315) 431-9731

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 11 J0807

YOUR Information

Company: EBC
Address: 1808 Middle Country Rd Ridge, NY 11961
Phone No. 631-504-6000
Contact Person: Charlie Sosik
E-Mail Address: On File

Report To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

242 Wallabout Street
Brooklyn, NY

Purchase Order No.

Samples from: CT___ NY ✓ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☑

Report Type/Deliverables

- Summary Report ✓
- Summary w/ QA Summary ___
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B/CLP Pkg ___
- NJDEP Reduced ___

Electronic Deliverables:

- EDD (Specify Type) ___
- Standard Excel ✓
- Regulatory Comparison Excel ___

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Dominick Mosca
Name (printed)

Air Matrix Codes

- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

- EPA TO-15 List
- EPA TO-14A List
- NYSDEC VI list
- Tentatively Identified Compounds
- NYSDEC STARS List
- Air VPH
- Project Specific List by TO-15
- Helium
- NJDEP Target List
- Methane
- CTDEP RCP Target List
- OTHER___

Detection Limits Required

- ≤ 1 ug/m³ ___
- NYSDEC VI Limits___ (VI = vapor intrusion)
- NJDEP low level ___
- Routine Survey ___
- Other___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
PSG5	10-24-2011	AS	-29	-8	TO-15	6 Liter Summa canister ✓ Tedlar Bag___
PSG6	10-24-2011	AS	-28	-6	TO-15	6 Liter Summa canister ✓ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___

Comments

Samples Relinquished By — Date/Time: 10-25-2011 1227

Samples Relinquished By — Date/Time:

Samples Received By: K. Barker — Date/Time: 10-25-11 1230 PM

Samples Received in LAB by: Pham — Date/Time: 10/25/11 1540

APPENDIX D

LABORATORY REPORTS IN DIGITAL FORMAT

ALS Environmental

34 Dogwood Lane ▪ Middletown, PA 17057 ▪ Phone: 717-944-5541 ▪ Fax: 717-944-1430 ▪ www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

August 26, 2011

Mr. Charles Sosik
Environmental Business Consultants (EBC)
1808 Middle Country Road
Ridge, NY 11961

Certificate of Analysis

Project Name:	**S/GW, NY**	Workorder:	**9922059**
Purchase Order:		Workorder ID:	**S/GW, NY**

Dear Mr. Sosik,

Enclosed are the analytical results for samples received by the laboratory on Wednesday, August 17, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at www.analyticallab.com for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Anna G Milliken
Technical Manager

ALS Environmental
34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

SAMPLE SUMMARY

Workorder: 9922059 S/GW, NY Discard Date: 09/09/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9922059001	B1 [0-2']	Solid	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059002	B1 [10-12']	Solid	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059003	B2 [0-2']	Solid	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059004	B2 [10-12']	Solid	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059005	B3 [0-2']	Solid	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059006	B3 [10-12']	Solid	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059007	B4 [0-2']	Solid	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059008	B4 [10-12']	Solid	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059009	B5 [0-2']	Solid	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059010	B5 [0-2']	Solid	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059011	B5 [10-12']	Solid	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059012	B1 GW	Ground Water	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059013	B2 GW	Ground Water	8/16/11 00:00	8/17/11 21:25	Charles Sosik
9922059014	B3 GW	Ground Water	8/16/11 00:00	8/17/11 21:25	Charles Sosik

Workorder Comments:

SAMPLE SUMMARY

Workorder: 9922059 S/GW, NY Discard Date: 09/09/2011

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By

Notes

-- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
-- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
-- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
-- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
-- The Chain of Custody document is included as part of this report.
-- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.

Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

ALS Environmental
34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059001** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	24.3		ug/kg	8.4	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Benzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Bromobenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Bromochloromethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Bromodichloromethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Bromoform	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Bromomethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
2-Butanone	ND		ug/kg	8.4	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
n-Butylbenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
tert-Butylbenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
sec-Butylbenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Carbon Disulfide	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Carbon Tetrachloride	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Chlorobenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Chlorodibromomethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Chloroethane	ND		ug/kg	4.2	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Chloroform	ND	1	ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Chloromethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
o-Chlorotoluene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
p-Chlorotoluene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,2-Dibromoethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Dibromomethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,2-Dichlorobenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,3-Dichlorobenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,4-Dichlorobenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Dichlorodifluoromethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,1-Dichloroethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,2-Dichloroethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,1-Dichloroethene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
cis-1,2-Dichloroethene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
trans-1,2-Dichloroethene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,3-Dichloropropane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
2,2-Dichloropropane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,2-Dichloropropane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,1-Dichloropropene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
cis-1,3-Dichloropropene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
trans-1,3-Dichloropropene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Ethylbenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059001** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Hexachlorobutadiene	ND		ug/kg	4.2	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
2-Hexanone	ND		ug/kg	8.4	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Isopropylbenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
p-Isopropyltoluene	1.8		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Methyl t-Butyl Ether	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	8.4	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Methylene Chloride	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Naphthalene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
n-Propylbenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Styrene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Tetrachloroethene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Toluene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Total Xylenes	ND		ug/kg	5.0	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,2,3-Trichlorobenzene	ND		ug/kg	4.2	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,2,4-Trichlorobenzene	ND		ug/kg	4.2	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,1,1-Trichloroethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,1,2-Trichloroethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Trichloroethene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Trichlorofluoromethane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,2,3-Trichloropropane	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Vinyl Chloride	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
o-Xylene	ND		ug/kg	1.7	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
mp-Xylene	ND		ug/kg	3.3	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	130	4	%	56-124	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
4-Bromofluorobenzene (S)	106		%	51-128	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Dibromofluoromethane (S)	101		%	62-123	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
Toluene-d8 (S)	101		%	59-131	8260/5035	8/18/11	JAH	8/20/11 03:09	DJB	A2
SEMIVOLATILES										
Acenaphthene	152		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Acenaphthylene	ND		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Anthracene	346		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Benzo(a)anthracene	1150		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Benzo(a)pyrene	1090		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Benzo(b)fluoranthene	930		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059001** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	495		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Benzo(k)fluoranthene	952		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
4-Bromophenyl-phenylether	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Butylbenzylphthalate	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Carbazole	118		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
4-Chloroaniline	ND		ug/kg	305	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
bis(2-Chloroethoxy)methane	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
bis(2-Chloroethyl)ether	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
bis(2-Chloroisopropyl)ether	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
2-Chloronaphthalene	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
4-Chlorophenyl-phenylether	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Chrysene	1180		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Di-n-Butylphthalate	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Di-n-Octylphthalate	ND		ug/kg	305	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Dibenzo(a,h)anthracene	195		ug/kg	67.8	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Dibenzofuran	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
1,2-Dichlorobenzene	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
1,3-Dichlorobenzene	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
1,4-Dichlorobenzene	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
3,3-Dichlorobenzidine	ND		ug/kg	610	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Diethylphthalate	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Dimethylphthalate	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
2,4-Dinitrotoluene	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
2,6-Dinitrotoluene	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
bis(2-Ethylhexyl)phthalate	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Fluoranthene	2450		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Fluorene	141		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Hexachlorobenzene	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Hexachlorobutadiene	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Hexachlorocyclopentadiene	ND		ug/kg	305	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Hexachloroethane	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Indeno(1,2,3-cd)pyrene	495		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Isophorone	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
2-Methylnaphthalene	ND		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Naphthalene	ND		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
2-Nitroaniline	ND		ug/kg	305	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
3-Nitroaniline	ND		ug/kg	305	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
4-Nitroaniline	ND		ug/kg	305	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Nitrobenzene	ND		ug/kg	136	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
N-Nitroso-di-n-propylamine	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
N-Nitrosodiphenylamine	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059001** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Phenanthrene	1840		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Pyrene	2500		ug/kg	56.5	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
1,2,4-Trichlorobenzene	ND		ug/kg	113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	51		%	37-123	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
2-Fluorobiphenyl (S)	76		%	45-105	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
2-Fluorophenol (S)	57.2		%	35-104	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Nitrobenzene-d5 (S)	79.8		%	41-110	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Phenol-d5 (S)	61.1		%	40-100	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
Terphenyl-d14 (S)	86.5		%	38-113	SW846 8270D	8/22/11	SMD	8/23/11 08:02	CGS	A11
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.037	SW846 8082A	8/18/11	LEH	8/22/11 23:35	KJH	A5
Aroclor-1016	ND		mg/kg	0.037	SW846 8082A	8/18/11	LEH	8/22/11 23:35	KJH	A5
Aroclor-1221	ND		mg/kg	0.037	SW846 8082A	8/18/11	LEH	8/22/11 23:35	KJH	A5
Aroclor-1232	ND		mg/kg	0.037	SW846 8082A	8/18/11	LEH	8/22/11 23:35	KJH	A5
Aroclor-1242	ND		mg/kg	0.037	SW846 8082A	8/18/11	LEH	8/22/11 23:35	KJH	A5
Aroclor-1248	ND		mg/kg	0.037	SW846 8082A	8/18/11	LEH	8/22/11 23:35	KJH	A5
Aroclor-1254	ND		mg/kg	0.037	SW846 8082A	8/18/11	LEH	8/22/11 23:35	KJH	A5
Aroclor-1260	ND		mg/kg	0.037	SW846 8082A	8/18/11	LEH	8/22/11 23:35	KJH	A5
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	88.8		%	46-120	SW846 8082A	8/18/11	LEH	8/22/11 23:35	KJH	A5
Tetrachloro-m-xylene (S)	95		%	52-115	SW846 8082A	8/18/11	LEH	8/22/11 23:35	KJH	A5
PESTICIDES										
Aldrin	ND		ug/kg	9.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
alpha-BHC	ND		ug/kg	9.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
beta-BHC	ND		ug/kg	9.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
delta-BHC	ND		ug/kg	9.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
gamma-BHC	ND		ug/kg	9.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
alpha-Chlordane	ND		ug/kg	9.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
gamma-Chlordane	ND		ug/kg	9.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
4,4'-DDD	ND		ug/kg	18.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
4,4'-DDE	ND		ug/kg	18.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
4,4'-DDT	ND		ug/kg	18.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Dieldrin	ND		ug/kg	18.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Endosulfan I	ND		ug/kg	9.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Endosulfan II	ND		ug/kg	18.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Endosulfan Sulfate	ND		ug/kg	18.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7

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NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059001** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Endrin	ND		ug/kg	18.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Endrin Aldehyde	ND		ug/kg	18.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Endrin Ketone	ND		ug/kg	18.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Heptachlor	ND		ug/kg	9.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Heptachlor Epoxide	ND		ug/kg	9.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Methoxychlor	ND		ug/kg	18.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Mirex	ND		ug/kg	18.5	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Toxaphene	ND		ug/kg	393	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	84.9		%	30-117	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
Tetrachloro-m-xylene (S)	62.3		%	30-89	SW846 8081B	8/18/11	LEH	8/20/11 03:57	KJH	A7
WET CHEMISTRY										
Moisture	11.5		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
Total Solids	88.5		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
METALS										
Aluminum, Total	7860	2	mg/kg	10.1	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Antimony, Total	2.7		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Arsenic, Total	4.1		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Barium, Total	96.5		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Beryllium, Total	ND		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Cadmium, Total	ND		mg/kg	0.50	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Calcium, Total	6700	3	mg/kg	10.1	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Chromium, Total	16.7		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Cobalt, Total	5.5		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Copper, Total	25.5		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Iron, Total	15300		mg/kg	10.1	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Lead, Total	162		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Magnesium, Total	2870		mg/kg	10.1	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059001** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Manganese, Total	201		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Mercury, Total	0.77		mg/kg	0.23	SW846 7471B	8/23/11	MNP	8/23/11 13:02	MNP	A9
Nickel, Total	12.5		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Potassium, Total	757		mg/kg	50.4	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Selenium, Total	ND		mg/kg	5.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Silver, Total	ND		mg/kg	0.50	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Sodium, Total	104		mg/kg	50.4	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Thallium, Total	ND		mg/kg	3.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Vanadium, Total	22.9		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10
Zinc, Total	93.8		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 13:37	MWO	A10

Sample Comments:

This sample was analyzed at a dilution in the 8081 Pesticide analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

One or more of the method 8260 surrogates were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059002** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	197		ug/kg	13.4	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Benzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Bromobenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Bromochloromethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Bromodichloromethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Bromoform	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Bromomethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
2-Butanone	36.8		ug/kg	13.4	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
n-Butylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
tert-Butylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
sec-Butylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Carbon Disulfide	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Carbon Tetrachloride	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Chlorobenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Chlorodibromomethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Chloroethane	ND		ug/kg	6.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Chloroform	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Chloromethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
o-Chlorotoluene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
p-Chlorotoluene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,2-Dibromoethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Dibromomethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,2-Dichlorobenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,3-Dichlorobenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,4-Dichlorobenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Dichlorodifluoromethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,1-Dichloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,2-Dichloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,1-Dichloroethene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,3-Dichloropropane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
2,2-Dichloropropane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,2-Dichloropropane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,1-Dichloropropene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Ethylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059002** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Hexachlorobutadiene	ND		ug/kg	6.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
2-Hexanone	ND		ug/kg	13.4	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Isopropylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
p-Isopropyltoluene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Methyl t-Butyl Ether	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	13.4	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Methylene Chloride	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Naphthalene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
n-Propylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Styrene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Tetrachloroethene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Toluene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Total Xylenes	ND		ug/kg	8.1	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,1,1-Trichloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,1,2-Trichloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Trichloroethene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Trichlorofluoromethane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,2,3-Trichloropropane	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Vinyl Chloride	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
o-Xylene	ND		ug/kg	2.7	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
mp-Xylene	ND		ug/kg	5.4	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	129	5	%	56-124	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
4-Bromofluorobenzene (S)	111		%	51-128	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Dibromofluoromethane (S)	96.6		%	62-123	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
Toluene-d8 (S)	96.4		%	59-131	8260/5035	8/18/11	JAH	8/20/11 03:38	DJB	A2
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Acenaphthylene	ND		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Anthracene	ND		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Benzo(a)anthracene	94.3		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Benzo(a)pyrene	89.7		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Benzo(b)fluoranthene	79.7		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059002** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	ND		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Benzo(k)fluoranthene	98.9		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
4-Bromophenyl-phenylether	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Butylbenzylphthalate	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Carbazole	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
4-Chloroaniline	ND		ug/kg	414	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
bis(2-Chloroethoxy)methane	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
bis(2-Chloroethyl)ether	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
bis(2-Chloroisopropyl)ether	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
2-Chloronaphthalene	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
4-Chlorophenyl-phenylether	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Chrysene	105		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Di-n-Butylphthalate	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Di-n-Octylphthalate	ND		ug/kg	414	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Dibenzo(a,h)anthracene	ND		ug/kg	92.0	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Dibenzofuran	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
1,2-Dichlorobenzene	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
1,3-Dichlorobenzene	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
1,4-Dichlorobenzene	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
3,3-Dichlorobenzidine	ND		ug/kg	828	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Diethylphthalate	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Dimethylphthalate	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
2,4-Dinitrotoluene	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
2,6-Dinitrotoluene	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
bis(2-Ethylhexyl)phthalate	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Fluoranthene	187		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Fluorene	ND		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Hexachlorobenzene	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Hexachlorobutadiene	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Hexachlorocyclopentadiene	ND		ug/kg	414	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Hexachloroethane	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Indeno(1,2,3-cd)pyrene	ND		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Isophorone	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
2-Methylnaphthalene	ND		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Naphthalene	ND		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
2-Nitroaniline	ND		ug/kg	414	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
3-Nitroaniline	ND		ug/kg	414	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
4-Nitroaniline	ND		ug/kg	414	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Nitrobenzene	ND		ug/kg	184	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
N-Nitroso-di-n-propylamine	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
N-Nitrosodiphenylamine	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059002** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Phenanthrene	147		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Pyrene	178		ug/kg	76.7	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
1,2,4-Trichlorobenzene	ND		ug/kg	153	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	48		%	37-123	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
2-Fluorobiphenyl (S)	65.1		%	45-105	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
2-Fluorophenol (S)	50.8		%	35-104	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Nitrobenzene-d5 (S)	69.1		%	41-110	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Phenol-d5 (S)	52.9		%	40-100	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
Terphenyl-d14 (S)	77.5		%	38-113	SW846 8270D	8/22/11	SMD	8/23/11 08:34	CGS	A7
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.051	SW846 8082A	8/18/11	LEH	8/23/11 00:05	KJH	A3
Aroclor-1016	ND		mg/kg	0.051	SW846 8082A	8/18/11	LEH	8/23/11 00:05	KJH	A3
Aroclor-1221	ND		mg/kg	0.051	SW846 8082A	8/18/11	LEH	8/23/11 00:05	KJH	A3
Aroclor-1232	ND		mg/kg	0.051	SW846 8082A	8/18/11	LEH	8/23/11 00:05	KJH	A3
Aroclor-1242	ND		mg/kg	0.051	SW846 8082A	8/18/11	LEH	8/23/11 00:05	KJH	A3
Aroclor-1248	ND		mg/kg	0.051	SW846 8082A	8/18/11	LEH	8/23/11 00:05	KJH	A3
Aroclor-1254	ND		mg/kg	0.051	SW846 8082A	8/18/11	LEH	8/23/11 00:05	KJH	A3
Aroclor-1260	ND		mg/kg	0.051	SW846 8082A	8/18/11	LEH	8/23/11 00:05	KJH	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	90.8		%	46-120	SW846 8082A	8/18/11	LEH	8/23/11 00:05	KJH	A3
Tetrachloro-m-xylene (S)	98.8		%	52-115	SW846 8082A	8/18/11	LEH	8/23/11 00:05	KJH	A3
PESTICIDES										
Aldrin	ND		ug/kg	13.2	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
alpha-BHC	ND		ug/kg	13.2	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
beta-BHC	ND		ug/kg	13.2	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
delta-BHC	ND		ug/kg	13.2	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
gamma-BHC	ND		ug/kg	13.2	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
alpha-Chlordane	ND		ug/kg	13.2	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
gamma-Chlordane	ND		ug/kg	13.2	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
4,4'-DDD	ND		ug/kg	25.6	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
4,4'-DDE	ND		ug/kg	25.6	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
4,4'-DDT	ND		ug/kg	25.6	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Dieldrin	ND		ug/kg	25.6	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Endosulfan I	ND		ug/kg	13.2	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Endosulfan II	ND		ug/kg	25.6	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Endosulfan Sulfate	ND		ug/kg	25.6	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059002** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Endrin	ND		ug/kg	25.6	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Endrin Aldehyde	ND		ug/kg	25.6	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Endrin Ketone	ND		ug/kg	25.6	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Heptachlor	ND		ug/kg	13.2	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Heptachlor Epoxide	ND		ug/kg	13.2	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Methoxychlor	ND		ug/kg	25.6	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Mirex	ND		ug/kg	25.6	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Toxaphene	ND		ug/kg	544	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	76.2		%	30-117	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
Tetrachloro-m-xylene (S)	75.1		%	30-89	SW846 8081B	8/18/11	LEH	8/20/11 02:57	KJH	A4
WET CHEMISTRY										
Moisture	36.1		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
Total Solids	63.9		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
METALS										
Aluminum, Total	11500	2	mg/kg	14.0	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Antimony, Total	2.8		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Arsenic, Total	13.0		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Barium, Total	174		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Beryllium, Total	ND		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Cadmium, Total	ND		mg/kg	0.70	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Calcium, Total	9390	3	mg/kg	14.0	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Chromium, Total	74.2		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Cobalt, Total	6.7		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Copper, Total	141		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Iron, Total	18400		mg/kg	14.0	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Lead, Total	327		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Magnesium, Total	2480		mg/kg	14.0	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059002** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B1 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Manganese, Total	352		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Mercury, Total	21.5		mg/kg	2.7	SW846 7471B	8/23/11	MNP	8/23/11 13:42	MNP	A5
Nickel, Total	17.8		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Potassium, Total	1160		mg/kg	69.8	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Selenium, Total	ND		mg/kg	7.0	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Silver, Total	0.71		mg/kg	0.70	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Sodium, Total	132		mg/kg	69.8	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Thallium, Total	ND		mg/kg	4.2	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Vanadium, Total	25.2		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6
Zinc, Total	385		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 13:40	MWO	A6

Sample Comments:

This sample was analyzed at a dilution in the 8081 Pesticide analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

One or more of the method 8260 surrogates were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059003** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	119		ug/kg	11.4	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Benzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Bromobenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Bromochloromethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Bromodichloromethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Bromoform	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Bromomethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
2-Butanone	ND		ug/kg	11.4	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
n-Butylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
tert-Butylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
sec-Butylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Carbon Disulfide	6.4		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Carbon Tetrachloride	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Chlorobenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Chlorodibromomethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Chloroethane	ND		ug/kg	5.7	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Chloroform	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Chloromethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
o-Chlorotoluene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
p-Chlorotoluene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,2-Dibromoethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Dibromomethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,2-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,3-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,4-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Dichlorodifluoromethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,1-Dichloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,2-Dichloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,1-Dichloroethene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,3-Dichloropropane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
2,2-Dichloropropane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,2-Dichloropropane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,1-Dichloropropene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Ethylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059003** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Hexachlorobutadiene	ND		ug/kg	5.7	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
2-Hexanone	ND		ug/kg	11.4	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Isopropylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
p-Isopropyltoluene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Methyl t-Butyl Ether	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	11.4	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Methylene Chloride	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Naphthalene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
n-Propylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Styrene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Tetrachloroethene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Toluene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Total Xylenes	ND		ug/kg	6.8	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,1,1-Trichloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,1,2-Trichloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Trichloroethene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Trichlorofluoromethane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,2,3-Trichloropropane	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Vinyl Chloride	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
o-Xylene	ND		ug/kg	2.3	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
mp-Xylene	ND		ug/kg	4.6	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	166	7	%	56-124	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
4-Bromofluorobenzene (S)	108		%	51-128	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Dibromofluoromethane (S)	107		%	62-123	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
Toluene-d8 (S)	98.5		%	59-131	8260/5035	8/18/11	JAH	8/20/11 04:14	DJB	A2
SEMIVOLATILES										
Acenaphthene	82.5		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Acenaphthylene	ND		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Anthracene	234		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Benzo(a)anthracene	792		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Benzo(a)pyrene	761		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Benzo(b)fluoranthene	674		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059003** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	310		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Benzo(k)fluoranthene	719		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
4-Bromophenyl-phenylether	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Butylbenzylphthalate	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Carbazole	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
4-Chloroaniline	ND		ug/kg	319	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
bis(2-Chloroethoxy)methane	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
bis(2-Chloroethyl)ether	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
bis(2-Chloroisopropyl)ether	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
2-Chloronaphthalene	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
4-Chlorophenyl-phenylether	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Chrysene	811		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Di-n-Butylphthalate	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Di-n-Octylphthalate	ND		ug/kg	319	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Dibenzo(a,h)anthracene	120		ug/kg	70.9	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Dibenzofuran	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
1,2-Dichlorobenzene	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
1,3-Dichlorobenzene	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
1,4-Dichlorobenzene	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
3,3-Dichlorobenzidine	ND		ug/kg	638	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Diethylphthalate	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Dimethylphthalate	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
2,4-Dinitrotoluene	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
2,6-Dinitrotoluene	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
bis(2-Ethylhexyl)phthalate	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Fluoranthene	1710		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Fluorene	91.2		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Hexachlorobenzene	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Hexachlorobutadiene	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Hexachlorocyclopentadiene	ND		ug/kg	319	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Hexachloroethane	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Indeno(1,2,3-cd)pyrene	310		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Isophorone	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
2-Methylnaphthalene	ND		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Naphthalene	71.0		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
2-Nitroaniline	ND		ug/kg	319	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
3-Nitroaniline	ND		ug/kg	319	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
4-Nitroaniline	ND		ug/kg	319	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Nitrobenzene	ND		ug/kg	142	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
N-Nitroso-di-n-propylamine	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
N-Nitrosodiphenylamine	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059003** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Phenanthrene	1080		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Pyrene	1620		ug/kg	59.1	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
1,2,4-Trichlorobenzene	ND		ug/kg	118	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	53.8		%	37-123	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
2-Fluorobiphenyl (S)	79.8		%	45-105	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
2-Fluorophenol (S)	58.4		%	35-104	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Nitrobenzene-d5 (S)	83.6		%	41-110	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Phenol-d5 (S)	62.5		%	40-100	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
Terphenyl-d14 (S)	91		%	38-113	SW846 8270D	8/22/11	SMD	8/23/11 09:06	CGS	A9
PCBs										
Total Polychlorinated Biphenyl	0.12		mg/kg	0.039	SW846 8082A	8/18/11	LEH	8/23/11 00:20	KJH	A4
Aroclor-1016	ND		mg/kg	0.039	SW846 8082A	8/18/11	LEH	8/23/11 00:20	KJH	A4
Aroclor-1221	ND		mg/kg	0.039	SW846 8082A	8/18/11	LEH	8/23/11 00:20	KJH	A4
Aroclor-1232	ND		mg/kg	0.039	SW846 8082A	8/18/11	LEH	8/23/11 00:20	KJH	A4
Aroclor-1242	ND		mg/kg	0.039	SW846 8082A	8/18/11	LEH	8/23/11 00:20	KJH	A4
Aroclor-1248	ND		mg/kg	0.039	SW846 8082A	8/18/11	LEH	8/23/11 00:20	KJH	A4
Aroclor-1254	0.12		mg/kg	0.039	SW846 8082A	8/18/11	LEH	8/23/11 00:20	KJH	A4
Aroclor-1260	ND		mg/kg	0.039	SW846 8082A	8/18/11	LEH	8/23/11 00:20	KJH	A4
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	74.2		%	46-120	SW846 8082A	8/18/11	LEH	8/23/11 00:20	KJH	A4
Tetrachloro-m-xylene (S)	74.8		%	52-115	SW846 8082A	8/18/11	LEH	8/23/11 00:20	KJH	A4
PESTICIDES										
Aldrin	ND		ug/kg	10.1	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
alpha-BHC	ND		ug/kg	10.1	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
beta-BHC	ND		ug/kg	10.1	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
delta-BHC	ND		ug/kg	10.1	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
gamma-BHC	ND		ug/kg	10.1	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
alpha-Chlordane	ND		ug/kg	10.1	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
gamma-Chlordane	ND		ug/kg	10.1	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
4,4'-DDD	ND		ug/kg	19.7	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
4,4'-DDE	ND		ug/kg	19.7	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
4,4'-DDT	22.0		ug/kg	19.7	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Dieldrin	ND		ug/kg	19.7	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Endosulfan I	ND		ug/kg	10.1	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Endosulfan II	ND		ug/kg	19.7	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Endosulfan Sulfate	ND		ug/kg	19.7	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059003** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Endrin	ND		ug/kg	19.7	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Endrin Aldehyde	ND		ug/kg	19.7	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Endrin Ketone	ND		ug/kg	19.7	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Heptachlor	ND		ug/kg	10.1	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Heptachlor Epoxide	ND		ug/kg	10.1	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Methoxychlor	ND		ug/kg	19.7	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Mirex	ND		ug/kg	19.7	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Toxaphene	ND		ug/kg	418	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	71.2		%	30-117	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
Tetrachloro-m-xylene (S)	55.6		%	30-89	SW846 8081B	8/18/11	LEH	8/20/11 08:26	KJH	A5
WET CHEMISTRY										
Moisture	16.2		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
Total Solids	83.8		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
METALS										
Aluminum, Total	9510	2	mg/kg	10.8	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Antimony, Total	ND		mg/kg	2.2	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Arsenic, Total	4.5		mg/kg	2.2	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Barium, Total	118	6	mg/kg	1.1	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Beryllium, Total	ND		mg/kg	1.1	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Cadmium, Total	ND		mg/kg	0.54	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Calcium, Total	20400	3	mg/kg	10.8	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Chromium, Total	23.7	6	mg/kg	1.1	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Cobalt, Total	5.7		mg/kg	1.1	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Copper, Total	59.1		mg/kg	2.2	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Iron, Total	17400		mg/kg	10.8	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Lead, Total	194	6	mg/kg	2.2	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Magnesium, Total	2340		mg/kg	10.8	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059003** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Manganese, Total	282		mg/kg	1.1	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Mercury, Total	2.8		mg/kg	0.47	SW846 7471B	8/23/11	MNP	8/23/11 13:43	MNP	A7
Nickel, Total	16.8		mg/kg	2.2	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Potassium, Total	1140	6	mg/kg	54.2	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Selenium, Total	ND		mg/kg	5.4	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Silver, Total	ND		mg/kg	0.54	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Sodium, Total	98.5		mg/kg	54.2	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Thallium, Total	ND		mg/kg	3.3	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Vanadium, Total	27.0	6	mg/kg	1.1	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8
Zinc, Total	151	6	mg/kg	2.2	SW846 6010C	8/22/11	KMK	8/22/11 13:44	MWO	A8

Sample Comments:

This sample was analyzed at a dilution in the 8081 Pesticide analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

One or more of the method 8260 surrogates were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059004** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	309		ug/kg	12.7	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Benzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Bromobenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Bromochloromethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Bromodichloromethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Bromoform	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Bromomethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
2-Butanone	65.6		ug/kg	12.7	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
n-Butylbenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
tert-Butylbenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
sec-Butylbenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Carbon Disulfide	3.5		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Carbon Tetrachloride	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Chlorobenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Chlorodibromomethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Chloroethane	ND		ug/kg	6.4	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Chloroform	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Chloromethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
o-Chlorotoluene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
p-Chlorotoluene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,2-Dibromoethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Dibromomethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,2-Dichlorobenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,3-Dichlorobenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,4-Dichlorobenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Dichlorodifluoromethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,1-Dichloroethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,2-Dichloroethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,1-Dichloroethene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,3-Dichloropropane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
2,2-Dichloropropane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,2-Dichloropropane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,1-Dichloropropene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Ethylbenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059004** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Hexachlorobutadiene	ND		ug/kg	6.4	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
2-Hexanone	ND		ug/kg	12.7	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Isopropylbenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
p-Isopropyltoluene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Methyl t-Butyl Ether	8.5		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	12.7	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Methylene Chloride	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Naphthalene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
n-Propylbenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Styrene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Tetrachloroethene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Toluene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Total Xylenes	ND		ug/kg	7.6	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,1,1-Trichloroethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,1,2-Trichloroethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Trichloroethene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Trichlorofluoromethane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,2,3-Trichloropropane	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Vinyl Chloride	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
o-Xylene	ND		ug/kg	2.5	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
mp-Xylene	ND		ug/kg	5.1	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	151	10	%	56-124	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
4-Bromofluorobenzene (S)	168	12	%	51-128	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Dibromofluoromethane (S)	131	9	%	62-123	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2
Toluene-d8 (S)	144	11	%	59-131	8260/5035	8/18/11	JAH	8/20/11 04:43	DJB	A2

SEMIVOLATILES

Acenaphthene	88.7		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Acenaphthylene	ND		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Anthracene	186		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Benzo(a)anthracene	695		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Benzo(a)pyrene	687		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Benzo(b)fluoranthene	726		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059004** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	173		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Benzo(k)fluoranthene	748		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
4-Bromophenyl-phenylether	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Butylbenzylphthalate	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Carbazole	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
4-Chloroaniline	ND		ug/kg	346	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
bis(2-Chloroethoxy)methane	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
bis(2-Chloroethyl)ether	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
bis(2-Chloroisopropyl)ether	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
2-Chloronaphthalene	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
4-Chlorophenyl-phenylether	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Chrysene	774		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Di-n-Butylphthalate	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Di-n-Octylphthalate	ND		ug/kg	346	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Dibenzo(a,h)anthracene	80.9		ug/kg	76.9	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Dibenzofuran	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
1,2-Dichlorobenzene	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
1,3-Dichlorobenzene	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
1,4-Dichlorobenzene	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
3,3-Dichlorobenzidine	ND		ug/kg	692	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Diethylphthalate	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Dimethylphthalate	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
2,4-Dinitrotoluene	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
2,6-Dinitrotoluene	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
bis(2-Ethylhexyl)phthalate	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Fluoranthene	1540		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Fluorene	98.7		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Hexachlorobenzene	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Hexachlorobutadiene	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Hexachlorocyclopentadiene	ND		ug/kg	346	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Hexachloroethane	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Indeno(1,2,3-cd)pyrene	191		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Isophorone	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
2-Methylnaphthalene	ND		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Naphthalene	98.1		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
2-Nitroaniline	ND		ug/kg	346	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
3-Nitroaniline	ND		ug/kg	346	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
4-Nitroaniline	ND		ug/kg	346	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Nitrobenzene	ND		ug/kg	154	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
N-Nitroso-di-n-propylamine	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
N-Nitrosodiphenylamine	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059004** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Phenanthrene	892		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Pyrene	1320		ug/kg	64.0	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
1,2,4-Trichlorobenzene	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	54.8		%	37-123	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
2-Fluorobiphenyl (S)	65.4		%	45-105	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
2-Fluorophenol (S)	55.9		%	35-104	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Nitrobenzene-d5 (S)	68.4		%	41-110	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Phenol-d5 (S)	61.7		%	40-100	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
Terphenyl-d14 (S)	75.5		%	38-113	SW846 8270D	8/23/11	SMD	8/24/11 04:42	CGS	A7
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.043	SW846 8082A	8/18/11	LEH	8/23/11 00:35	KJH	A3
Aroclor-1016	ND		mg/kg	0.043	SW846 8082A	8/18/11	LEH	8/23/11 00:35	KJH	A3
Aroclor-1221	ND		mg/kg	0.043	SW846 8082A	8/18/11	LEH	8/23/11 00:35	KJH	A3
Aroclor-1232	ND		mg/kg	0.043	SW846 8082A	8/18/11	LEH	8/23/11 00:35	KJH	A3
Aroclor-1242	ND		mg/kg	0.043	SW846 8082A	8/18/11	LEH	8/23/11 00:35	KJH	A3
Aroclor-1248	ND		mg/kg	0.043	SW846 8082A	8/18/11	LEH	8/23/11 00:35	KJH	A3
Aroclor-1254	ND		mg/kg	0.043	SW846 8082A	8/18/11	LEH	8/23/11 00:35	KJH	A3
Aroclor-1260	ND		mg/kg	0.043	SW846 8082A	8/18/11	LEH	8/23/11 00:35	KJH	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	84.2		%	46-120	SW846 8082A	8/18/11	LEH	8/23/11 00:35	KJH	A3
Tetrachloro-m-xylene (S)	105		%	52-115	SW846 8082A	8/18/11	LEH	8/23/11 00:35	KJH	A3
PESTICIDES										
Aldrin	ND		ug/kg	11.1	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
alpha-BHC	ND		ug/kg	11.1	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
beta-BHC	ND		ug/kg	11.1	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
delta-BHC	ND		ug/kg	11.1	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
gamma-BHC	ND		ug/kg	11.1	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
alpha-Chlordane	ND		ug/kg	11.1	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
gamma-Chlordane	ND		ug/kg	11.1	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
4,4'-DDD	ND		ug/kg	21.5	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
4,4'-DDE	ND		ug/kg	21.5	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
4,4'-DDT	ND		ug/kg	21.5	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Dieldrin	ND		ug/kg	21.5	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Endosulfan I	ND		ug/kg	11.1	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Endosulfan II	ND		ug/kg	21.5	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Endosulfan Sulfate	ND		ug/kg	21.5	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059004** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Endrin	ND		ug/kg	21.5	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Endrin Aldehyde	ND		ug/kg	21.5	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Endrin Ketone	ND		ug/kg	21.5	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Heptachlor	ND		ug/kg	11.1	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Heptachlor Epoxide	ND		ug/kg	11.1	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Methoxychlor	ND		ug/kg	21.5	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Mirex	ND		ug/kg	21.5	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Toxaphene	ND		ug/kg	456	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	89.3		%	30-117	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
Tetrachloro-m-xylene (S)	73		%	30-89	SW846 8081B	8/18/11	LEH	8/20/11 02:27	KJH	A4
WET CHEMISTRY										
Moisture	23.2		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
Total Solids	76.8		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
METALS										
Aluminum, Total	11300	2	mg/kg	12.5	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Antimony, Total	ND		mg/kg	2.5	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Arsenic, Total	7.8		mg/kg	2.5	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Barium, Total	148		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Beryllium, Total	ND		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Cadmium, Total	ND		mg/kg	0.63	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Calcium, Total	4560	3	mg/kg	12.5	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Chromium, Total	40.1		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Cobalt, Total	6.7		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Copper, Total	59.5		mg/kg	2.5	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Iron, Total	20400		mg/kg	12.5	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Lead, Total	263		mg/kg	2.5	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Magnesium, Total	2570		mg/kg	12.5	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059004** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B2 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Manganese, Total	346		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Mercury, Total	4.6	8	mg/kg	0.49	SW846 7471B	8/23/11	MNP	8/23/11 13:44	MNP	A5
Nickel, Total	17.9		mg/kg	2.5	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Potassium, Total	1170		mg/kg	62.6	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Selenium, Total	ND		mg/kg	6.3	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Silver, Total	ND		mg/kg	0.63	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Sodium, Total	170		mg/kg	62.6	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Thallium, Total	ND		mg/kg	3.8	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Vanadium, Total	27.0		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6
Zinc, Total	183		mg/kg	2.5	SW846 6010C	8/22/11	KMK	8/22/11 13:57	MWO	A6

Sample Comments:

This sample was analyzed at a dilution in the 8081 Pesticide analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

One or more of the method 8260 internal standards were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

One or more of the method 8260 surrogates were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059005** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	79.1		ug/kg	7.1	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Benzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Bromobenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Bromochloromethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Bromodichloromethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Bromoform	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Bromomethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
2-Butanone	ND		ug/kg	7.1	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
n-Butylbenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
tert-Butylbenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
sec-Butylbenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Carbon Disulfide	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Carbon Tetrachloride	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Chlorobenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Chlorodibromomethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Chloroethane	ND		ug/kg	3.6	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Chloroform	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Chloromethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
o-Chlorotoluene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
p-Chlorotoluene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,2-Dibromoethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Dibromomethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,2-Dichlorobenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,3-Dichlorobenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,4-Dichlorobenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Dichlorodifluoromethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,1-Dichloroethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,2-Dichloroethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,1-Dichloroethene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
cis-1,2-Dichloroethene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
trans-1,2-Dichloroethene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,3-Dichloropropane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
2,2-Dichloropropane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,2-Dichloropropane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,1-Dichloropropene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
cis-1,3-Dichloropropene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
trans-1,3-Dichloropropene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Ethylbenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059005** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Hexachlorobutadiene	ND		ug/kg	3.6	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
2-Hexanone	ND		ug/kg	7.1	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Isopropylbenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
p-Isopropyltoluene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Methyl t-Butyl Ether	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	7.1	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Methylene Chloride	3.6		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Naphthalene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
n-Propylbenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Styrene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Tetrachloroethene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Toluene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Total Xylenes	ND		ug/kg	4.3	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,1,1-Trichloroethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,1,2-Trichloroethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Trichloroethene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Trichlorofluoromethane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,2,3-Trichloropropane	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,2,4-Trimethylbenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
1,3,5-Trimethylbenzene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Vinyl Chloride	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
o-Xylene	ND		ug/kg	1.4	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
mp-Xylene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	115		%	56-124	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
4-Bromofluorobenzene (S)	82.3		%	51-128	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Dibromofluoromethane (S)	96.9		%	62-123	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
Toluene-d8 (S)	80.7		%	59-131	8260/5035	8/18/11	DD	8/24/11 03:53	DD	A3
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Acenaphthylene	ND		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Anthracene	ND		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Benzo(a)anthracene	191		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Benzo(a)pyrene	199		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Benzo(b)fluoranthene	163		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059005** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	66.7		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Benzo(k)fluoranthene	198		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
4-Bromophenyl-phenylether	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Butylbenzylphthalate	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Carbazole	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
4-Chloroaniline	ND		ug/kg	287	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
bis(2-Chloroethoxy)methane	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
bis(2-Chloroethyl)ether	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
bis(2-Chloroisopropyl)ether	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
2-Chloronaphthalene	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
4-Chlorophenyl-phenylether	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Chrysene	208		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Di-n-Butylphthalate	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Di-n-Octylphthalate	ND		ug/kg	287	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Dibenzo(a,h)anthracene	ND		ug/kg	63.8	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Dibenzofuran	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
1,2-Dichlorobenzene	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
1,3-Dichlorobenzene	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
1,4-Dichlorobenzene	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
3,3-Dichlorobenzidine	ND		ug/kg	574	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Diethylphthalate	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Dimethylphthalate	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
2,4-Dinitrotoluene	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
2,6-Dinitrotoluene	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
bis(2-Ethylhexyl)phthalate	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Fluoranthene	452		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Fluorene	ND		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Hexachlorobenzene	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Hexachlorobutadiene	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Hexachlorocyclopentadiene	ND		ug/kg	287	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Hexachloroethane	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Indeno(1,2,3-cd)pyrene	69.8		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Isophorone	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
2-Methylnaphthalene	ND		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Naphthalene	ND		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
2-Nitroaniline	ND		ug/kg	287	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
3-Nitroaniline	ND		ug/kg	287	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
4-Nitroaniline	ND		ug/kg	287	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Nitrobenzene	ND		ug/kg	128	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
N-Nitroso-di-n-propylamine	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
N-Nitrosodiphenylamine	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059005** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Phenanthrene	283		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Pyrene	393		ug/kg	53.1	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
1,2,4-Trichlorobenzene	ND		ug/kg	106	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	57.5		%	37-123	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
2-Fluorobiphenyl (S)	69.7		%	45-105	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
2-Fluorophenol (S)	61.8		%	35-104	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Nitrobenzene-d5 (S)	72.8		%	41-110	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Phenol-d5 (S)	67.4		%	40-100	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
Terphenyl-d14 (S)	82.3		%	38-113	SW846 8270D	8/23/11	SMD	8/24/11 03:06	CGS	A7
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.036	SW846 8082A	8/18/11	LEH	8/23/11 00:50	KJH	A3
Aroclor-1016	ND		mg/kg	0.036	SW846 8082A	8/18/11	LEH	8/23/11 00:50	KJH	A3
Aroclor-1221	ND		mg/kg	0.036	SW846 8082A	8/18/11	LEH	8/23/11 00:50	KJH	A3
Aroclor-1232	ND		mg/kg	0.036	SW846 8082A	8/18/11	LEH	8/23/11 00:50	KJH	A3
Aroclor-1242	ND		mg/kg	0.036	SW846 8082A	8/18/11	LEH	8/23/11 00:50	KJH	A3
Aroclor-1248	ND		mg/kg	0.036	SW846 8082A	8/18/11	LEH	8/23/11 00:50	KJH	A3
Aroclor-1254	ND		mg/kg	0.036	SW846 8082A	8/18/11	LEH	8/23/11 00:50	KJH	A3
Aroclor-1260	ND		mg/kg	0.036	SW846 8082A	8/18/11	LEH	8/23/11 00:50	KJH	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	88.6		%	46-120	SW846 8082A	8/18/11	LEH	8/23/11 00:50	KJH	A3
Tetrachloro-m-xylene (S)	104		%	52-115	SW846 8082A	8/18/11	LEH	8/23/11 00:50	KJH	A3
PESTICIDES										
Aldrin	ND		ug/kg	9.2	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
alpha-BHC	ND		ug/kg	9.2	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
beta-BHC	ND		ug/kg	9.2	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
delta-BHC	ND		ug/kg	9.2	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
gamma-BHC	ND		ug/kg	9.2	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
alpha-Chlordane	ND		ug/kg	9.2	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
gamma-Chlordane	ND		ug/kg	9.2	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
4,4'-DDD	ND		ug/kg	17.9	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
4,4'-DDE	ND		ug/kg	17.9	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
4,4'-DDT	ND		ug/kg	17.9	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Dieldrin	ND		ug/kg	17.9	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Endosulfan I	ND		ug/kg	9.2	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Endosulfan II	ND		ug/kg	17.9	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Endosulfan Sulfate	ND		ug/kg	17.9	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059005** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Endrin	ND		ug/kg	17.9	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Endrin Aldehyde	ND		ug/kg	17.9	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Endrin Ketone	ND		ug/kg	17.9	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Heptachlor	ND		ug/kg	9.2	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Heptachlor Epoxide	ND		ug/kg	9.2	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Methoxychlor	ND		ug/kg	17.9	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Mirex	ND		ug/kg	17.9	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Toxaphene	ND		ug/kg	379	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	83.8		%	30-117	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
Tetrachloro-m-xylene (S)	76.9		%	30-89	SW846 8081B	8/18/11	LEH	8/20/11 03:27	KJH	A4
WET CHEMISTRY										
Moisture	9.5		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
Total Solids	90.5		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
METALS										
Aluminum, Total	6340	2	mg/kg	10.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Antimony, Total	ND		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Arsenic, Total	4.2		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Barium, Total	202		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Beryllium, Total	ND		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Cadmium, Total	ND		mg/kg	0.50	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Calcium, Total	1850	3	mg/kg	10.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Chromium, Total	14.3		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Cobalt, Total	5.4		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Copper, Total	46.3		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Iron, Total	14200		mg/kg	10.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Lead, Total	413		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Magnesium, Total	2120		mg/kg	10.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059005** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Manganese, Total	239		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Mercury, Total	0.41		mg/kg	0.21	SW846 7471B	8/23/11	MNP	8/23/11 13:16	MNP	A5
Nickel, Total	20.5		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Potassium, Total	745		mg/kg	50.2	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Selenium, Total	ND		mg/kg	5.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Silver, Total	ND		mg/kg	0.50	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Sodium, Total	51.0		mg/kg	50.2	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Thallium, Total	ND		mg/kg	3.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Vanadium, Total	24.3		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6
Zinc, Total	234		mg/kg	2.0	SW846 6010C	8/22/11	KMK	8/22/11 14:09	MWO	A6

Sample Comments:

This sample was analyzed at a dilution in the 8081 Pesticide analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059006** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	326		ug/kg	14.0	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Benzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Bromobenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Bromochloromethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Bromodichloromethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Bromoform	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Bromomethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
2-Butanone	58.4		ug/kg	14.0	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
n-Butylbenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
tert-Butylbenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
sec-Butylbenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Carbon Disulfide	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Carbon Tetrachloride	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Chlorobenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Chlorodibromomethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Chloroethane	ND		ug/kg	7.0	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Chloroform	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Chloromethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
o-Chlorotoluene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
p-Chlorotoluene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,2-Dibromoethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Dibromomethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,2-Dichlorobenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,3-Dichlorobenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,4-Dichlorobenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Dichlorodifluoromethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,1-Dichloroethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,2-Dichloroethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,1-Dichloroethene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,3-Dichloropropane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
2,2-Dichloropropane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,2-Dichloropropane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,1-Dichloropropene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Ethylbenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059006** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Hexachlorobutadiene	ND		ug/kg	7.0	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
2-Hexanone	ND		ug/kg	14.0	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Isopropylbenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
p-Isopropyltoluene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Methyl t-Butyl Ether	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	14.0	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Methylene Chloride	24.3		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Naphthalene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
n-Propylbenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Styrene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Tetrachloroethene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Toluene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Total Xylenes	ND		ug/kg	8.4	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,2,3-Trichlorobenzene	ND		ug/kg	7.0	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,2,4-Trichlorobenzene	ND		ug/kg	7.0	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,1,1-Trichloroethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,1,2-Trichloroethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Trichloroethene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Trichlorofluoromethane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,2,3-Trichloropropane	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Vinyl Chloride	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
o-Xylene	ND		ug/kg	2.8	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
mp-Xylene	ND		ug/kg	5.6	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	190	14	%	56-124	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
4-Bromofluorobenzene (S)	168	12	%	51-128	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Dibromofluoromethane (S)	155	13	%	62-123	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
Toluene-d8 (S)	159	15	%	59-131	8260/5035	8/18/11	DD	8/23/11 06:00	DJB	A2
SEMIVOLATILES										
Acenaphthene	92.4		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Acenaphthylene	85.8		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Anthracene	350		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Benzo(a)anthracene	1520		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Benzo(a)pyrene	1610		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Benzo(b)fluoranthene	1570		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059006** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	377		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Benzo(k)fluoranthene	1910		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
4-Bromophenyl-phenylether	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Butylbenzylphthalate	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Carbazole	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
4-Chloroaniline	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
bis(2-Chloroethoxy)methane	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
bis(2-Chloroethyl)ether	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
bis(2-Chloroisopropyl)ether	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
2-Chloronaphthalene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
4-Chlorophenyl-phenylether	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Chrysene	1690		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Di-n-Butylphthalate	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Di-n-Octylphthalate	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Dibenzo(a,h)anthracene	176		ug/kg	88.2	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Dibenzofuran	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
1,2-Dichlorobenzene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
1,3-Dichlorobenzene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
1,4-Dichlorobenzene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
3,3-Dichlorobenzidine	ND		ug/kg	794	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Diethylphthalate	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Dimethylphthalate	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
2,4-Dinitrotoluene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
2,6-Dinitrotoluene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
bis(2-Ethylhexyl)phthalate	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Fluoranthene	3260		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Fluorene	138		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Hexachlorobenzene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Hexachlorobutadiene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Hexachlorocyclopentadiene	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Hexachloroethane	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Indeno(1,2,3-cd)pyrene	437		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Isophorone	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
2-Methylnaphthalene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Naphthalene	79.0		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
2-Nitroaniline	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
3-Nitroaniline	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
4-Nitroaniline	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Nitrobenzene	ND		ug/kg	176	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
N-Nitroso-di-n-propylamine	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
N-Nitrosodiphenylamine	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059006** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Phenanthrene	1530		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Pyrene	2710		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
1,2,4-Trichlorobenzene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	62.7		%	37-123	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
2-Fluorobiphenyl (S)	71.4		%	45-105	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
2-Fluorophenol (S)	60.3		%	35-104	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Nitrobenzene-d5 (S)	75		%	41-110	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Phenol-d5 (S)	68.2		%	40-100	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
Terphenyl-d14 (S)	85.7		%	38-113	SW846 8270D	8/23/11	SMD	8/24/11 05:14	CGS	A7
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:05	KJH	A3
Aroclor-1016	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:05	KJH	A3
Aroclor-1221	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:05	KJH	A3
Aroclor-1232	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:05	KJH	A3
Aroclor-1242	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:05	KJH	A3
Aroclor-1248	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:05	KJH	A3
Aroclor-1254	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:05	KJH	A3
Aroclor-1260	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:05	KJH	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	99.6		%	46-120	SW846 8082A	8/18/11	LEH	8/23/11 01:05	KJH	A3
Tetrachloro-m-xylene (S)	94.3		%	52-115	SW846 8082A	8/18/11	LEH	8/23/11 01:05	KJH	A3
PESTICIDES										
Aldrin	ND		ug/kg	12.5	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
alpha-BHC	ND		ug/kg	12.5	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
beta-BHC	ND		ug/kg	12.5	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
delta-BHC	ND		ug/kg	12.5	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
gamma-BHC	ND		ug/kg	12.5	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
alpha-Chlordane	ND		ug/kg	12.5	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
gamma-Chlordane	ND		ug/kg	12.5	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
4,4'-DDD	ND		ug/kg	24.2	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
4,4'-DDE	ND		ug/kg	24.2	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
4,4'-DDT	ND		ug/kg	24.2	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Dieldrin	ND		ug/kg	24.2	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Endosulfan I	ND		ug/kg	12.5	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Endosulfan II	ND		ug/kg	24.2	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Endosulfan Sulfate	ND		ug/kg	24.2	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059006** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Endrin	ND		ug/kg	24.2	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Endrin Aldehyde	ND		ug/kg	24.2	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Endrin Ketone	ND		ug/kg	24.2	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Heptachlor	ND		ug/kg	12.5	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Heptachlor Epoxide	ND		ug/kg	12.5	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Methoxychlor	ND		ug/kg	24.2	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Mirex	ND		ug/kg	24.2	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Toxaphene	ND		ug/kg	514	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	93.2		%	30-117	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
Tetrachloro-m-xylene (S)	79.9		%	30-89	SW846 8081B	8/18/11	LEH	8/20/11 01:28	KJH	A4
WET CHEMISTRY										
Moisture	32.4		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
Total Solids	67.6		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
METALS										
Aluminum, Total	20200	2	mg/kg	13.0	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Antimony, Total	6.8		mg/kg	2.6	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Arsenic, Total	16.7		mg/kg	2.6	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Barium, Total	225		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Beryllium, Total	ND		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Cadmium, Total	1.1		mg/kg	0.65	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Calcium, Total	9260	3	mg/kg	13.0	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Chromium, Total	106		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Cobalt, Total	9.7		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Copper, Total	167		mg/kg	2.6	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Iron, Total	26700		mg/kg	13.0	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Lead, Total	446		mg/kg	2.6	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Magnesium, Total	3800		mg/kg	13.0	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059006** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B3 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Manganese, Total	505		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Mercury, Total	1.0		mg/kg	0.27	SW846 7471B	8/23/11	MNP	8/23/11 13:17	MNP	A5
Nickel, Total	26.1		mg/kg	2.6	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Potassium, Total	1860		mg/kg	64.9	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Selenium, Total	ND		mg/kg	6.5	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Silver, Total	1.1		mg/kg	0.65	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Sodium, Total	231		mg/kg	64.9	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Thallium, Total	ND		mg/kg	3.9	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Vanadium, Total	38.9		mg/kg	1.3	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6
Zinc, Total	481		mg/kg	2.6	SW846 6010C	8/22/11	KMK	8/22/11 14:12	MWO	A6

Sample Comments:

This sample was analyzed at a dilution in the 8081 Pesticide analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

One or more of the method 8260 internal standards were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

One or more of the method 8260 surrogates were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

Anna G Milliken
Technical Manager

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059007** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	183		ug/kg	11.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Benzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Bromobenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Bromochloromethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Bromodichloromethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Bromoform	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Bromomethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
2-Butanone	ND		ug/kg	11.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
n-Butylbenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
tert-Butylbenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
sec-Butylbenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Carbon Disulfide	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Carbon Tetrachloride	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Chlorobenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Chlorodibromomethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Chloroethane	ND		ug/kg	5.6	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Chloroform	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Chloromethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
o-Chlorotoluene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
p-Chlorotoluene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,2-Dibromoethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Dibromomethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,2-Dichlorobenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,3-Dichlorobenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,4-Dichlorobenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Dichlorodifluoromethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,1-Dichloroethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,2-Dichloroethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,1-Dichloroethene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,3-Dichloropropane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
2,2-Dichloropropane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,2-Dichloropropane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,1-Dichloropropene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Ethylbenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059007** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Hexachlorobutadiene	ND		ug/kg	5.6	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
2-Hexanone	ND		ug/kg	11.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Isopropylbenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
p-Isopropyltoluene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Methyl t-Butyl Ether	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	11.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Methylene Chloride	4.3		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Naphthalene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
n-Propylbenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Styrene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Tetrachloroethene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Toluene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Total Xylenes	ND		ug/kg	6.7	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,1,1-Trichloroethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,1,2-Trichloroethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Trichloroethene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Trichlorofluoromethane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,2,3-Trichloropropane	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Vinyl Chloride	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
o-Xylene	ND		ug/kg	2.2	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
mp-Xylene	ND		ug/kg	4.5	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	138	18	%	56-124	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
4-Bromofluorobenzene (S)	124		%	51-128	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Dibromofluoromethane (S)	112		%	62-123	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2
Toluene-d8 (S)	106		%	59-131	8260/5035	8/18/11	DD	8/23/11 06:29	DJB	A2

SEMIVOLATILES

Acenaphthene	ND		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Acenaphthylene	ND		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Anthracene	1320		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Benzo(a)anthracene	4420		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Benzo(a)pyrene	4260		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Benzo(b)fluoranthene	4260		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059007** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	1340		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Benzo(k)fluoranthene	4610		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
4-Bromophenyl-phenylether	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Butylbenzylphthalate	8260		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Carbazole	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
4-Chloroaniline	ND		ug/kg	3120	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
bis(2-Chloroethoxy)methane	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
bis(2-Chloroethyl)ether	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
bis(2-Chloroisopropyl)ether	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
2-Chloronaphthalene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
4-Chlorophenyl-phenylether	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Chrysene	4470		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Di-n-Butylphthalate	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Di-n-Octylphthalate	ND		ug/kg	3120	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Dibenzo(a,h)anthracene	ND		ug/kg	693	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Dibenzofuran	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
1,2-Dichlorobenzene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
1,3-Dichlorobenzene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
1,4-Dichlorobenzene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
3,3-Dichlorobenzidine	ND		ug/kg	6240	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Diethylphthalate	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Dimethylphthalate	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
2,4-Dinitrotoluene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
2,6-Dinitrotoluene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
bis(2-Ethylhexyl)phthalate	1240		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Fluoranthene	9700		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Fluorene	ND		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Hexachlorobenzene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Hexachlorobutadiene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Hexachlorocyclopentadiene	ND		ug/kg	3120	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Hexachloroethane	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Indeno(1,2,3-cd)pyrene	1310		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Isophorone	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
2-Methylnaphthalene	ND		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Naphthalene	ND		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
2-Nitroaniline	ND		ug/kg	3120	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
3-Nitroaniline	ND		ug/kg	3120	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
4-Nitroaniline	ND		ug/kg	3120	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Nitrobenzene	ND		ug/kg	1390	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
N-Nitroso-di-n-propylamine	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
N-Nitrosodiphenylamine	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059007** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Phenanthrene	6480		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Pyrene	8850		ug/kg	577	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
1,2,4-Trichlorobenzene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	60		%	37-123	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
2-Fluorobiphenyl (S)	65.2		%	45-105	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
2-Fluorophenol (S)	65.4		%	35-104	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Nitrobenzene-d5 (S)	62.6		%	41-110	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Phenol-d5 (S)	67.4		%	40-100	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
Terphenyl-d14 (S)	73.4		%	38-113	SW846 8270D	8/23/11	SMD	8/25/11 10:03	CGS	A7
PCBs										
Total Polychlorinated Biphenyl	0.065		mg/kg	0.038	SW846 8082A	8/18/11	LEH	8/23/11 01:20	KJH	A3
Aroclor-1016	ND		mg/kg	0.038	SW846 8082A	8/18/11	LEH	8/23/11 01:20	KJH	A3
Aroclor-1221	ND		mg/kg	0.038	SW846 8082A	8/18/11	LEH	8/23/11 01:20	KJH	A3
Aroclor-1232	ND		mg/kg	0.038	SW846 8082A	8/18/11	LEH	8/23/11 01:20	KJH	A3
Aroclor-1242	ND		mg/kg	0.038	SW846 8082A	8/18/11	LEH	8/23/11 01:20	KJH	A3
Aroclor-1248	ND		mg/kg	0.038	SW846 8082A	8/18/11	LEH	8/23/11 01:20	KJH	A3
Aroclor-1254	ND		mg/kg	0.038	SW846 8082A	8/18/11	LEH	8/23/11 01:20	KJH	A3
Aroclor-1260	0.065		mg/kg	0.038	SW846 8082A	8/18/11	LEH	8/23/11 01:20	KJH	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	110		%	46-120	SW846 8082A	8/18/11	LEH	8/23/11 01:20	KJH	A3
Tetrachloro-m-xylene (S)	95.1		%	52-115	SW846 8082A	8/18/11	LEH	8/23/11 01:20	KJH	A3
PESTICIDES										
Aldrin	ND		ug/kg	9.9	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
alpha-BHC	ND		ug/kg	9.9	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
beta-BHC	ND		ug/kg	9.9	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
delta-BHC	ND		ug/kg	9.9	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
gamma-BHC	ND		ug/kg	9.9	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
alpha-Chlordane	20.2		ug/kg	9.9	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
gamma-Chlordane	20.4		ug/kg	9.9	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
4,4'-DDD	37.6	16	ug/kg	19.2	SW846 8081B	8/18/11	LEH	8/23/11 00:23	KJH	A4
4,4'-DDE	93.5		ug/kg	19.2	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
4,4'-DDT	120		ug/kg	19.2	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Dieldrin	55.1		ug/kg	19.2	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Endosulfan I	ND		ug/kg	9.9	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Endosulfan II	ND		ug/kg	19.2	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Endosulfan Sulfate	ND		ug/kg	19.2	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059007** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Endrin	ND		ug/kg	19.2	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Endrin Aldehyde	ND		ug/kg	19.2	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Endrin Ketone	ND		ug/kg	19.2	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Heptachlor	ND		ug/kg	9.9	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Heptachlor Epoxide	ND		ug/kg	9.9	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Methoxychlor	ND		ug/kg	19.2	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Mirex	ND		ug/kg	19.2	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Toxaphene	ND		ug/kg	407	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	142		%	30-117	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Tetrachloro-m-xylene (S)	70.7		%	30-89	SW846 8081B	8/18/11	LEH	8/20/11 07:56	KJH	A4
Decachlorobiphenyl (S)	121		%	30-117	SW846 8081B	8/18/11	LEH	8/23/11 00:23	KJH	A4
Tetrachloro-m-xylene (S)	54.2		%	30-89	SW846 8081B	8/18/11	LEH	8/23/11 00:23	KJH	A4
WET CHEMISTRY										
Moisture	14.0		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
Total Solids	86.0		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
METALS										
Aluminum, Total	9390	17	mg/kg	10.4	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Antimony, Total	3.5		mg/kg	2.1	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Arsenic, Total	5.1		mg/kg	2.1	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Barium, Total	316		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Beryllium, Total	ND		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Cadmium, Total	1.7		mg/kg	0.52	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Calcium, Total	11900	3	mg/kg	10.4	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Chromium, Total	18.7		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Cobalt, Total	6.4		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Copper, Total	50.0		mg/kg	2.1	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Iron, Total	16000		mg/kg	10.4	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Lead, Total	743		mg/kg	2.1	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059007** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Magnesium, Total	4190		mg/kg	10.4	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Manganese, Total	317		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Mercury, Total	0.60		mg/kg	0.21	SW846 7471B	8/23/11	MNP	8/23/11 13:18	MNP	A5
Nickel, Total	16.2		mg/kg	2.1	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Potassium, Total	1220		mg/kg	51.9	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Selenium, Total	ND		mg/kg	5.2	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Silver, Total	ND		mg/kg	0.52	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Sodium, Total	177		mg/kg	51.9	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Thallium, Total	ND		mg/kg	3.1	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Vanadium, Total	26.1		mg/kg	1.0	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6
Zinc, Total	458		mg/kg	2.1	SW846 6010C	8/22/11	KMK	8/22/11 14:16	MWO	A6

Sample Comments:

This sample was analyzed at a dilution in the 8081 Pesticide analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

One or more of the method 8260 internal standards were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

One or more of the method 8260 surrogates were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059008** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	282		ug/kg	13.4	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Benzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Bromobenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Bromochloromethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Bromodichloromethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Bromoform	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Bromomethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
2-Butanone	59.2		ug/kg	13.4	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
n-Butylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
tert-Butylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
sec-Butylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Carbon Disulfide	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Carbon Tetrachloride	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Chlorobenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Chlorodibromomethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Chloroethane	ND		ug/kg	6.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Chloroform	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Chloromethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
o-Chlorotoluene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
p-Chlorotoluene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,2-Dibromoethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Dibromomethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,2-Dichlorobenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,3-Dichlorobenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,4-Dichlorobenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Dichlorodifluoromethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,1-Dichloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,2-Dichloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,1-Dichloroethene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
cis-1,2-Dichloroethene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
trans-1,2-Dichloroethene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,3-Dichloropropane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
2,2-Dichloropropane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,2-Dichloropropane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,1-Dichloropropene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
cis-1,3-Dichloropropene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
trans-1,3-Dichloropropene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Ethylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059008** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Hexachlorobutadiene	ND		ug/kg	6.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
2-Hexanone	ND		ug/kg	13.4	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Isopropylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
p-Isopropyltoluene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Methyl t-Butyl Ether	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	13.4	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Methylene Chloride	15.4		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Naphthalene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
n-Propylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Styrene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Tetrachloroethene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Toluene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Total Xylenes	ND		ug/kg	8.1	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,1,1-Trichloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,1,2-Trichloroethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Trichloroethene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Trichlorofluoromethane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,2,3-Trichloropropane	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Vinyl Chloride	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
o-Xylene	ND		ug/kg	2.7	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
mp-Xylene	ND		ug/kg	5.4	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	112		%	56-124	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
4-Bromofluorobenzene (S)	92.9		%	51-128	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Dibromofluoromethane (S)	104		%	62-123	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3
Toluene-d8 (S)	88.8		%	59-131	8260/5035	8/18/11	TMP	8/24/11 19:31	TMP	A3

SEMIVOLATILES

Acenaphthene	ND		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Acenaphthylene	ND		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Anthracene	ND		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Benzo(a)anthracene	96.6		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Benzo(a)pyrene	87.6		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Benzo(b)fluoranthene	90.5		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059008** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	ND		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Benzo(k)fluoranthene	99.2		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
4-Bromophenyl-phenylether	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Butylbenzylphthalate	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Carbazole	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
4-Chloroaniline	ND		ug/kg	383	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
bis(2-Chloroethoxy)methane	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
bis(2-Chloroethyl)ether	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
bis(2-Chloroisopropyl)ether	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
2-Chloronaphthalene	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
4-Chlorophenyl-phenylether	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Chrysene	116		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Di-n-Butylphthalate	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Di-n-Octylphthalate	ND		ug/kg	383	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Dibenzo(a,h)anthracene	ND		ug/kg	85.1	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Dibenzofuran	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
1,2-Dichlorobenzene	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
1,3-Dichlorobenzene	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
1,4-Dichlorobenzene	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
3,3-Dichlorobenzidine	ND		ug/kg	766	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Diethylphthalate	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Dimethylphthalate	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
2,4-Dinitrotoluene	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
2,6-Dinitrotoluene	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
bis(2-Ethylhexyl)phthalate	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Fluoranthene	203		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Fluorene	ND		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Hexachlorobenzene	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Hexachlorobutadiene	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Hexachlorocyclopentadiene	ND		ug/kg	383	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Hexachloroethane	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Indeno(1,2,3-cd)pyrene	ND		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Isophorone	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
2-Methylnaphthalene	ND		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Naphthalene	ND		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
2-Nitroaniline	ND		ug/kg	383	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
3-Nitroaniline	ND		ug/kg	383	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
4-Nitroaniline	ND		ug/kg	383	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Nitrobenzene	ND		ug/kg	170	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
N-Nitroso-di-n-propylamine	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
N-Nitrosodiphenylamine	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059008** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Phenanthrene	145		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Pyrene	165		ug/kg	70.9	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
1,2,4-Trichlorobenzene	ND		ug/kg	142	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	30.3		%	37-123	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
2-Fluorobiphenyl (S)	37.9		%	45-105	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
2-Fluorophenol (S)	32.2		%	35-104	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Nitrobenzene-d5 (S)	39.3		%	41-110	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Phenol-d5 (S)	34.6		%	40-100	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
Terphenyl-d14 (S)	44.3		%	38-113	SW846 8270D	8/23/11	SMD	8/24/11 03:38	CGS	A7
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:35	KJH	A3
Aroclor-1016	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:35	KJH	A3
Aroclor-1221	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:35	KJH	A3
Aroclor-1232	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:35	KJH	A3
Aroclor-1242	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:35	KJH	A3
Aroclor-1248	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:35	KJH	A3
Aroclor-1254	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:35	KJH	A3
Aroclor-1260	ND		mg/kg	0.048	SW846 8082A	8/18/11	LEH	8/23/11 01:35	KJH	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	80.8		%	46-120	SW846 8082A	8/18/11	LEH	8/23/11 01:35	KJH	A3
Tetrachloro-m-xylene (S)	94.7		%	52-115	SW846 8082A	8/18/11	LEH	8/23/11 01:35	KJH	A3
PESTICIDES										
Aldrin	ND		ug/kg	12.3	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
alpha-BHC	ND		ug/kg	12.3	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
beta-BHC	ND		ug/kg	12.3	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
delta-BHC	ND		ug/kg	12.3	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
gamma-BHC	ND		ug/kg	12.3	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
alpha-Chlordane	ND		ug/kg	12.3	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
gamma-Chlordane	ND		ug/kg	12.3	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
4,4'-DDD	ND		ug/kg	23.9	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
4,4'-DDE	ND		ug/kg	23.9	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
4,4'-DDT	ND		ug/kg	23.9	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Dieldrin	ND		ug/kg	23.9	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Endosulfan I	ND		ug/kg	12.3	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Endosulfan II	ND		ug/kg	23.9	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Endosulfan Sulfate	ND		ug/kg	23.9	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059008** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Endrin	ND		ug/kg	23.9	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Endrin Aldehyde	ND		ug/kg	23.9	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Endrin Ketone	ND		ug/kg	23.9	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Heptachlor	ND		ug/kg	12.3	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Heptachlor Epoxide	ND		ug/kg	12.3	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Methoxychlor	ND		ug/kg	23.9	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Mirex	ND		ug/kg	23.9	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Toxaphene	ND		ug/kg	506	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	84.3		%	30-117	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
Tetrachloro-m-xylene (S)	73.7		%	30-89	SW846 8081B	8/18/11	LEH	8/20/11 04:27	KJH	A4
WET CHEMISTRY										
Moisture	32.6		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
Total Solids	67.4		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
METALS										
Aluminum, Total	20200	2	mg/kg	13.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Antimony, Total	ND		mg/kg	2.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Arsenic, Total	4.9		mg/kg	2.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Barium, Total	150		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Beryllium, Total	ND		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Cadmium, Total	ND		mg/kg	0.69	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Calcium, Total	7180	3	mg/kg	13.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Chromium, Total	29.8		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Cobalt, Total	5.3		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Copper, Total	40.0		mg/kg	2.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Iron, Total	15300		mg/kg	13.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Lead, Total	97.5		mg/kg	2.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Magnesium, Total	2260		mg/kg	13.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059008** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B4 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Manganese, Total	171		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Mercury, Total	4.2		mg/kg	0.59	SW846 7471B	8/23/11	MNP	8/23/11 13:47	MNP	A5
Nickel, Total	15.3		mg/kg	2.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Potassium, Total	1340		mg/kg	68.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Selenium, Total	ND		mg/kg	6.9	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Silver, Total	ND		mg/kg	0.69	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Sodium, Total	136		mg/kg	68.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Thallium, Total	ND		mg/kg	4.1	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Vanadium, Total	24.1		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6
Zinc, Total	102		mg/kg	2.7	SW846 6010C	8/22/11	KMK	8/22/11 14:20	MWO	A6

Sample Comments:

This sample was analyzed at a dilution in the 8081 Pesticide analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

One or more of the method 8260 internal standards were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

One or more of the method 8260 surrogates were recovered outside of the control limits. The sample was re-analyzed with similar results.

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059009** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Moisture	13.2		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
Total Solids	86.8		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
METALS										
Aluminum, Total	6230		mg/kg	11.1	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Antimony, Total	4.8		mg/kg	2.2	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Arsenic, Total	8.9		mg/kg	2.2	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Barium, Total	1090		mg/kg	1.1	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Beryllium, Total	ND		mg/kg	1.1	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Cadmium, Total	1.6		mg/kg	0.55	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Calcium, Total	30800		mg/kg	11.1	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Chromium, Total	28.4		mg/kg	1.1	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Cobalt, Total	6.0		mg/kg	1.1	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Copper, Total	71.6		mg/kg	2.2	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Iron, Total	21100		mg/kg	11.1	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Lead, Total	1190		mg/kg	2.2	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Magnesium, Total	5900		mg/kg	11.1	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Manganese, Total	302		mg/kg	1.1	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Mercury, Total	1.3		mg/kg	0.21	SW846 7471B	8/18/11	MNP	8/18/11 16:17	MNP	A1
Nickel, Total	18.2		mg/kg	2.2	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Potassium, Total	1090		mg/kg	55.4	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Selenium, Total	ND		mg/kg	5.5	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Silver, Total	ND		mg/kg	0.55	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Sodium, Total	116		mg/kg	55.4	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Thallium, Total	ND		mg/kg	3.3	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059009** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vanadium, Total	54.8		mg/kg	1.1	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2
Zinc, Total	811		mg/kg	2.2	SW846 6010C	8/19/11	KMK	8/22/11 11:40	MWO	A2

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059010** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	132	19	ug/kg	8.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Benzene	ND	20	ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Bromobenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Bromochloromethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Bromodichloromethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Bromoform	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Bromomethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
2-Butanone	ND		ug/kg	8.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
n-Butylbenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
tert-Butylbenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
sec-Butylbenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Carbon Disulfide	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Carbon Tetrachloride	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Chlorobenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Chlorodibromomethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Chloroethane	ND		ug/kg	4.4	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Chloroform	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Chloromethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
o-Chlorotoluene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
p-Chlorotoluene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,2-Dibromoethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Dibromomethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,2-Dichlorobenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,3-Dichlorobenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,4-Dichlorobenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Dichlorodifluoromethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,1-Dichloroethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,2-Dichloroethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,1-Dichloroethene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
cis-1,2-Dichloroethene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
trans-1,2-Dichloroethene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,3-Dichloropropane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
2,2-Dichloropropane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,2-Dichloropropane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,1-Dichloropropene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
cis-1,3-Dichloropropene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
trans-1,3-Dichloropropene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Ethylbenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059010** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Hexachlorobutadiene	ND		ug/kg	4.4	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
2-Hexanone	ND		ug/kg	8.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Isopropylbenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
p-Isopropyltoluene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Methyl t-Butyl Ether	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	8.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Methylene Chloride	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Naphthalene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
n-Propylbenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Styrene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Tetrachloroethene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Toluene	ND	21	ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Total Xylenes	ND		ug/kg	5.3	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,2,3-Trichlorobenzene	ND		ug/kg	4.4	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,2,4-Trichlorobenzene	ND		ug/kg	4.4	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,1,1-Trichloroethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,1,2-Trichloroethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Trichloroethene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Trichlorofluoromethane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,2,3-Trichloropropane	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Vinyl Chloride	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
o-Xylene	ND		ug/kg	1.8	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
mp-Xylene	ND		ug/kg	3.5	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	112		%	56-124	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
4-Bromofluorobenzene (S)	197	23	%	51-128	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Dibromofluoromethane (S)	109		%	62-123	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
Toluene-d8 (S)	161	22	%	59-131	8260/5035	8/18/11	TMP	8/24/11 20:00	TMP	A3
SEMIVOLATILES										
Acenaphthene	738		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Acenaphthylene	713		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Anthracene	2320		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Benzo(a)anthracene	8740		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Benzo(a)pyrene	9070		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Benzo(b)fluoranthene	9810		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059010** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	2840		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Benzo(k)fluoranthene	8940		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
4-Bromophenyl-phenylether	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Butylbenzylphthalate	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Carbazole	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
4-Chloroaniline	ND		ug/kg	3100	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
bis(2-Chloroethoxy)methane	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
bis(2-Chloroethyl)ether	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
bis(2-Chloroisopropyl)ether	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
2-Chloronaphthalene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
4-Chlorophenyl-phenylether	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Chrysene	9640		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Di-n-Butylphthalate	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Di-n-Octylphthalate	ND		ug/kg	3100	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Dibenzo(a,h)anthracene	1020		ug/kg	689	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Dibenzofuran	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
1,2-Dichlorobenzene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
1,3-Dichlorobenzene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
1,4-Dichlorobenzene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
3,3-Dichlorobenzidine	ND		ug/kg	6200	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Diethylphthalate	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Dimethylphthalate	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
2,4-Dinitrotoluene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
2,6-Dinitrotoluene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
bis(2-Ethylhexyl)phthalate	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Fluoranthene	24200		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Fluorene	1150		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Hexachlorobenzene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Hexachlorobutadiene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Hexachlorocyclopentadiene	ND		ug/kg	3100	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Hexachloroethane	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Indeno(1,2,3-cd)pyrene	2870		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Isophorone	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
2-Methylnaphthalene	ND		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Naphthalene	ND		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
2-Nitroaniline	ND		ug/kg	3100	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
3-Nitroaniline	ND		ug/kg	3100	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
4-Nitroaniline	ND		ug/kg	3100	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Nitrobenzene	ND		ug/kg	1380	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
N-Nitroso-di-n-propylamine	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
N-Nitrosodiphenylamine	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059010** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Phenanthrene	15500		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Pyrene	21400		ug/kg	574	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
1,2,4-Trichlorobenzene	ND		ug/kg	1150	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	59.1		%	37-123	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
2-Fluorobiphenyl (S)	69.5		%	45-105	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
2-Fluorophenol (S)	68.2		%	35-104	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Nitrobenzene-d5 (S)	62.8		%	41-110	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Phenol-d5 (S)	65.6		%	40-100	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
Terphenyl-d14 (S)	75.4		%	38-113	SW846 8270D	8/23/11	SMD	8/25/11 10:35	CGS	A3
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.039	SW846 8082A	8/22/11	CAC	8/23/11 04:51	KJH	A2
Aroclor-1016	ND		mg/kg	0.039	SW846 8082A	8/22/11	CAC	8/23/11 04:51	KJH	A2
Aroclor-1221	ND		mg/kg	0.039	SW846 8082A	8/22/11	CAC	8/23/11 04:51	KJH	A2
Aroclor-1232	ND		mg/kg	0.039	SW846 8082A	8/22/11	CAC	8/23/11 04:51	KJH	A2
Aroclor-1242	ND		mg/kg	0.039	SW846 8082A	8/22/11	CAC	8/23/11 04:51	KJH	A2
Aroclor-1248	ND		mg/kg	0.039	SW846 8082A	8/22/11	CAC	8/23/11 04:51	KJH	A2
Aroclor-1254	ND		mg/kg	0.039	SW846 8082A	8/22/11	CAC	8/23/11 04:51	KJH	A2
Aroclor-1260	ND		mg/kg	0.039	SW846 8082A	8/22/11	CAC	8/23/11 04:51	KJH	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	108		%	46-120	SW846 8082A	8/22/11	CAC	8/23/11 04:51	KJH	A2
Tetrachloro-m-xylene (S)	114		%	52-115	SW846 8082A	8/22/11	CAC	8/23/11 04:51	KJH	A2
PESTICIDES										
Aldrin	ND		ug/kg	9.9	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
alpha-BHC	ND		ug/kg	9.9	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
beta-BHC	ND		ug/kg	9.9	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
delta-BHC	ND		ug/kg	9.9	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
gamma-BHC	ND		ug/kg	9.9	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
alpha-Chlordane	24.4		ug/kg	9.9	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
gamma-Chlordane	40.9		ug/kg	9.9	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
4,4'-DDD	21.1	16	ug/kg	19.3	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
4,4'-DDE	84.1	16	ug/kg	19.3	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
4,4'-DDT	341		ug/kg	19.3	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Dieldrin	51.2	16	ug/kg	19.3	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Endosulfan I	ND		ug/kg	9.9	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Endosulfan II	ND		ug/kg	19.3	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Endosulfan Sulfate	ND		ug/kg	19.3	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059010** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [0-2']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Endrin	ND		ug/kg	19.3	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Endrin Aldehyde	ND		ug/kg	19.3	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Endrin Ketone	ND		ug/kg	19.3	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Heptachlor	ND		ug/kg	9.9	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Heptachlor Epoxide	ND		ug/kg	9.9	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Methoxychlor	ND		ug/kg	19.3	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Mirex	ND		ug/kg	19.3	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Toxaphene	ND		ug/kg	409	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	105		%	30-117	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
Tetrachloro-m-xylene (S)	65.1		%	30-89	SW846 8081B	8/22/11	MDO	8/23/11 00:53	KJH	A1
WET CHEMISTRY										
Moisture	14.4		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
Total Solids	85.6		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A

Sample Comments:

This sample was analyzed at a dilution in the 8081 Pesticide analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

One or more of the method 8260 internal standards were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

One or more of the method 8260 surrogates were recovered outside of the control limits. The sample was re-analyzed with similar results.

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059011** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	128		ug/kg	11.7	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Benzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Bromobenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Bromochloromethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Bromodichloromethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Bromoform	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Bromomethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
2-Butanone	ND		ug/kg	11.7	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
n-Butylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
tert-Butylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
sec-Butylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Carbon Disulfide	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Carbon Tetrachloride	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Chlorobenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Chlorodibromomethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Chloroethane	ND		ug/kg	5.8	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Chloroform	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Chloromethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
o-Chlorotoluene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
p-Chlorotoluene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,2-Dibromoethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Dibromomethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,2-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,3-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,4-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Dichlorodifluoromethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,1-Dichloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,2-Dichloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,1-Dichloroethene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
cis-1,2-Dichloroethene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
trans-1,2-Dichloroethene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,3-Dichloropropane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
2,2-Dichloropropane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,2-Dichloropropane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,1-Dichloropropene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
cis-1,3-Dichloropropene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
trans-1,3-Dichloropropene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Ethylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059011** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Hexachlorobutadiene	ND		ug/kg	5.8	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
2-Hexanone	ND		ug/kg	11.7	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Isopropylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
p-Isopropyltoluene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Methyl t-Butyl Ether	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	11.7	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Methylene Chloride	10		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Naphthalene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
n-Propylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Styrene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Tetrachloroethene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Toluene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Total Xylenes	ND		ug/kg	7.0	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,1,1-Trichloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,1,2-Trichloroethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Trichloroethene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Trichlorofluoromethane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,2,3-Trichloropropane	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Vinyl Chloride	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
o-Xylene	ND		ug/kg	2.3	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
mp-Xylene	ND		ug/kg	4.7	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	136	25	%	56-124	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
4-Bromofluorobenzene (S)	149	27	%	51-128	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Dibromofluoromethane (S)	151	24	%	62-123	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3
Toluene-d8 (S)	148	26	%	59-131	8260/5035	8/18/11	TMP	8/24/11 20:30	TMP	A3

SEMIVOLATILES

Acenaphthene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Acenaphthylene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Anthracene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Benzo(a)anthracene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Benzo(a)pyrene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Benzo(b)fluoranthene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059011** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Benzo(k)fluoranthene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
4-Bromophenyl-phenylether	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Butylbenzylphthalate	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Carbazole	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
4-Chloroaniline	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
bis(2-Chloroethoxy)methane	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
bis(2-Chloroethyl)ether	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
bis(2-Chloroisopropyl)ether	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
2-Chloronaphthalene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
4-Chlorophenyl-phenylether	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Chrysene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Di-n-Butylphthalate	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Di-n-Octylphthalate	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Dibenzo(a,h)anthracene	ND		ug/kg	88.2	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Dibenzofuran	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
1,2-Dichlorobenzene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
1,3-Dichlorobenzene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
1,4-Dichlorobenzene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
3,3-Dichlorobenzidine	ND		ug/kg	794	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Diethylphthalate	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Dimethylphthalate	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
2,4-Dinitrotoluene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
2,6-Dinitrotoluene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
bis(2-Ethylhexyl)phthalate	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Fluoranthene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Fluorene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Hexachlorobenzene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Hexachlorobutadiene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Hexachlorocyclopentadiene	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Hexachloroethane	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Isophorone	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
2-Methylnaphthalene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Naphthalene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
2-Nitroaniline	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
3-Nitroaniline	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
4-Nitroaniline	ND		ug/kg	397	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Nitrobenzene	ND		ug/kg	176	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
N-Nitroso-di-n-propylamine	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
N-Nitrosodiphenylamine	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059011** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Phenanthrene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Pyrene	ND		ug/kg	73.5	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
1,2,4-Trichlorobenzene	ND		ug/kg	147	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	69		%	37-123	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
2-Fluorobiphenyl (S)	82.1		%	45-105	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
2-Fluorophenol (S)	68.4		%	35-104	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Nitrobenzene-d5 (S)	84.9		%	41-110	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Phenol-d5 (S)	78.3		%	40-100	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
Terphenyl-d14 (S)	97.1		%	38-113	SW846 8270D	8/23/11	SMD	8/24/11 04:10	CGS	A5
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.049	SW846 8082A	8/22/11	CAC	8/23/11 05:06	KJH	A4
Aroclor-1016	ND		mg/kg	0.049	SW846 8082A	8/22/11	CAC	8/23/11 05:06	KJH	A4
Aroclor-1221	ND		mg/kg	0.049	SW846 8082A	8/22/11	CAC	8/23/11 05:06	KJH	A4
Aroclor-1232	ND		mg/kg	0.049	SW846 8082A	8/22/11	CAC	8/23/11 05:06	KJH	A4
Aroclor-1242	ND		mg/kg	0.049	SW846 8082A	8/22/11	CAC	8/23/11 05:06	KJH	A4
Aroclor-1248	ND		mg/kg	0.049	SW846 8082A	8/22/11	CAC	8/23/11 05:06	KJH	A4
Aroclor-1254	ND		mg/kg	0.049	SW846 8082A	8/22/11	CAC	8/23/11 05:06	KJH	A4
Aroclor-1260	ND		mg/kg	0.049	SW846 8082A	8/22/11	CAC	8/23/11 05:06	KJH	A4
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	111		%	46-120	SW846 8082A	8/22/11	CAC	8/23/11 05:06	KJH	A4
Tetrachloro-m-xylene (S)	98.4		%	52-115	SW846 8082A	8/22/11	CAC	8/23/11 05:06	KJH	A4
PESTICIDES										
Aldrin	ND		ug/kg	12.6	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
alpha-BHC	ND		ug/kg	12.6	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
beta-BHC	ND		ug/kg	12.6	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
delta-BHC	ND		ug/kg	12.6	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
gamma-BHC	ND		ug/kg	12.6	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
alpha-Chlordane	ND		ug/kg	12.6	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
gamma-Chlordane	ND		ug/kg	12.6	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
4,4'-DDD	ND		ug/kg	24.5	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
4,4'-DDE	ND		ug/kg	24.5	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
4,4'-DDT	ND		ug/kg	24.5	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Dieldrin	ND		ug/kg	24.5	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Endosulfan I	ND		ug/kg	12.6	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Endosulfan II	ND		ug/kg	24.5	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Endosulfan Sulfate	ND		ug/kg	24.5	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059011** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Endrin	ND		ug/kg	24.5	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Endrin Aldehyde	ND		ug/kg	24.5	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Endrin Ketone	ND		ug/kg	24.5	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Heptachlor	ND		ug/kg	12.6	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Heptachlor Epoxide	ND		ug/kg	12.6	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Methoxychlor	ND		ug/kg	24.5	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Mirex	ND		ug/kg	24.5	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Toxaphene	ND		ug/kg	520	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	81.3		%	30-117	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
Tetrachloro-m-xylene (S)	67.7		%	30-89	SW846 8081B	8/22/11	MDO	8/23/11 01:23	KJH	A3
WET CHEMISTRY										
Moisture	32.7		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
Total Solids	67.3		%	0.1	SM20-2540 G			8/18/11 20:35	RMO	A
METALS										
Aluminum, Total	14900	2	mg/kg	14.0	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Antimony, Total	ND		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Arsenic, Total	ND		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Barium, Total	87.3		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Beryllium, Total	ND		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Cadmium, Total	ND		mg/kg	0.70	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Calcium, Total	3260	3	mg/kg	14.0	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Chromium, Total	14.7		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Cobalt, Total	2.7		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Copper, Total	5.9		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Iron, Total	6070		mg/kg	14.0	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Lead, Total	15.2		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Magnesium, Total	1210		mg/kg	14.0	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059011** Date Collected: 8/16/2011 00:00 Matrix: Solid

Sample ID: **B5 [10-12']** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Manganese, Total	71.6		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Mercury, Total	ND		mg/kg	0.29	SW846 7471B	8/23/11	MNP	8/23/11 13:22	MNP	A1
Nickel, Total	8.1		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Potassium, Total	1190		mg/kg	70.0	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Selenium, Total	ND		mg/kg	7.0	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Silver, Total	ND		mg/kg	0.70	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Sodium, Total	ND		mg/kg	70.0	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Thallium, Total	ND		mg/kg	4.2	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Vanadium, Total	14.7		mg/kg	1.4	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2
Zinc, Total	24.3		mg/kg	2.8	SW846 6010C	8/22/11	KMK	8/22/11 14:23	MWO	A2

Sample Comments:

This sample was analyzed at a dilution in the 8081 Pesticide analysis due to sample matrix interference. Reporting limits were adjusted accordingly.

One or more of the method 8260 internal standards were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

One or more of the method 8260 surrogates were recovered outside of the control limits. The sample was re-analyzed with similar results.

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059012** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B1 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260B			8/18/11 23:20	DJB	E
Benzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Bromobenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Bromoform	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Bromomethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
2-Butanone	ND		ug/L	10.0	SW846 8260B			8/18/11 23:20	DJB	E
n-Butylbenzene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:20	DJB	E
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:20	DJB	E
sec-Butylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Chloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Chloroform	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Chloromethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			8/18/11 23:20	DJB	E
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Dibromomethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Diisobutylene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:20	DJB	E

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059012** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B1 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			8/18/11 23:20	DJB	E
2-Hexanone	ND		ug/L	5.0	SW846 8260B			8/18/11 23:20	DJB	E
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
p-Isopropyltoluene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			8/18/11 23:20	DJB	E
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Naphthalene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:20	DJB	E
n-Propylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Styrene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Toluene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Total Xylenes	ND		ug/L	3.0	SW846 8260B			8/18/11 23:20	DJB	E
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:20	DJB	E
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:20	DJB	E
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Trichloroethene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			8/18/11 23:20	DJB	E
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
o-Xylene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:20	DJB	E
mp-Xylene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:20	DJB	E
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	118		%	62-133	SW846 8260B			8/18/11 23:20	DJB	E
4-Bromofluorobenzene (S)	109		%	79-114	SW846 8260B			8/18/11 23:20	DJB	E
Dibromofluoromethane (S)	105		%	78-116	SW846 8260B			8/18/11 23:20	DJB	E
Toluene-d8 (S)	113		%	76-127	SW846 8260B			8/18/11 23:20	DJB	E
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Acenaphthylene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Anthracene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Benzidine	ND		ug/L	34.9	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Benzo(a)anthracene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059012** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B1 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(a)pyrene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Benzo(b)fluoranthene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Benzo(g,h,i)perylene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Benzo(k)fluoranthene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
4-Bromophenyl-phenylether	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Butylbenzylphthalate	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Carbazole	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
4-Chloroaniline	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
bis(2-Chloroethoxy)methane	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
bis(2-Chloroethyl)ether	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
2-Chloronaphthalene	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
4-Chlorophenyl-phenylether	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Chrysene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Di-n-Butylphthalate	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Di-n-Octylphthalate	ND		ug/L	9.3	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/L	2.3	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Dibenzofuran	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
1,2-Dichlorobenzene	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
1,3-Dichlorobenzene	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
1,4-Dichlorobenzene	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
3,3-Dichlorobenzidine	ND		ug/L	18.6	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Diethylphthalate	ND		ug/L	9.3	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Dimethylphthalate	ND		ug/L	9.3	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
2,4-Dinitrotoluene	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
2,6-Dinitrotoluene	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
1,2-Diphenylhydrazine	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
bis(2-Ethylhexyl)phthalate	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Fluoranthene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Fluorene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Hexachlorobenzene	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Hexachlorobutadiene	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Hexachlorocyclopentadiene	ND		ug/L	9.3	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Hexachloroethane	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Isophorone	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
2-Methylnaphthalene	ND		ug/L	2.3	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Naphthalene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
2-Nitroaniline	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
3-Nitroaniline	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
4-Nitroaniline	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059012** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B1 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Nitrobenzene	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
N-Nitrosodimethylamine	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
N-Nitrosodiphenylamine	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Phenanthrene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Pyrene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/L	3.5	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	69.4		%	40-125	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
2-Fluorobiphenyl (S)	62.6		%	50-110	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
2-Fluorophenol (S)	40.1		%	20-75	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Nitrobenzene-d5 (S)	61.1		%	40-110	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Phenol-d5 (S)	27.4		%	13-49	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
Terphenyl-d14 (S)	77.6		%	50-122	SW846 8270D	8/19/11	GMG	8/23/11 05:02	CGS	A1
PCBs										
Total Polychlorinated Biphenyl	ND		ug/L	0.47	SW846 8082A	8/23/11	GEC	8/24/11 09:56	KJH	B2
Aroclor-1016	ND		ug/L	0.47	SW846 8082A	8/23/11	GEC	8/24/11 09:56	KJH	B2
Aroclor-1221	ND		ug/L	0.47	SW846 8082A	8/23/11	GEC	8/24/11 09:56	KJH	B2
Aroclor-1232	ND		ug/L	0.47	SW846 8082A	8/23/11	GEC	8/24/11 09:56	KJH	B2
Aroclor-1242	ND		ug/L	0.47	SW846 8082A	8/23/11	GEC	8/24/11 09:56	KJH	B2
Aroclor-1248	ND		ug/L	0.47	SW846 8082A	8/23/11	GEC	8/24/11 09:56	KJH	B2
Aroclor-1254	ND		ug/L	0.47	SW846 8082A	8/23/11	GEC	8/24/11 09:56	KJH	B2
Aroclor-1260	ND		ug/L	0.47	SW846 8082A	8/23/11	GEC	8/24/11 09:56	KJH	B2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	22.3	29	%	30-150	SW846 8082A	8/23/11	GEC	8/24/11 09:56	KJH	B2
Tetrachloro-m-xylene (S)	96.2		%	36-112	SW846 8082A	8/23/11	GEC	8/24/11 09:56	KJH	B2
PESTICIDES										
Aldrin	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
alpha-BHC	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
beta-BHC	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
delta-BHC	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
gamma-BHC	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
alpha-Chlordane	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
gamma-Chlordane	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
4,4'-DDD	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
4,4'-DDE	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
4,4'-DDT	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059012** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B1 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dieldrin	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Endosulfan I	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Endosulfan II	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Endosulfan Sulfate	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Endrin	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Endrin Aldehyde	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Endrin Ketone	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Heptachlor	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Heptachlor Epoxide	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Methoxychlor	ND		ug/L	0.024	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Toxaphene	ND		ug/L	0.94	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	12.3	28	%	30-140	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
Tetrachloro-m-xylene (S)	58.9		%	30-123	SW846 8081B	8/23/11	GEC	8/24/11 10:31	KJH	B1
METALS										
Aluminum, Dissolved	ND		mg/L	0.10	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Antimony, Dissolved	ND		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Arsenic, Dissolved	ND		mg/L	0.0080	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Barium, Dissolved	0.060		mg/L	0.010	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Beryllium, Dissolved	ND		mg/L	0.0040	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Cadmium, Dissolved	ND		mg/L	0.0020	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Calcium, Dissolved	495		mg/L	0.10	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Chromium, Dissolved	ND		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Cobalt, Dissolved	ND		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Copper, Dissolved	ND		mg/L	0.010	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Iron, Dissolved	1.0		mg/L	0.060	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Lead, Dissolved	ND		mg/L	0.0060	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Magnesium, Dissolved	27.0		mg/L	0.10	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Manganese, Dissolved	0.56		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Mercury, Dissolved	ND		mg/L	0.00050	SW846 7470A	8/23/11	MNP	8/23/11 11:31	MNP	C2
Nickel, Dissolved	ND		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Potassium, Dissolved	13.2		mg/L	0.50	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Selenium, Dissolved	ND		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Silver, Dissolved	ND		mg/L	0.0040	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Sodium, Dissolved	13.0		mg/L	0.50	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Thallium, Dissolved	ND		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Vanadium, Dissolved	ND		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3
Zinc, Dissolved	0.16		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:28	JWK	C3

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID:	**9922059012**	Date Collected:	8/16/2011 00:00	Matrix:	Ground Water
Sample ID:	**B1 GW**	Date Received:	8/17/2011 21:25		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Sample Comments:

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059013** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B2 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260B			8/18/11 23:42	DJB	E
Benzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Bromobenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Bromoform	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Bromomethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
2-Butanone	ND		ug/L	10.0	SW846 8260B			8/18/11 23:42	DJB	E
n-Butylbenzene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:42	DJB	E
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:42	DJB	E
sec-Butylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Chloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Chloroform	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Chloromethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			8/18/11 23:42	DJB	E
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Dibromomethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Dichlorodifluoromethane	2.7		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Diisobutylene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:42	DJB	E

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059013** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B2 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			8/18/11 23:42	DJB	E
2-Hexanone	ND		ug/L	5.0	SW846 8260B			8/18/11 23:42	DJB	E
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
p-Isopropyltoluene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Methyl t-Butyl Ether	12.6		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			8/18/11 23:42	DJB	E
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Naphthalene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:42	DJB	E
n-Propylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Styrene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Toluene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Total Xylenes	ND		ug/L	3.0	SW846 8260B			8/18/11 23:42	DJB	E
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:42	DJB	E
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:42	DJB	E
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Trichloroethene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			8/18/11 23:42	DJB	E
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
o-Xylene	ND		ug/L	1.0	SW846 8260B			8/18/11 23:42	DJB	E
mp-Xylene	ND		ug/L	2.0	SW846 8260B			8/18/11 23:42	DJB	E
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	115		%	62-133	SW846 8260B			8/18/11 23:42	DJB	E
4-Bromofluorobenzene (S)	107		%	79-114	SW846 8260B			8/18/11 23:42	DJB	E
Dibromofluoromethane (S)	102		%	78-116	SW846 8260B			8/18/11 23:42	DJB	E
Toluene-d8 (S)	110		%	76-127	SW846 8260B			8/18/11 23:42	DJB	E
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Acenaphthylene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Anthracene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Benzidine	ND		ug/L	33.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Benzo(a)anthracene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059013** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B2 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(a)pyrene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Benzo(b)fluoranthene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Benzo(g,h,i)perylene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Benzo(k)fluoranthene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
4-Bromophenyl-phenylether	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Butylbenzylphthalate	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Carbazole	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
4-Chloroaniline	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
bis(2-Chloroethoxy)methane	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
bis(2-Chloroethyl)ether	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
2-Chloronaphthalene	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
4-Chlorophenyl-phenylether	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Chrysene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Di-n-Butylphthalate	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Di-n-Octylphthalate	ND		ug/L	9.0	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/L	2.2	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Dibenzofuran	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
1,2-Dichlorobenzene	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
1,3-Dichlorobenzene	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
1,4-Dichlorobenzene	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
3,3-Dichlorobenzidine	ND		ug/L	18.0	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Diethylphthalate	ND		ug/L	9.0	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Dimethylphthalate	ND		ug/L	9.0	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
2,4-Dinitrotoluene	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
2,6-Dinitrotoluene	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
1,2-Diphenylhydrazine	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
bis(2-Ethylhexyl)phthalate	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Fluoranthene	2.2		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Fluorene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Hexachlorobenzene	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Hexachlorobutadiene	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Hexachlorocyclopentadiene	ND		ug/L	9.0	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Hexachloroethane	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Isophorone	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
2-Methylnaphthalene	ND		ug/L	2.2	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Naphthalene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
2-Nitroaniline	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
3-Nitroaniline	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
4-Nitroaniline	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059013** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B2 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Nitrobenzene	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
N-Nitrosodimethylamine	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
N-Nitrosodiphenylamine	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Phenanthrene	ND		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Pyrene	2.3		ug/L	1.7	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/L	3.4	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	76.9		%	40-125	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
2-Fluorobiphenyl (S)	70.8		%	50-110	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
2-Fluorophenol (S)	47.6		%	20-75	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Nitrobenzene-d5 (S)	70.9		%	40-110	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Phenol-d5 (S)	33.2		%	13-49	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
Terphenyl-d14 (S)	84.5		%	50-122	SW846 8270D	8/19/11	GMG	8/23/11 05:27	CGS	A1
PCBs										
Total Polychlorinated Biphenyl	ND		ug/L	0.55	SW846 8082A	8/23/11	GEC	8/24/11 10:11	KJH	B2
Aroclor-1016	ND		ug/L	0.55	SW846 8082A	8/23/11	GEC	8/24/11 10:11	KJH	B2
Aroclor-1221	ND		ug/L	0.55	SW846 8082A	8/23/11	GEC	8/24/11 10:11	KJH	B2
Aroclor-1232	ND		ug/L	0.55	SW846 8082A	8/23/11	GEC	8/24/11 10:11	KJH	B2
Aroclor-1242	ND		ug/L	0.55	SW846 8082A	8/23/11	GEC	8/24/11 10:11	KJH	B2
Aroclor-1248	ND		ug/L	0.55	SW846 8082A	8/23/11	GEC	8/24/11 10:11	KJH	B2
Aroclor-1254	ND		ug/L	0.55	SW846 8082A	8/23/11	GEC	8/24/11 10:11	KJH	B2
Aroclor-1260	ND		ug/L	0.55	SW846 8082A	8/23/11	GEC	8/24/11 10:11	KJH	B2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	15	31	%	30-150	SW846 8082A	8/23/11	GEC	8/24/11 10:11	KJH	B2
Tetrachloro-m-xylene (S)	97.4		%	36-112	SW846 8082A	8/23/11	GEC	8/24/11 10:11	KJH	B2
PESTICIDES										
Aldrin	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
alpha-BHC	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
beta-BHC	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
delta-BHC	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
gamma-BHC	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
alpha-Chlordane	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
gamma-Chlordane	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
4,4'-DDD	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
4,4'-DDE	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
4,4'-DDT	0.039		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059013** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B2 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dieldrin	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Endosulfan I	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Endosulfan II	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Endosulfan Sulfate	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Endrin	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Endrin Aldehyde	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Endrin Ketone	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Heptachlor	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Heptachlor Epoxide	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Methoxychlor	ND		ug/L	0.027	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Toxaphene	ND		ug/L	1.1	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	17.5	30	%	30-140	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
Tetrachloro-m-xylene (S)	63.9		%	30-123	SW846 8081B	8/23/11	GEC	8/24/11 10:43	KJH	B1
METALS										
Aluminum, Dissolved	ND		mg/L	0.10	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Antimony, Dissolved	ND		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Arsenic, Dissolved	0.0083		mg/L	0.0080	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Barium, Dissolved	0.037		mg/L	0.010	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Beryllium, Dissolved	ND		mg/L	0.0040	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Cadmium, Dissolved	ND		mg/L	0.0020	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Calcium, Dissolved	326		mg/L	0.10	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Chromium, Dissolved	ND		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Cobalt, Dissolved	0.012		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Copper, Dissolved	ND		mg/L	0.010	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Iron, Dissolved	2.1		mg/L	0.060	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Lead, Dissolved	0.0080		mg/L	0.0060	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Magnesium, Dissolved	26.7		mg/L	0.10	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Manganese, Dissolved	1.7		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Mercury, Dissolved	ND		mg/L	0.00050	SW846 7470A	8/23/11	MNP	8/23/11 11:32	MNP	C2
Nickel, Dissolved	ND		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Potassium, Dissolved	12.1		mg/L	0.50	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Selenium, Dissolved	ND		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Silver, Dissolved	ND		mg/L	0.0040	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Sodium, Dissolved	13.8		mg/L	0.50	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Thallium, Dissolved	ND		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Vanadium, Dissolved	ND		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3
Zinc, Dissolved	0.55		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:32	JWK	C3

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID:	**9922059013**	Date Collected:	8/16/2011 00:00	Matrix:	Ground Water
Sample ID:	**B2 GW**	Date Received:	8/17/2011 21:25		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Sample Comments:

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059014** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B3 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260B			8/19/11 00:04	DJB	E
Benzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Bromobenzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Bromoform	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Bromomethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
2-Butanone	ND		ug/L	10.0	SW846 8260B			8/19/11 00:04	DJB	E
n-Butylbenzene	ND		ug/L	2.0	SW846 8260B			8/19/11 00:04	DJB	E
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			8/19/11 00:04	DJB	E
sec-Butylbenzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Chloroethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Chloroform	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Chloromethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			8/19/11 00:04	DJB	E
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Dibromomethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Diisobutylene	ND		ug/L	2.0	SW846 8260B			8/19/11 00:04	DJB	E

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059014** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B3 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			8/19/11 00:04	DJB	E
2-Hexanone	ND		ug/L	5.0	SW846 8260B			8/19/11 00:04	DJB	E
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
p-Isopropyltoluene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			8/19/11 00:04	DJB	E
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Naphthalene	ND		ug/L	2.0	SW846 8260B			8/19/11 00:04	DJB	E
n-Propylbenzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Styrene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Toluene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Total Xylenes	ND		ug/L	3.0	SW846 8260B			8/19/11 00:04	DJB	E
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			8/19/11 00:04	DJB	E
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			8/19/11 00:04	DJB	E
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Trichloroethene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			8/19/11 00:04	DJB	E
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
o-Xylene	ND		ug/L	1.0	SW846 8260B			8/19/11 00:04	DJB	E
mp-Xylene	ND		ug/L	2.0	SW846 8260B			8/19/11 00:04	DJB	E
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	114		%	62-133	SW846 8260B			8/19/11 00:04	DJB	E
4-Bromofluorobenzene (S)	104		%	79-114	SW846 8260B			8/19/11 00:04	DJB	E
Dibromofluoromethane (S)	103		%	78-116	SW846 8260B			8/19/11 00:04	DJB	E
Toluene-d8 (S)	108		%	76-127	SW846 8260B			8/19/11 00:04	DJB	E
SEMIVOLATILES										
Acenaphthene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Acenaphthylene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Anthracene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Benzidine	ND		ug/L	806	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Benzo(a)anthracene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059014** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B3 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(a)pyrene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Benzo(b)fluoranthene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Benzo(g,h,i)perylene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Benzo(k)fluoranthene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
4-Bromophenyl-phenylether	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Butylbenzylphthalate	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Carbazole	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
4-Chloroaniline	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
bis(2-Chloroethoxy)methane	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
bis(2-Chloroethyl)ether	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
bis(2-Chloroisopropyl)ether	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
2-Chloronaphthalene	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
4-Chlorophenyl-phenylether	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Chrysene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Di-n-Butylphthalate	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Di-n-Octylphthalate	ND		ug/L	215	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Dibenzo(a,h)anthracene	ND		ug/L	53.8	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Dibenzofuran	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
1,2-Dichlorobenzene	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
1,3-Dichlorobenzene	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
1,4-Dichlorobenzene	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
3,3-Dichlorobenzidine	ND		ug/L	430	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Diethylphthalate	ND		ug/L	215	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Dimethylphthalate	ND		ug/L	215	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
2,4-Dinitrotoluene	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
2,6-Dinitrotoluene	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
1,2-Diphenylhydrazine	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
bis(2-Ethylhexyl)phthalate	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Fluoranthene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Fluorene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Hexachlorobenzene	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Hexachlorobutadiene	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Hexachlorocyclopentadiene	ND		ug/L	215	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Hexachloroethane	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Indeno(1,2,3-cd)pyrene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Isophorone	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
2-Methylnaphthalene	ND		ug/L	53.8	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Naphthalene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
2-Nitroaniline	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
3-Nitroaniline	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
4-Nitroaniline	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059014** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B3 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Nitrobenzene	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
N-Nitrosodimethylamine	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
N-Nitroso-di-n-propylamine	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
N-Nitrosodiphenylamine	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Phenanthrene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Pyrene	ND		ug/L	40.3	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
1,2,4-Trichlorobenzene	ND		ug/L	80.6	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	90.5		%	40-125	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
2-Fluorobiphenyl (S)	95.7		%	50-110	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
2-Fluorophenol (S)	64.4		%	20-75	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Nitrobenzene-d5 (S)	91		%	40-110	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Phenol-d5 (S)	42.9		%	13-49	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
Terphenyl-d14 (S)	109		%	50-122	SW846 8270D	8/19/11	GMG	8/23/11 05:53	CGS	A1
PCBs										
Total Polychlorinated Biphenyl	ND		ug/L	0.56	SW846 8082A	8/23/11	GEC	8/24/11 10:26	KJH	B2
Aroclor-1016	ND		ug/L	0.56	SW846 8082A	8/23/11	GEC	8/24/11 10:26	KJH	B2
Aroclor-1221	ND		ug/L	0.56	SW846 8082A	8/23/11	GEC	8/24/11 10:26	KJH	B2
Aroclor-1232	ND		ug/L	0.56	SW846 8082A	8/23/11	GEC	8/24/11 10:26	KJH	B2
Aroclor-1242	ND		ug/L	0.56	SW846 8082A	8/23/11	GEC	8/24/11 10:26	KJH	B2
Aroclor-1248	ND		ug/L	0.56	SW846 8082A	8/23/11	GEC	8/24/11 10:26	KJH	B2
Aroclor-1254	ND		ug/L	0.56	SW846 8082A	8/23/11	GEC	8/24/11 10:26	KJH	B2
Aroclor-1260	ND		ug/L	0.56	SW846 8082A	8/23/11	GEC	8/24/11 10:26	KJH	B2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	20.8	33	%	30-150	SW846 8082A	8/23/11	GEC	8/24/11 10:26	KJH	B2
Tetrachloro-m-xylene (S)	108		%	36-112	SW846 8082A	8/23/11	GEC	8/24/11 10:26	KJH	B2
PESTICIDES										
Aldrin	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
alpha-BHC	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
beta-BHC	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
delta-BHC	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
gamma-BHC	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
alpha-Chlordane	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
gamma-Chlordane	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
4,4'-DDD	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
4,4'-DDE	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
4,4'-DDT	0.047		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1

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ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID: **9922059014** Date Collected: 8/16/2011 00:00 Matrix: Ground Water

Sample ID: **B3 GW** Date Received: 8/17/2011 21:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dieldrin	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Endosulfan I	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Endosulfan II	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Endosulfan Sulfate	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Endrin	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Endrin Aldehyde	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Endrin Ketone	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Heptachlor	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Heptachlor Epoxide	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Methoxychlor	ND		ug/L	0.028	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Toxaphene	ND		ug/L	1.1	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	16.6	32	%	30-140	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
Tetrachloro-m-xylene (S)	53.5		%	30-123	SW846 8081B	8/23/11	GEC	8/24/11 10:55	KJH	B1
METALS										
Aluminum, Dissolved	ND		mg/L	0.10	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Antimony, Dissolved	ND		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Arsenic, Dissolved	ND		mg/L	0.0080	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Barium, Dissolved	0.052		mg/L	0.010	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Beryllium, Dissolved	ND		mg/L	0.0040	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Cadmium, Dissolved	ND		mg/L	0.0020	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Calcium, Dissolved	436		mg/L	0.10	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Chromium, Dissolved	ND		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Cobalt, Dissolved	ND		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Copper, Dissolved	ND		mg/L	0.010	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Iron, Dissolved	ND		mg/L	0.060	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Lead, Dissolved	0.0063		mg/L	0.0060	SW846 6010C	8/22/11	JWK	8/25/11 10:52	MWO	C3
Magnesium, Dissolved	14.8		mg/L	0.10	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Manganese, Dissolved	0.32		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Mercury, Dissolved	ND		mg/L	0.00050	SW846 7470A	8/23/11	MNP	8/23/11 11:38	MNP	C2
Nickel, Dissolved	ND		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Potassium, Dissolved	10		mg/L	0.50	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Selenium, Dissolved	0.028		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Silver, Dissolved	ND		mg/L	0.0040	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Sodium, Dissolved	14.1		mg/L	0.50	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Thallium, Dissolved	ND		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Vanadium, Dissolved	ND		mg/L	0.0050	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3
Zinc, Dissolved	0.27		mg/L	0.020	SW846 6010C	8/22/11	JWK	8/22/11 11:35	JWK	C3

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9922059 S/GW, NY

Lab ID:	**9922059014**	Date Collected:	8/16/2011 00:00	Matrix:	Ground Water
Sample ID:	**B3 GW**	Date Received:	8/17/2011 21:25		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Sample Comments:

Anna G Milliken
Technical Manager

ALS Environmental

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9922059 S/GW, NY

PARAMETER QUALIFIERS\FLAGS

[1] The QC sample type LCSD for method 8260/5035 was outside the control limits for the analyte Chloroform. The % Recovery was reported as 133 and the control limits were 73 to 126.

[2] The method blank associated with this sample was positive for aluminum at 0.1006 mg/l. The aluminum analyte concentration in the sample was greater than ten times the concentration of the blank. According to the method, the sample was commented and reported. SRT 08.23.11

[3] The method blank associated with this sample was positive for calcium at 0.2334 mg/l. The calcium analyte concentration in the sample was greater than ten times the concentration of the blank. According to the method, the sample was commented and reported. SRT 08.23.11

[4] The surrogate 1,2-Dichloroethane-d4 for method 8260/5035 was outside of control limits. The % Recovery was reported as 130 and the control limits were 56 to 124. This result was reported at a dilution of 1.

[5] The surrogate 1,2-Dichloroethane-d4 for method 8260/5035 was outside of control limits. The % Recovery was reported as 129 and the control limits were 56 to 124. This result was reported at a dilution of 1.

[6] One of the two matrix spike analyses performed on this sample failed to meet acceptable recovery limits. The other matrix spike was within acceptable recovery limits. Matrix interferences are the possible cause for the failure.

[7] The surrogate 1,2-Dichloroethane-d4 for method 8260/5035 was outside of control limits. The % Recovery was reported as 166 and the control limits were 56 to 124. This result was reported at a dilution of 1.

[8] The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits. The sample was post-digestion spiked, and this matrix spike was within acceptable recovery limits.

[9] The surrogate Dibromofluoromethane for method 8260/5035 was outside of control limits. The % Recovery was reported as 131 and the control limits were 62 to 123. This result was reported at a dilution of 1.

[10] The surrogate 1,2-Dichloroethane-d4 for method 8260/5035 was outside of control limits. The % Recovery was reported as 151 and the control limits were 56 to 124. This result was reported at a dilution of 1.

[11] The surrogate Toluene-d8 for method 8260/5035 was outside of control limits. The % Recovery was reported as 144 and the control limits were 59 to 131. This result was reported at a dilution of 1.

[12] The surrogate 4-Bromofluorobenzene for method 8260/5035 was outside of control limits. The % Recovery was reported as 168 and the control limits were 51 to 128. This result was reported at a dilution of 1.

[13] The surrogate Dibromofluoromethane for method 8260/5035 was outside of control limits. The % Recovery was reported as 155 and the control limits were 62 to 123. This result was reported at a dilution of 1.

[14] The surrogate 1,2-Dichloroethane-d4 for method 8260/5035 was outside of control limits. The % Recovery was reported as 190 and the control limits were 56 to 124. This result was reported at a dilution of 1.

[15] The surrogate Toluene-d8 for method 8260/5035 was outside of control limits. The % Recovery was reported as 159 and the control limits were 59 to 131. This result was reported at a dilution of 1.

[16] The detection of this compound was confirmed on an alternate column. Precision between the two results exceeded in house control limits (<40%RPD).

ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9922059 S/GW, NY

PARAMETER QUALIFIERS\FLAGS

[17] The method blank associated with this sample was positive for aluminum at 01006 mg/l. The aluminum analyte concentration in the sample was greater than ten times the concentration of the blank. According to the method, the sample was commented and reported. SRT 08.23.11

[18] The surrogate 1,2-Dichloroethane-d4 for method 8260/5035 was outside of control limits. The % Recovery was reported as 138 and the control limits were 56 to 124. This result was reported at a dilution of 1.

[19] The QC sample type LCS for method 8260/5035 was outside the control limits for the analyte Acetone. The % Recovery was reported as 153 and the control limits were 58 to 146.

[20] The QC sample type LCS for method 8260/5035 was outside the control limits for the analyte Benzene. The % Recovery was reported as 134 and the control limits were 75 to 132.

[21] The QC sample type LCS for method 8260/5035 was outside the control limits for the analyte Toluene. The % Recovery was reported as 131 and the control limits were 73 to 129.

[22] The surrogate Toluene-d8 for method 8260/5035 was outside of control limits. The % Recovery was reported as 161 and the control limits were 59 to 131. This result was reported at a dilution of 1.

[23] The surrogate 4-Bromofluorobenzene for method 8260/5035 was outside of control limits. The % Recovery was reported as 197 and the control limits were 51 to 128. This result was reported at a dilution of 1.

[24] The surrogate Dibromofluoromethane for method 8260/5035 was outside of control limits. The % Recovery was reported as 151 and the control limits were 62 to 123. This result was reported at a dilution of 1.

[25] The surrogate 1,2-Dichloroethane-d4 for method 8260/5035 was outside of control limits. The % Recovery was reported as 136 and the control limits were 56 to 124. This result was reported at a dilution of 1.

[26] The surrogate Toluene-d8 for method 8260/5035 was outside of control limits. The % Recovery was reported as 148 and the control limits were 59 to 131. This result was reported at a dilution of 1.

[27] The surrogate 4-Bromofluorobenzene for method 8260/5035 was outside of control limits. The % Recovery was reported as 149 and the control limits were 51 to 128. This result was reported at a dilution of 1.

[28] The surrogate Decachlorobiphenyl for method SW846 8081B was outside of control limits. The % Recovery was reported as 12.3 and the control limits were 30 to 140. This result was reported at a dilution of 1.

[29] The surrogate Decachlorobiphenyl for method SW846 8082A was outside of control limits. The % Recovery was reported as 22.3 and the control limits were 30 to 150. This result was reported at a dilution of 1.

[30] The surrogate Decachlorobiphenyl for method SW846 8081B was outside of control limits. The % Recovery was reported as 17.5 and the control limits were 30 to 140. This result was reported at a dilution of 1.

[31] The surrogate Decachlorobiphenyl for method SW846 8082A was outside of control limits. The % Recovery was reported as 15 and the control limits were 30 to 150. This result was reported at a dilution of 1.

[32] The surrogate Decachlorobiphenyl for method SW846 8081B was outside of control limits. The % Recovery was reported as 16.6 and the control limits were 30 to 140. This result was reported at a dilution of 1.

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9922059 S/GW, NY

PARAMETER QUALIFIERS\FLAGS

[33] The surrogate Decachlorobiphenyl for method SW846 8082A was outside of control limits. The % Recovery was reported as 20.8 and the control limits were 30 to 150. This result was reported at a dilution of 1.

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CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

ALS Environmental — Ship to: 34 Dogwood Lane • Middletown, PA 17057 • 717.944.5541 • Fax: 717.944.1430

Co. Name: EBC
Contact (Report to): C. Sosik
Address: 1808 Middle Country Road, Ridge NY 11961
Phone: 631 504-6000

Bill to (if different than Report to):
PO#:
Project Name/#:
ALS Quote #:
TAT: Normal-Standard TAT is 10 business days. Rush-Subject to ALS approval and surcharges.
Date Required: 8/22
Approved By:
Email? Y
Fax? Y No:

Page ___ of ___
Courier:
Tracking #:
9922059

Cooler Temp: 10
Therm. ID: 10138
No. of Coolers:
Notes:

Custody seals Present? Y N
(If present) Seals Intact? Y N
Received on ice? Y N
COC/Labels complete/accurate? Y N
Container in good condition? Y N
Correct containers? Y N
Correct sample volume? Y N
Correct preservation? Y N
Headspace/Volatiles? Y N
Circle appropriate Y or N.

ALS FIELD SERVICES: Pickup, Labor, Composite Sampling, Rental Equipment, Other:

Data Deliverables: Standard, CLP-like, NJ-Reduced, NJ-Full, If yes, format type: Other
SDWA Formats? yes yes yes yes
State Samples Collected In? MD NJ NY PA
EDDs: Required?
DOD Criteria Required?

Sample Description/Location (as it will appear on the lab report)	Sample Date	Military Time	"G or C	"Matrix	COC Comments	Preservative	***Container Type	***Container Size	ANALYSES/METHOD REQUESTED	Enter Number of Containers Per Analysis
1 B1 0-2'	8/19/11			S					VOCs 8260	
2 B1 10-12'									SVOCs 8270	
3 B2 0-2'									RCRA/Pbs	
4 B2 10-12'									TOC Metals	
5 B3 0-2'										
6 B3 10-12'										
7 B4 0-2'										
8 B4 10-12'										
9										
10										

SAMPLED BY (Please Print): Charles Sosik

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1	8/19/11	1555	2	8/19	1555
3	8/19	2125	4		
5			6		
7			8		
9			10		

LOGGED BY (signature): DATE TIME
REVIEWED BY (signature): DATE TIME

* G=Grab; C=Composite ** Matrix: Air=Air; DW=Drinking Water; GW=Groundwater; Oil=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
*** Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO3, NaOH, etc.

Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY

Rev 6/2011

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT/SAMPLER (INSTRUCTIONS ON THE BACK)

Page ___ of ___
Courier:
Tracking #:
COC# 9922055

Co. Name: C. Sosik
Contact (Report to):
Phone: 631 604-6000
Address: 1808 Middle Country Road
Bill to (if different than Report to):
PO#:
Project Name/#:
ALS Quote #:
TAT: Normal-Standard TAT is 10 business days. / Rush-Subject to ALS approval and surcharges.
Date Required: 8/26
Approved By:
Email? Y
Fax? Y No.:

***Container Type / ***Container Size / ***Preservative

ANALYSES/METHOD REQUESTED: VOCs 8260 | SVOCs 8270 | Pest/PCBs | TAL metals

Enter Number of Containers Per Analysis

#	Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	Containers
1	B5 0-2'	3 day TAT for TAL metals this sample only	8/16/11			S	1-4 oz jar KAH 8/17
2	B5 10-12'					S	1-8 oz jar
3	B1 GW					GW	
4	B2 GW						2-AG unp 1L
5	B3 GW	Bottles say B5 KAH 8/17					2-HCl vials
6							1-500 mL P HNO3
7							1-500 mL P unp KAH 8/17
8							

SAMPLED BY (Please Print): Charles Sosik
LOGGED BY (signature): [signature] DATE 8/15 TIME 2054
REVIEWED BY (signature): DATE TIME

	Relinquished By / Company Name	Date	Time		Received By / Company Name	Date	Time
1	[signature]	8/17/11	1555	2	[signature] Hobson	8-17	1555
3	[signature]	8-17	2127	4	[signature]	8/17	2125
5				6			
7				8			
9				10			

Data Deliverables: Standard / CLP-like / NJ-Reduced / NJ-Full / (other) / EDDs Required? If yes, format type:
SDWA Forms? yes / yes / yes / yes / Other
State Samples Collected In? MD / NJ / NY / PA
DOD Criteria Required?

Receipt Information (completed by Sample Receiving)
Performed by: [initials]
Cooler Temp: 12
Therm. ID: 10133-724
No. of Coolers:
Notes:

Circle appropriate Y or N.
Correct containers? Y / N
Correct sample volume? Y / N
Correct preservation? Y / N
Headspace/Volatiles? Y / N
Custody seals Present? Y / N
(if present) Seals intact? Y / N
Received on Ice? Y / N
COC/Labels complete/accurate? Y / N
Container in good condition? Y / N

ALS FIELD SERVICES: Pickup [X] / Labor / Composite Sampling / Rental Equipment / Other:

* G=Grab; C=Composite
**Matrix: AI=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
***Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 8oz, etc. Preservative: HCl, HNO3, NaOH, etc.
Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY
Rev 6/2011

Centek Laboratories, LLC

Date: *09-Sep-11*

CLIENT:	Environmental Business Consulting	**Client Sample ID:**	SG1
Lab Order:	C1109004	**Tag Number:**	823,522
Project:	242 Wallabout St	**Collection Date:**	8/19/2011
Lab ID:	C1109004-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	1.3	0.83		ug/m3	1	9/6/2011 10:51:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2011 10:51:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2011 10:51:00 AM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2011 10:51:00 AM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2011 10:51:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2011 10:51:00 AM
1,2,4-Trimethylbenzene	20	7.5		ug/m3	10	9/6/2011 1:40:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2011 10:51:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2011 10:51:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2011 10:51:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2011 10:51:00 AM
1,3,5-Trimethylbenzene	3.2	0.75		ug/m3	1	9/6/2011 10:51:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2011 10:51:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2011 10:51:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2011 10:51:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2011 10:51:00 AM
2,2,4-trimethylpentane	0.76	0.71		ug/m3	1	9/6/2011 10:51:00 AM
4-ethyltoluene	2.6	0.75		ug/m3	1	9/6/2011 10:51:00 AM
Acetone	96	65		ug/m3	90	9/8/2011 6:36:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2011 10:51:00 AM
Benzene	1.5	0.49		ug/m3	1	9/6/2011 10:51:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2011 10:51:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2011 10:51:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2011 10:51:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2011 10:51:00 AM
Carbon disulfide	2.6	0.47		ug/m3	1	9/6/2011 10:51:00 AM
Carbon tetrachloride	< 0.96	0.96		ug/m3	1	9/6/2011 10:51:00 AM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2011 10:51:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2011 10:51:00 AM
Chloroform	9.5	0.74		ug/m3	1	9/6/2011 10:51:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2011 10:51:00 AM
cis-1,2-Dichloroethene	0.64	0.60		ug/m3	1	9/6/2011 10:51:00 AM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2011 10:51:00 AM
Cyclohexane	1.4	0.52		ug/m3	1	9/6/2011 10:51:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2011 10:51:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/6/2011 10:51:00 AM
Ethylbenzene	6.8	0.66		ug/m3	1	9/6/2011 10:51:00 AM
Freon 11	2.7	0.86		ug/m3	1	9/6/2011 10:51:00 AM
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2011 10:51:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2011 10:51:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *09-Sep-11*

CLIENT:	Environmental Business Consulting	**Client Sample ID:**	SG1
Lab Order:	C1109004	**Tag Number:**	823,522
Project:	242 Wallabout St	**Collection Date:**	8/19/2011
Lab ID:	C1109004-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	290	70		ug/m3	90	9/8/2011 6:36:00 PM
Heptane	3.4	0.62		ug/m3	1	9/6/2011 10:51:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2011 10:51:00 AM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2011 10:51:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	9/6/2011 10:51:00 AM
m&p-Xylene	30	13		ug/m3	10	9/6/2011 1:40:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2011 10:51:00 AM
Methyl Ethyl Ketone	5.1	0.90		ug/m3	1	9/6/2011 10:51:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2011 10:51:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2011 10:51:00 AM
Methylene chloride	4.8	0.53		ug/m3	1	9/6/2011 10:51:00 AM
o-Xylene	8.3	0.66		ug/m3	1	9/6/2011 10:51:00 AM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2011 10:51:00 AM
Styrene	1.3	0.65		ug/m3	1	9/6/2011 10:51:00 AM
Tetrachloroethylene	65	10		ug/m3	10	9/6/2011 1:40:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2011 10:51:00 AM
Toluene	70	5.7		ug/m3	10	9/6/2011 1:40:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2011 10:51:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2011 10:51:00 AM
Trichloroethene	2.5	0.82		ug/m3	1	9/6/2011 10:51:00 AM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2011 10:51:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2011 10:51:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2011 10:51:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *09-Sep-11*

CLIENT:	Environmental Business Consulting	**Client Sample ID:**	SG2
Lab Order:	C1109004	**Tag Number:**	830,728
Project:	242 Wallabout St	**Collection Date:**	8/19/2011
Lab ID:	C1109004-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2011 1:09:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2011 1:09:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2011 1:09:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2011 1:09:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2011 1:09:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2011 1:09:00 PM
1,2,4-Trimethylbenzene	23	7.5		ug/m3	10	9/6/2011 2:43:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2011 1:09:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2011 1:09:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2011 1:09:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2011 1:09:00 PM
1,3,5-Trimethylbenzene	3.6	0.75		ug/m3	1	9/6/2011 1:09:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2011 1:09:00 PM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2011 1:09:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2011 1:09:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2011 1:09:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/6/2011 1:09:00 PM
4-ethyltoluene	3.3	0.75		ug/m3	1	9/6/2011 1:09:00 PM
Acetone	350	580	J	ug/m3	810	9/8/2011 6:05:00 PM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2011 1:09:00 PM
Benzene	3.8	0.49		ug/m3	1	9/6/2011 1:09:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2011 1:09:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2011 1:09:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2011 1:09:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2011 1:09:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	9/6/2011 1:09:00 PM
Carbon tetrachloride	< 0.96	0.96		ug/m3	1	9/6/2011 1:09:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2011 1:09:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2011 1:09:00 PM
Chloroform	< 0.74	0.74		ug/m3	1	9/6/2011 1:09:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2011 1:09:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2011 1:09:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2011 1:09:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2011 1:09:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2011 1:09:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/6/2011 1:09:00 PM
Ethylbenzene	15	6.6		ug/m3	10	9/6/2011 2:43:00 PM
Freon 11	17	8.6		ug/m3	10	9/6/2011 2:43:00 PM
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2011 1:09:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2011 1:09:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *09-Sep-11*

CLIENT:	Environmental Business Consulting	**Client Sample ID:**	SG2
Lab Order:	C1109004	**Tag Number:**	830,728
Project:	242 Wallabout St	**Collection Date:**	8/19/2011
Lab ID:	C1109004-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	13000	600		ug/m3	810	9/8/2011 6:05:00 PM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2011 1:09:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2011 1:09:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2011 1:09:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	9/6/2011 1:09:00 PM
m&p-Xylene	53	13		ug/m3	10	9/6/2011 2:43:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2011 1:09:00 PM
Methyl Ethyl Ketone	73	9.0		ug/m3	10	9/6/2011 2:43:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2011 1:09:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2011 1:09:00 PM
Methylene chloride	3.5	0.53		ug/m3	1	9/6/2011 1:09:00 PM
o-Xylene	15	6.6		ug/m3	10	9/6/2011 2:43:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2011 1:09:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2011 1:09:00 PM
Tetrachloroethylene	83	10		ug/m3	10	9/6/2011 2:43:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2011 1:09:00 PM
Toluene	77	23		ug/m3	40	9/6/2011 3:14:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2011 1:09:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2011 1:09:00 PM
Trichloroethene	2.5	0.82		ug/m3	1	9/6/2011 1:09:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2011 1:09:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2011 1:09:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2011 1:09:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *09-Sep-11*

CLIENT:	Environmental Business Consulting	**Client Sample ID:**	SG3
Lab Order:	C1109004	**Tag Number:**	848,525
Project:	242 Wallabout St	**Collection Date:**	8/19/2011
Lab ID:	C1109004-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	2.4	0.83		ug/m3	1	9/6/2011 12:02:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2011 12:02:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2011 12:02:00 PM
1,1-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2011 12:02:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2011 12:02:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2011 12:02:00 PM
1,2,4-Trimethylbenzene	12	7.5		ug/m3	10	9/6/2011 3:46:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2011 12:02:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2011 12:02:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2011 12:02:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2011 12:02:00 PM
1,3,5-Trimethylbenzene	3.8	0.75		ug/m3	1	9/6/2011 12:02:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2011 12:02:00 PM
1,3-Dichlorobenzene	11	0.92		ug/m3	1	9/6/2011 12:02:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2011 12:02:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2011 12:02:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/6/2011 12:02:00 PM
4-ethyltoluene	3.2	0.75		ug/m3	1	9/6/2011 12:02:00 PM
Acetone	300	180		ug/m3	243	9/9/2011 8:31:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2011 12:02:00 PM
Benzene	4.8	0.49		ug/m3	1	9/6/2011 12:02:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2011 12:02:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2011 12:02:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2011 12:02:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2011 12:02:00 PM
Carbon disulfide	2.9	0.47		ug/m3	1	9/6/2011 12:02:00 PM
Carbon tetrachloride	< 0.96	0.96		ug/m3	1	9/6/2011 12:02:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	9/6/2011 12:02:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2011 12:02:00 PM
Chloroform	4.0	0.74		ug/m3	1	9/6/2011 12:02:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2011 12:02:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2011 12:02:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2011 12:02:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2011 12:02:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2011 12:02:00 PM
Ethyl acetate	0.59	0.92	J	ug/m3	1	9/6/2011 12:02:00 PM
Ethylbenzene	13	6.6		ug/m3	10	9/6/2011 3:46:00 PM
Freon 11	< 0.86	0.86		ug/m3	1	9/6/2011 12:02:00 PM
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2011 12:02:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2011 12:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *09-Sep-11*

CLIENT:	Environmental Business Consulting	**Client Sample ID:**	SG3
Lab Order:	C1109004	**Tag Number:**	848,525
Project:	242 Wallabout St	**Collection Date:**	8/19/2011
Lab ID:	C1109004-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	1400	180		ug/m3	243	9/9/2011 8:31:00 AM
Heptane	530	25		ug/m3	40	9/6/2011 4:17:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2011 12:02:00 PM
Hexane	430	21		ug/m3	40	9/6/2011 4:17:00 PM
Isopropyl alcohol	1.8	0.37		ug/m3	1	9/6/2011 12:02:00 PM
m&p-Xylene	45	13		ug/m3	10	9/6/2011 3:46:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2011 12:02:00 PM
Methyl Ethyl Ketone	< 0.90	0.90		ug/m3	1	9/6/2011 12:02:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2011 12:02:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2011 12:02:00 PM
Methylene chloride	8.8	5.3		ug/m3	10	9/6/2011 3:46:00 PM
o-Xylene	12	6.6		ug/m3	10	9/6/2011 3:46:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2011 12:02:00 PM
Styrene	< 0.65	0.65		ug/m3	1	9/6/2011 12:02:00 PM
Tetrachloroethylene	76	10		ug/m3	10	9/6/2011 3:46:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2011 12:02:00 PM
Toluene	300	23		ug/m3	40	9/6/2011 4:17:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2011 12:02:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2011 12:02:00 PM
Trichloroethene	2.3	0.82		ug/m3	1	9/6/2011 12:02:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2011 12:02:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2011 12:02:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2011 12:02:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *09-Sep-11*

CLIENT:	Environmental Business Consulting	**Client Sample ID:**	SG4
Lab Order:	C1109004	**Tag Number:**	824,714
Project:	242 Wallabout St	**Collection Date:**	8/19/2011
Lab ID:	C1109004-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	6.7	0.83		ug/m3	1	9/6/2011 12:34:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	9/6/2011 12:34:00 PM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	9/6/2011 12:34:00 PM
1,1-Dichloroethane	0.86	0.62		ug/m3	1	9/6/2011 12:34:00 PM
1,1-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2011 12:34:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	9/6/2011 12:34:00 PM
1,2,4-Trimethylbenzene	43	7.5		ug/m3	10	9/6/2011 5:04:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	9/6/2011 12:34:00 PM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2011 12:34:00 PM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	9/6/2011 12:34:00 PM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	9/6/2011 12:34:00 PM
1,3,5-Trimethylbenzene	3.3	0.75		ug/m3	1	9/6/2011 12:34:00 PM
1,3-butadiene	< 0.34	0.34		ug/m3	1	9/6/2011 12:34:00 PM
1,3-Dichlorobenzene	6.4	0.92		ug/m3	1	9/6/2011 12:34:00 PM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	9/6/2011 12:34:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	9/6/2011 12:34:00 PM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	9/6/2011 12:34:00 PM
4-ethyltoluene	3.2	0.75		ug/m3	1	9/6/2011 12:34:00 PM
Acetone	310	180		ug/m3	243	9/9/2011 9:04:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	9/6/2011 12:34:00 PM
Benzene	0.78	0.49		ug/m3	1	9/6/2011 12:34:00 PM
Benzyl chloride	< 0.88	0.88		ug/m3	1	9/6/2011 12:34:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	9/6/2011 12:34:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	9/6/2011 12:34:00 PM
Bromomethane	< 0.59	0.59		ug/m3	1	9/6/2011 12:34:00 PM
Carbon disulfide	0.51	0.47		ug/m3	1	9/6/2011 12:34:00 PM
Carbon tetrachloride	< 0.96	0.96		ug/m3	1	9/6/2011 12:34:00 PM
Chlorobenzene	0.84	0.70		ug/m3	1	9/6/2011 12:34:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	9/6/2011 12:34:00 PM
Chloroform	350	30		ug/m3	40	9/6/2011 5:36:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	9/6/2011 12:34:00 PM
cis-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2011 12:34:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2011 12:34:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	9/6/2011 12:34:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	9/6/2011 12:34:00 PM
Ethyl acetate	< 0.92	0.92		ug/m3	1	9/6/2011 12:34:00 PM
Ethylbenzene	5.5	0.66		ug/m3	1	9/6/2011 12:34:00 PM
Freon 11	11	0.86		ug/m3	1	9/6/2011 12:34:00 PM
Freon 113	< 1.2	1.2		ug/m3	1	9/6/2011 12:34:00 PM
Freon 114	< 1.1	1.1		ug/m3	1	9/6/2011 12:34:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *09-Sep-11*

CLIENT:	Environmental Business Consulting	**Client Sample ID:**	SG4
Lab Order:	C1109004	**Tag Number:**	824,714
Project:	242 Wallabout St	**Collection Date:**	8/19/2011
Lab ID:	C1109004-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	4000	180		ug/m3	243	9/9/2011 9:04:00 AM
Heptane	< 0.62	0.62		ug/m3	1	9/6/2011 12:34:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	9/6/2011 12:34:00 PM
Hexane	< 0.54	0.54		ug/m3	1	9/6/2011 12:34:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	9/6/2011 12:34:00 PM
m&p-Xylene	34	13		ug/m3	10	9/6/2011 5:04:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2011 12:34:00 PM
Methyl Ethyl Ketone	16	9.0		ug/m3	10	9/6/2011 5:04:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	9/6/2011 12:34:00 PM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	9/6/2011 12:34:00 PM
Methylene chloride	0.67	0.53		ug/m3	1	9/6/2011 12:34:00 PM
o-Xylene	7.2	0.66		ug/m3	1	9/6/2011 12:34:00 PM
Propylene	< 0.26	0.26		ug/m3	1	9/6/2011 12:34:00 PM
Styrene	1.2	0.65		ug/m3	1	9/6/2011 12:34:00 PM
Tetrachloroethylene	720	41		ug/m3	40	9/6/2011 5:36:00 PM
Tetrahydrofuran	< 0.45	0.45		ug/m3	1	9/6/2011 12:34:00 PM
Toluene	52	5.7		ug/m3	10	9/6/2011 5:04:00 PM
trans-1,2-Dichloroethene	< 0.60	0.60		ug/m3	1	9/6/2011 12:34:00 PM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	9/6/2011 12:34:00 PM
Trichloroethene	42	8.2		ug/m3	10	9/6/2011 5:04:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	9/6/2011 12:34:00 PM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	9/6/2011 12:34:00 PM
Vinyl chloride	< 0.39	0.39		ug/m3	1	9/6/2011 12:34:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories

Chain of Custody

143 Midler Park Drive
Syracuse, NY 13212
Contact #'s Lower Right
www.CentekLabs.com

Site Name: 242 Wallabout Street
Project: Brooklyn, NY
PO#:
Other:

Detection Limit	Report Level
☐ 5ppbv	☐ Level I
☐ 1ug/M3	☐ Level II
☐ 1ug/M3 +TCE .25	☐ Cat "B" Like

Turnaround Time:	Check One	Rush TAT Surcharge %	Due Date:
5 Business Days	✓	0%	
4 Business Days	☐	35%	
3 Business Days	☐	50%	
2 Business Days	☐	75%	
Next Day by 5pm	☐	100%	
Next Day by Noon	☐	150%	
Same Day	☐	200%	

Company: EBC
Report:
Phone:
Fax:
Email:

Company:
Invoice:
Phone:
Fax:
Email:

Sample ID	Date Sampled	Canister Number	Regulator Number	Analysis Request	Comments	Vacuum Start/Stop
SG1	8·19·2011	823	522	TO 15		-30 in Hg / -7 in Hg
SG2	8·19·2011	830	728	TO15		-30 / -8
SG3	8·19·2011	~~824~~ 848	525	TO15		-29 / -7
SG4	8·19·2011	824	714	TO15		-29 / -7

C1109004

Chain of Custody	Print Name	Signature	Date/Time	Courier:	FedEx / UPS
Sampled by:	DOMINICK MOSCA	[signature]	8-19-2011	** By Signing this Centek Labs COC you are accepting Terms and Conditions on Back.	
Relinquished by:					
Received at Lab by:	Jan Scala	[signature]	8/31/11	p: (315) 431-9730	f: (315) 431-9731

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Report Date: 10/13/2011
Client Project ID: 242 Wallabort Street Brooklyn, NY
York Project (SDG) No.: 11J0295

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854 PA License No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 10/13/2011
Client Project ID: 242 Wallabort Street Brooklyn, NY
York Project (SDG) No.: 11J0295

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 10, 2011 and listed below. The project was identified as your project: **242 Wallabort Street Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
11J0295-01	B6 10-12'	Soil	10/04/2011	10/10/2011
11J0295-02	B7 10-12'	Soil	10/04/2011	10/10/2011
11J0295-03	B8 10-12'	Soil	10/04/2011	10/10/2011

General Notes for York Project (SDG) No.: 11J0295

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: **Date:** 10/13/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B6 10-12' **York Sample ID:** 11J0295-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11J0295	242 Wallabort Street Brooklyn, NY	Soil	October 4, 2011 3:00 pm	10/10/2011

Mercury by 7470/7471 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.128	0.132	1	EPA SW846-7471	10/13/2011 11:21	10/13/2011 11:21	AA

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**75.8**		%	0.100	0.100	1	SM 2540G	10/12/2011 14:12	10/12/2011 14:12	AMC

Sample Information

Client Sample ID: B7 10-12' **York Sample ID:** 11J0295-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11J0295	242 Wallabort Street Brooklyn, NY	Soil	October 4, 2011 3:00 pm	10/10/2011

Mercury by 7470/7471 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.135	0.139	1	EPA SW846-7471	10/13/2011 11:21	10/13/2011 11:21	AA

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**71.8**		%	0.100	0.100	1	SM 2540G	10/12/2011 14:12	10/12/2011 14:12	AMC

Sample Information

Client Sample ID: B8 10-12' **York Sample ID:** 11J0295-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11J0295	242 Wallabort Street Brooklyn, NY	Soil	October 4, 2011 3:00 pm	10/10/2011

Mercury by 7470/7471 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.49**		mg/kg dry	0.151	0.156	1	EPA SW846-7471	10/13/2011 11:21	10/13/2011 11:21	AA

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**64.2**		%	0.100	0.100	1	SM 2540G	10/12/2011 14:12	10/12/2011 14:12	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

Corrective Action:

AGS

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page____ of ____

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 11J0295

Client Information	Report To:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: EBC	Company:	Company:	242 Wallabout Street Brooklyn NY	24 hr ____	Summary Results Only ____ QA/QC Summary ____
Address:	Address:	Address:	**Purchase Order No.**	48 hr ____	RCP Package ____ ASP B Pkg ____
Phone No.	Phone No.	Phone No.		72 hr ✓	ASP A Pkg ____ Excel format ____
Contact Person:	Attention:	Attention:		5 Day ____	EDD ____ OTHER ____
E-Mail Address:	E-Mail Address:	E-Mail Address:		Standard ____	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Kevin Walsh

Name (printed)

Matrix Codes
- S - soil
- Other - specify(oil, etc.)
- WW - wastewater
- GW - groundwater
- DW - drinking water
- Air-A - ambient air
- Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part360-Expanded No Dioxin/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
- Field Filtered ☐
- Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below								Container Description(s)
B6 10-12'	10/9/11	Soil				Hg					
B7 10-12'	↓	↓				↓					
B9 10-12'											

Comments

Preservation Check those Applicable								
4°C____ HCl	Frozen____ MeOH	4°C____	4°C____	HNO_3____ 4°C	4°C____ H_2SO_4____	4°C____ Other	4°C____ ZnAc	H_2SO_4____ Ascorbic	NaOH____ Other____

Samples Relinquished By: [signature] Date/Time: 10/10/11

Samples Relinquished By: ____ Date/Time: ____

Samples Received By: Kyle Bach Date/Time: 10-10-11 1220 pm

Samples Received in LAB by: [signature] Date/Time: 10/10/11-1610

Temperature on Receipt: 5.1 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Report Date: 11/01/2011
Client Project ID: 242 Wallabout Street, Brooklyn, NY
York Project (SDG) No.: 11J0807

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854 PA License No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 11/01/2011
Client Project ID: 242 Wallabout Street, Brooklyn, NY
York Project (SDG) No.: 11J0807

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 25, 2011 and listed below. The project was identified as your project: **242 Wallabout Street, Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
11J0807-01	PSG5	Soil Vapor	10/24/2011	10/25/2011
11J0807-02	PSG6	Soil Vapor	10/24/2011	10/25/2011

General Notes for York Project (SDG) No.: 11J0807

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: **Date:** 11/01/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **PSG5** **York Sample ID:** **11J0807-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11J0807	242 Wallabout Street, Brooklyn, NY	Soil Vapor	October 24, 2011 3:00 pm	10/25/2011

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**5.4**		ug/m³	0.22	1.2	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.37	1.6	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.12	1.7	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.31	1.2	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.11	0.92	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.13	0.90	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.37	1.7	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
95-63-6	**1,2,4-Trimethylbenzene**	**6.5**		ug/m³	0.13	1.1	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.34	1.4	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.22	0.92	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.23	1.0	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.27	1.6	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
108-67-8	**1,3,5-Trimethylbenzene**	**3.7**		ug/m³	0.14	1.1	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.15	0.98	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.25	1.4	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.30	1.4	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.74	0.82	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	0.13	1.1	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
78-93-3	**2-Butanone**	**3.2**		ug/m³	0.27	0.67	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
591-78-6	2-Hexanone	ND		ug/m³	0.51	0.93	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
107-05-1	3-Chloropropene	ND		ug/m³	0.13	0.71	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.93	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
67-64-1	**Acetone**	**24**	B	ug/m³	0.17	0.54	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
71-43-2	Benzene	ND		ug/m³	0.11	0.72	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.14	1.2	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.34	1.4	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
75-25-2	Bromoform	ND		ug/m³	0.42	2.3	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
74-83-9	Bromomethane	ND		ug/m³	0.11	0.88	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.085	0.71	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.17	0.71	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.19	1.0	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
75-00-3	Chloroethane	ND		ug/m³	0.072	0.60	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
67-66-3	Chloroform	ND		ug/m³	0.17	1.1	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.14	0.47	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **PSG5** **York Sample ID:** **11J0807-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11J0807	242 Wallabout Street, Brooklyn, NY	Soil Vapor	October 24, 2011 3:00 pm	10/25/2011

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	0.90	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.26	1.0	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
110-82-7	Cyclohexane	ND		ug/m³	0.094	0.78	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
75-71-8	**Dichlorodifluoromethane**	**3.8**		ug/m³	0.28	1.1	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.20	0.82	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
100-41-4	**Ethyl Benzene**	**2.8**		ug/m³	0.18	0.98	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.44	2.4	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
67-63-0	Isopropanol	ND		ug/m³	0.20	0.56	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.098	0.82	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
75-09-2	**Methylene chloride**	**18**		ug/m³	0.19	3.9	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
142-82-5	n-Heptane	ND		ug/m³	0.11	0.93	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
110-54-3	**n-Hexane**	**4.6**		ug/m³	0.096	0.80	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
95-47-6	**o-Xylene**	**2.6**		ug/m³	0.18	0.98	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
1330-20-7P/M	**p- & m- Xylenes**	**8.4**		ug/m³	0.33	0.98	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
622-96-8	**p-Ethyltoluene**	**9.7**		ug/m³	0.20	1.1	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
115-07-01	Propylene	ND		ug/m³	0.18	0.39	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
100-42-5	Styrene	ND		ug/m³	0.17	0.97	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.18	1.5	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.17	0.67	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
108-88-3	**Toluene**	**4.0**		ug/m³	0.21	0.85	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.11	0.90	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.19	1.0	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.15	0.61	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**73**		ug/m³	0.076	1.3	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.12	0.80	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
593-60-2	Vinyl bromide	ND		ug/m³	0.15	0.99	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.14	0.58	2.23	EPA Compendium TO-15	10/28/2011 19:40	10/28/2011 19:40	TD

Sample Information

Client Sample ID: **PSG6** **York Sample ID:** **11J0807-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11J0807	242 Wallabout Street, Brooklyn, NY	Soil Vapor	October 24, 2011 3:00 pm	10/25/2011

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: PSG6 **York Sample ID:** 11J0807-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11J0807	242 Wallabout Street, Brooklyn, NY	Soil Vapor	October 24, 2011 3:00 pm	10/25/2011

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**5.2**		ug/m³	0.20	1.1	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.33	1.4	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.11	1.5	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.27	1.1	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.097	0.81	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.12	0.79	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.33	1.5	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
95-63-6	**1,2,4-Trimethylbenzene**	**6.2**		ug/m³	0.12	0.98	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.30	1.2	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.19	0.81	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.20	0.93	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.24	1.4	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
108-67-8	**1,3,5-Trimethylbenzene**	**3.6**		ug/m³	0.13	0.98	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.13	0.87	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.22	1.2	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.26	1.2	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.65	0.72	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	0.11	0.94	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
78-93-3	**2-Butanone**	**2.9**		ug/m³	0.24	0.59	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
591-78-6	2-Hexanone	ND		ug/m³	0.45	0.82	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
107-05-1	3-Chloropropene	ND		ug/m³	0.11	0.63	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.30	0.82	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
67-64-1	**Acetone**	**22**	B	ug/m³	0.15	0.48	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
71-43-2	Benzene	ND		ug/m³	0.096	0.64	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.12	1.0	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.30	1.2	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
75-25-2	Bromoform	ND		ug/m³	0.37	2.1	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
74-83-9	Bromomethane	ND		ug/m³	0.093	0.78	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.075	0.62	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.15	0.63	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.17	0.92	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
75-00-3	Chloroethane	ND		ug/m³	0.063	0.53	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
67-66-3	Chloroform	ND		ug/m³	0.15	0.98	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.12	0.41	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.13	0.79	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **PSG6** **York Sample ID:** **11J0807-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11J0807	242 Wallabout Street, Brooklyn, NY	Soil Vapor	October 24, 2011 3:00 pm	10/25/2011

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.23	0.91	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
110-82-7	Cyclohexane	ND		ug/m³	0.083	0.69	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
75-71-8	**Dichlorodifluoromethane**	**3.3**		ug/m³	0.25	0.99	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.18	0.72	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
100-41-4	**Ethyl Benzene**	**2.4**		ug/m³	0.16	0.87	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.38	2.1	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
67-63-0	Isopropanol	ND		ug/m³	0.17	0.49	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.086	0.72	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
75-09-2	**Methylene chloride**	**16**		ug/m³	0.17	3.5	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
142-82-5	n-Heptane	ND		ug/m³	0.098	0.82	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
110-54-3	**n-Hexane**	**4.1**		ug/m³	0.085	0.71	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
95-47-6	**o-Xylene**	**2.4**		ug/m³	0.16	0.87	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
1330-20-7P/M	**p- & m- Xylenes**	**7.9**		ug/m³	0.30	0.87	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
622-96-8	**p-Ethyltoluene**	**9.8**		ug/m³	0.18	0.98	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
115-07-01	Propylene	ND		ug/m³	0.16	0.34	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
100-42-5	Styrene	ND		ug/m³	0.15	0.85	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.16	1.4	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.15	0.59	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
108-88-3	**Toluene**	**3.6**		ug/m³	0.18	0.75	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.095	0.79	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.16	0.91	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
79-01-6	**Trichloroethylene**	**1.1**		ug/m³	0.13	0.54	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**66**		ug/m³	0.068	1.1	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.11	0.71	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
593-60-2	Vinyl bromide	ND		ug/m³	0.13	0.88	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.51	1.969	EPA Compendium TO-15	10/28/2011 21:16	10/28/2011 21:16	TD

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

Corrective Action:

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 11 J0807

YOUR Information

Company: EBC
Address: 1808 Middle Country Rd Ridge, NY 11961
Phone No. 631-504-6000
Contact Person: Charlie Sosik
E-Mail Address: On File

Report To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

242 Wallabout Street
Brooklyn, NY

Purchase Order No.

Samples from: CT___ NY ✓ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☑

Report Type/Deliverables

- Summary Report ✓
- Summary w/ QA Summary ___
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B/CLP Pkg ___
- NJDEP Reduced ___

Electronic Deliverables:

- EDD (Specify Type) ___
- Standard Excel ✓
- Regulatory Comparison Excel ___

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Dominick Mosca
Name (printed)

Air Matrix Codes

- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

- EPA TO-15 List
- EPA TO-14A List
- NYSDEC VI list
- Tentatively Identified Compounds
- NYSDEC STARS List
- Air VPH
- Project Specific List by TO-15
- Helium
- NJDEP Target List
- Methane
- CTDEP RCP Target List
- OTHER___

Detection Limits Required

- ≤ 1 ug/m³ ___
- NYSDEC VI Limits___ (VI = vapor intrusion)
- NJDEP low level ___
- Routine Survey ___
- Other___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
PSG5	10-24-2011	AS	-29	-8	TO-15	6 Liter Summa canister ✓ Tedlar Bag___
PSG6	10-24-2011	AS	-28	-6	TO-15	6 Liter Summa canister ✓ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___

Comments

Samples Relinquished By — Date/Time: 10-25-2011 1227

Samples Relinquished By — Date/Time:

Samples Received By: K. Barker — Date/Time: 10-25-11 1230 PM

Samples Received in LAB by: Pham — Date/Time: 10/25/11 1540