23 WEST 116TH STREET

MANHATTAN, NEW YORK

Remedial Investigation Report

NYC BCP Site Number: 12CBCP033M & 12CBCP034M
E-Designation Site Number: 12RH-A116M

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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, Paul H. Ciminello 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 23 West 116th Street, Manhattan Site, (NYC BCP Site No. 12CBCP033M & 12CBCP034M). 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.

Paul H. Ciminello 12-21-11

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 the rear (western) portion of the property located at 1428 Fifth Avenue in the Harlem section in Manhattan, New York and is identified as Block 1600 and Lot 20 on the New York City Tax Map. Figure 2 shows the Site location. The Site is 37,303-square feet and is bounded by West 117th Street to the north, West 116th Street to the south, multi-family residential structures to the east, and a multi-family residential structure to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is utilized as an ancillary property associated with the eastern adjoining residential structure located at 1428 Fifth Avenue. It contains a courtyard, a private basketball court, and a paved parking area.

Summary of Proposed Redevelopment Plan

Layout of the proposed site development is presented in **Figure 3**. The current zoning designation is C4-5X, which is part of the contextual zoning districts. The proposed use is consistent with current zoning for the property.

The proposed future use of the Site will consist of a 9-story and 12-story mixed-use building (north and south buildings) with a total of 251,600 gross square footage (SF), containing approximately 221,149 SF of residential space (194 units), approximately 20,000 SF of commercial retail space, and approximately 10,418 SF of community facility space on 23 West 116th Street (project site). In addition, the proposed action would also include 112 accessory parking spaces located in the cellar.

According to proposed development plans provided by West 116 Residential LLC, the 9-story north building and 12-story south building are planned to be built over the entire lot of the Site and will be approximately 100 (North building) and 125 (South building) feet tall, respectively. The north and south buildings will include a contiguous cellar used for parking space and a contiguous first story used for commercial retail space in both the North and South

buildings, community facility space in the North building and a central portion open space. The cellar will be excavated to a depth of approximately 11 feet below surface grade. Excavation below the water table is not anticipated as part of proposed development. An estimated 16, 600 cubic yards of soil is anticipated to be excavated as part of construction activities. No demolition activities are included in the plans for development.

Summary of Past Uses of Site and Areas of Concern

The subject property currently contains a basketball court, a paved parking area, and a maintained courtyard area. According to Sanborn maps, the western portion of the subject property historically contained "Public School No. 184" from prior to 1902 until sometime between 1951 and 1976. The northeastern portion of the subject property formerly contained mixed-use structures from sometime between 1902 and 1976. The AOCs identified for this site include:

1. The paved parking lot located on the western portion of the Site.
2. Portions of the property located near the Site boundaries that may have been impacted by spills and/or petroleum bulk storage at nearby properties.
3. The volume and integrity of on-site fill material has not been determined.

Summary of the Work Performed under the Remedial Investigation

On behalf of West 116 Residential LLC, the following services were conducted by ESI on selected portions of the Site consistent with the approved Site Investigation Work Plan. These activities were pre-reviewed and pre-approved by MOER on July 7, 2011:

1. Extended seven soil borings throughout the Site to a depth of 15 feet through a maximum depth of 22.3 feet below grade. Soil samples were collected from each of these borings and one boring was completed as a permanent monitoring well (MW-1);

2. Extended three additional soil borings in the on-site courtyard and paved parking areas to a depth of six feet below surface grade. Soil and soil gas samples were collected from each these borings;

3. Collected groundwater samples from the newly installed monitoring well MW-1, and from two pre-existing on-site monitoring wells (MW-2 and MW-3). Groundwater samples were analyzed for VOCs, polynuclear aromatic hydrocarbons (PAHs), pesticides and PCBs, and metals; and,

4. Seven subsurface soil samples and three surface soil samples were collected from the ten soil borings that were extended during fieldwork activities. Each of the soil samples were analyzed for VOCs, SVOCs, polychlorinated biphenyls (PCBs), pesticides, and TAL metals.

Summary of Environmental Findings

Findings of this Remedial Investigation Report are the following:

1. Elevation of the property is approximately 30 feet above sea level.

2. Depth to groundwater ranges from 10 to 15 feet below surface grade at the Site although the shallower groundwater may represent localized perched water.

3. Groundwater flow is generally from northeast to southwest beneath the Site.

4. Depth to bedrock is approximately greater than 23 feet at the Site.

5. The stratigraphy of the site, from the surface down, consists of up to 10 feet of urban fill and/or brown, dry, medium to coarse sands with gravel and brick fragments underlain by 7-9' feet of brown, moist, firm sandy silt with weathered rock. The total volume of urban fill estimated to be present on this Site is 12,500 cubic yards.

6. Soil tests and field observations document the presence of fill material on the Site from the surface to a depth of approximately 11 feet below grade. PCBs were not detected in soil samples. Metals were detected in all samples at low levels. Only barium (1160 ppm) and lead (499 pm) were detected in excess of NYSDEC Part 375 Track 2 Restricted Residential (Track 2) Soil Cleanup Objectives (SCOs). Several other metals marginally exceeded Track 1 Unrestricted SCOs but not Track 2 including zinc, nickel, copper, and cadmium. PAHs were detected in six of nine samples, but exceeded SCO only in two shallow soil samples. These exceedances included PAH compounds including benzo(a)anthracene at19 ppm, benzo(a)pyrene

at 17 ppm, Benzo(b)fluoranthane at 11.6 ppm and chrysene at 22.6 ppm. Low levels of pesticides were detected in shallow soils and none above Track 2 Restricted Residential SCOs. Two VOCs were detected but were below Track 1 SCOs. They include methylene chloride which was detected in all samples including batch blank samples, indicating that it is not derived from the site. These findings are unremarkable and do not indicate an onsite source of contamination. Field observations and laboratory data support the conclusion that the source of low levels of contaminants observed is urban fill.

Groundwater results indicate VOC concentrations in excess of 6 NYCRR Part 703.6 Groundwater Quality Standards (GQS) in both the upgradient and the downgradient wells. MTBE was detected at 16 ppb, cis1,2-Dichloroethylene was detected at 37 ppb in one well only and in excess of GQS of 10 and 5, respectively. PCE was detected at 9.3 ppb, and TCE was detected at 4.4 ppb in one well only, with only PCE slightly above GQS of 5 ppb. No other VOCs were detected in any monitoring well. The three VOCs that exceed GQS are located near the property boundary on the upgradient portion of the property and, given the absence of these compounds in onsite soil, and the limited environmental history of the property, suggest an off-site source area. SVOCs, pesticides and PCBs were not detected in any well. Low levels of metals were detected in all wells, but none exceeded GQS.

Soil vapor samples collected during the RI showed numerous VOCs detected at generally low concentrations, including compounds listed in the NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006) Decision Matrices. These include acetone (160 to 260ug/m^3), TCE (4 ug/m^3) and PCE (8.0 to 90 ug/m^3). Soil gas testing documents no VOC concentrations in excess of NYSDOH guidance values.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

West 116 Residential LLC has enrolled in the New York City Brownfield Cleanup Program (NYC BCP) to investigate and remediate a 0.86-acre site located at 23 West 116th Street in the Harlem section of Manhattan, New York. Mixed commercial residential use is proposed for the property. The RI work was performed between June 2011 and September 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 23 West 116th Street in the Harlem section in Manhattan, New York and is identified as Block 1600 and Lot 20 on the New York City Tax Map. **Figure 2** shows the Site location. The Site is 37,303-square feet and is bounded by West 117th Street to the north, West 116th Street to the south, multi-family residential structures to the east, and a multi-family residential structure to the west. A map of the site boundary is shown in **Figure 2**. Currently, the Site is utilized as an ancillary property associated with the eastern adjoining residential structure located at 1428 Fifth Avenue. It contains a courtyard, a private basketball court, and a paved parking area.

1.2 PROPOSED REDEVELOPMENT PLAN

Layout of the proposed site development is presented in **Figure 3**. The current zoning designation is C4-5X, which is part of the contextual zoning districts. The proposed use is consistent with current zoning for the property.

The proposed future use of the Site will consist of a 9-story and 12-story mixed-use building (north and south buildings) with a total of 251,600 gross square footage (SF), containing approximately 221,149 SF of residential space (194 units), approximately 20,000 SF of commercial retail space, and approximately 10,418 SF of community facility space on 23 West

116th Street (project site). In addition, the proposed action would also include 112 accessory parking spaces located in the cellar.

According to proposed development plans provided by West 116 Residential LLC, the 9-story north building and 12-story south building are planned to be built over the entire lot of the Site and will be approximately 100 (North building) and 125 (South building) feet tall, respectively. The north and south buildings will include a contiguous cellar used for parking space and a contiguous first story used for commercial retail space in both the North and South buildings, community facility space in the North building and a central portion open space. The cellar will be excavated to a depth of approximately 11 feet below surface grade. Excavation below the water table is not anticipated as part of proposed development. An estimated 16, 600 cubic yards of soil is anticipated to be excavated as part of construction activities. No demolition activities are included in the plans for development.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

The Site is located in an urban area that is comprised primarily of mixed-use, institutional, and multi-family residential properties. The Site and adjoining properties to the south and west are zoned for residential usage and commercial uses along the northern side of W 116th Street and the western side of Fifth Avenue. Adjoining properties to the north and east are zoned for residential usage. The “Children’s Aid Society” and “Public School #149” are located on adjoining/nearby properties to the north and northwest, respectively. No other sensitive receptors (hospitals, schools, etc.) are located within 500 feet of the subject property.

The adjoining and surrounding properties are described in the table below.

Direction	Adjoining Use(s)	Vicinity Use(s)
North	• Children's Aid Society • Mixed-use	• Residential • Public School #149 • Commercial
East	• Residential	• Residential • Mixed-use • Institutional
South	• Mixed-use	• Residential • Commercial
West	• Mixed-use	• Residential • Commercial

2.0 SITE HISTORY

2.1 PAST USES AND OWNERSHIP

The subject property currently contains a basketball court, a paved parking area, and a maintained courtyard area. According to Sanborn maps, the western portion of the subject property historically contained "Public School No. 184" from prior to 1902 until sometime between 1951 and 1976. The northeastern portion of the subject property formerly contained mixed-use structures from sometime between 1902 and 1976.

Property ownership information, based on information provided by the property manager, is presented in the table below.

Parcel ID	Owner	Date of Conveyance
Borough of Manhattan, Block 1600, Lot 20	West 116 Residential LLC NYC PARTNERSHIP HOUSING DEVELOPMENT FUND COMPANY	10/26/2009 4/14/1981

2.2 PREVIOUS INVESTIGATIONS

A Phase I Environmental Site Assessment (Phase I ESA) was prepared for the Site by Ecosystems Strategies, Inc., (ESI) in April 2009. No specific concerns were identified by the Phase I ESA, although the likely presence of urban fill was identified. New York City Department of Environmental Protection (NYCDEP) raised the following potential concerns, based on its review of the Phase I ESA:

- Petroleum release #0209842 (fuel oil) located approximately 200 feet to the northeast of the Site. This release has been "closed" by the NYSDEC.
- Petroleum release #0305658 (fuel oil) located approximately 200 feet to the southeast of the Site. This release has been "closed: by the NYSDEC.
- Petroleum release #0601808 (fuel oil) located approximately 300 feet to the south of the Site. This release is still "open".
- Petroleum Bulk Storage Tanks located to the northeast and northwest of the Site.

A Site Investigation Report (SIR) was prepared for the Site by ESI in September 2011. The SIR consisted of collecting soil, groundwater, and soil gas samples for laboratory analysis in order to document the presence or absence of on-site contamination as per the concerns that were raised by the NYCDEP. All relevant details for the SIR are provided in this RIR.

2.3 SITE INSPECTION

Site inspections were performed by ESI during a Phase I ESA and a Site Investigation Report in April 2009 and in June/July 2011, respectively. All previous environmental reports were prepared under the direction of Paul Ciminello, a Qualified Environmental Professional (QEP).

2.4 AREAS OF CONCERN

The AOCs identified for this site include:

1. The paved parking lot located on the western portion of the Site.
2. Portions of the property located near the Site boundaries that may have been impacted by spills and/or petroleum bulk storage at adjoining/nearby properties.
3. The volume and integrity of on-site fill material has not been determined.

Phase 1 Report is presented in **Appendix A**. A map showing areas of concern is presented in **Figure 4**.

3.0 PROJECT MANAGEMENT

3.1 PROJECT ORGANIZATION

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Paul H. Ciminello, President of Ecosystems Strategies, Inc.

Mr. Tell Metzger, representing West 116 Residential LLC, is the project manager for the proposed redevelopment activities.

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.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

On behalf of West 116 Residential LLC, the following services were conducted by ESI on selected portions of the Site consistent with the approved Site Investigation Work Plan. These activities were pre-reviewed and pre-approved by MOER on July 7, 2011:

1. Extended seven soil borings throughout the Site to a depth of 15 feet through a maximum depth of 22.3 feet below grade. Soil samples were collected from each of these borings and one boring was completed as a permanent monitoring well (MW-1);
2. Extended three additional soil borings in the on-site courtyard and paved parking areas to a depth of six feet below surface grade. Soil and soil gas samples were collected from each these borings;
3. Collected groundwater samples from the newly installed monitoring well MW-1, and from two pre-existing on-site monitoring wells (MW-2 and MW-3). Groundwater samples were analyzed for VOCs, polynuclear aromatic hydrocarbons (PAHs), pesticides and PCBs, and metals; and,
4. Seven subsurface soil samples and three surface soil samples were collected from the ten soil borings that were extended during fieldwork activities. Each of the soil samples were analyzed for VOCs, SVOCs, polychlorinated biphenyls (PCBs), pesticides, and TAL metals.

4.1 GEOPHYSICAL INVESTIGATION

No geophysical survey was conducted on this Site.

4.2 BORINGS AND MONITORING WELLS

Drilling and Soil Logging

A total of ten mechanized soil borings (inclusive of MW-1 that was completed as a monitoring well) were extended throughout Site with special emphasis placed on the site boundaries in order to ascertain the impacts from previously identified off-site conditions (see Section 2.2, above) on July 18-19, 2011. A Fieldwork Map indicating boring locations and

associated selected site features is provided as **Figure 1**.

All soil borings were extended by personnel from Soil Testing, Inc. using a truck-mounted direct-push corer equipped with disposable acetate sleeves (used to prevent the cross contamination of soil samples), with exception to borings B-9 and MW-1. Soil borings B-9 and MW-1 were completed using a truck-mounted rotary auger.

A MiniRAE 2000 (Model PGM 7600) photo-ionization detector (PID) was utilized by ESI personnel to screen all encountered material for the presence of any volatile organic vapors where appropriate. Prior to the initiation of fieldwork, this PID was properly calibrated to read parts per million calibration gas equivalents (ppm-cge) of isobutylene in accordance with protocols set forth by the equipment manufacturer. Soil screening was conducted at each boring location (with the exception of B-9) at four-foot intervals to a maximum depth of twenty-two feet below grade or until refusal was reached.

An assessment of subsurface soil characteristics, including soil type, the presence of foreign materials, field indications of contamination (e.g., unusual coloration patterns, or odors), and instrument indications of contamination (i.e., PID readings) was made by ESI personnel during the extension of each soil boring. ESI personnel maintained independent field logs documenting physical characteristics, PID readings, and any field indications of contamination for all encountered material at each boring location. Relevant information from logs for each boring location is summarized in the **Appendix B**.

Samples of soil material were collected from each of the soil borings where appropriate and notations were made regarding the sampled material's physical characteristics. A sufficient volume of material was collected at each sample location for the required analyses and for potential additional analyses. Soil samples were collected at various depths throughout the Site as per field observations, water table depths, and relative spatial separation that are specific to each boring location.

Boring logs prepared by URS Corporation are attached in **Appendix B**. A map showing the location of soil borings and monitor wells is shown in **Figure 1**.

Groundwater Monitoring Well Construction

Soil boring MW-1 was completed as permanent monitoring well on July 17, 2011 to provide additional data on groundwater (MW-2 and MW-3 had previously been installed for geotechnical purposes. The well was constructed of two-inch PVC casing and 0.01-inch slotted PVC well screening (screen interval from 12 to 22 feet below grade). The annular space between the well screen and the borehole was backfilled with clean #1 silica sand and a one-foot thick bentonite seal was poured above the sand. The annular space above the bentonite seal was then grouted with cement. Well casings were equipped with gripper caps and were finished with "drive-over" covers. The height of each well casing was surveyed to a vertical accuracy of 0.01 foot, relative to a fixed, on-site artificial benchmark elevation of 100', for use in determining relative groundwater elevations prior to sampling activities.

Survey

A fieldwork map showing each of the on-site soil borings and monitoring wells is provided as **Figure 1**.

Water Level Measurement

Depth to groundwater was measured at each of the on-site monitoring wells using an electronic depth meter accurate to the nearest 0.01-foot. Depth to groundwater for on-site monitoring wells is described as follows:

- MW-1 – 15.2 feet
- MW-2 – 15.3 feet
- MW-3 – 15.0 feet

Water level data is included in **Table 2**.

4.3 SAMPLE COLLECTION AND CHEMICAL ANALYSIS

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been

sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Ten soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Table1**. **Figure 1** shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

All soil samples collected by ESI as part of this investigation were obtained in a manner consistent with NYSDEC sample collection and decontamination protocols. All field personnel wore dedicated, disposable gloves, and all samples were placed into laboratory supplied containers. Soil samples were collected directly from the acetate sleeves.

All soil samples were placed in a cooler immediately after sample collection and were maintained at cold temperatures prior to transport to the laboratory. Samples were transported on the following day via courier to York Analytical Laboratories, Inc., a New York State Department of Health-certified laboratory (ELAP Certification Number 10854) for chemical analyses. Appropriate chain-of-custody procedures were followed.

Groundwater Sampling

Monitoring wells (MW-1, MW-2, and MW-3) were developed on July 27, 2011, in order to clear fine-grained material that might have settled around the well screen and to enhance the natural hydraulic connection between the well screen and the surrounding soils. Well development proceeded in a manner consistent with NYSDEC protocols. Prior to development, each monitoring well casing was opened and the well column was immediately screened with a PID to document the presence of any volatile organic vapors. Water removed from each monitoring well was visually inspected for indications of contamination. Development was conducted using dedicated plastic tubing and a whale pump, and was considered complete when all parameters (turbidity, conductivity, pH and temperature) stabilized. Well development was conducted for a minimum of two hours at each well; stabilization of parameters at MW-3 did not

occur until four hours after the start of development. No evidence of contamination (odors, sheens, or positive PID readings) was noted during well development and purge water was treated with activated carbon before being discharged.

Purging and sampling of monitoring wells was conducted on August 9, 2011. The volume of groundwater in each well was calculated (based on well depth and depth to water measurements) and at least one purge volume of water (three times the static well volume) was removed, using dedicated plastic tubing and a peristaltic pump, before groundwater samples were collected. Groundwater samples were collected into 40 ml vials preserved with hydrochloric acid for VOC analysis; 250 ml plastic jars preserved with nitric acid for TAL (unfiltered) metal analysis, and 1 liter amber jars with no preservative for PCB/pesticide analysis. No groundwater samples were filtered prior to submission to the laboratory. Sample collection was completed using sterile gloves to prevent cross-contamination.

Three groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in **Table 3**. Sampling logs with information on purging and sampling of groundwater monitor wells is included in **Table 4**. **Figure 1** shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Groundwater samples were not analyzed for all semi-volatile organic compounds (SVOCs) but only polycyclic aromatic hydrocarbons (PAHs). This determination was based on the absence of any SVOCs other than PAHs in all on-Site soil samples.

All groundwater samples were placed in a cooler immediately after sample collection and were maintained at cold temperatures prior to transport to the laboratory. Samples were transported on the following day via courier to York Analytical Laboratories, Inc., a New York State Department of Health-certified laboratory (ELAP Certification Number 10854) for chemical analyses. Appropriate chain-of-custody procedures were followed.

Soil Vapor Sampling

Soil gas samples were collected by inserting ¼" Teflon tubing into the invert of the six foot boring. The boring was then sealed using a non-VOC containing caulk in order to prevent the infiltration of surface air. Each soil-gas boring was purged for at least a period of five minutes, using a GilAir 3 air-sampling pump, at a rate of approximately 4 liters/minute. Soil-gas samples were collected into laboratory supplied six-liter Summa Canisters equipped with two hour flow controllers.

Three soil vapor probes were installed and three soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in **Figure 1**. Soil vapor sample collection data is reported in **Table 8**. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

Upon sample completion, the summa canisters were properly shut and transported on the following day via courier to York Analytical Laboratories, Inc., a New York State Department of Health-certified laboratory (ELAP Certification Number 10854) for chemical analyses. Appropriate chain-of-custody procedures were followed.

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 Paul H. Ciminello
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were York Analytical Laboratories, Inc.
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) – PAH Only; • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables **6-8**, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Appendix C**.

5.0 ENVIRONMENTAL EVALUATION

5.1 GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS

A review of the Geologic Map of New York and the Surficial Geologic Map of New York (lower Hudson sheets) indicates that soils on the subject property are likely to consist of glacial till deposits, overlying hard crystalline bedrock. Soil maps presented in the New York City Reconnaissance Soil Survey (Soil Survey), issued by the New York City Soil and Water Conservation District, indicate that the Pavement & buildings, till substratum (0-5% slopes) soil series is likely to be located on the property. The Pavement & buildings, till substratum soil series consists of nearly level to gently sloping, highly urbanized areas with more than 80% of the surface covered by impervious pavement and buildings, over glacial till. [Note: The Soil Survey provides only a general guide to soil patterns across the city.] The presence of an on-site development suggests that soils located on the property may have been altered by cutting, regarding and/or filling activities. No bedrock was observed on the property.

Stratigraphy

Subsurface soils encountered at the unpaved (northeastern) portion of the Site during the extension of the soil borings generally consisted of brown, dry, medium to coarse sands with gravel and brick fragments from 0-8’ bsg, overlying brown, moist, firm sandy silt with weathered rock from 8-15’ bsg. Fill materials were encountered at the paved parking lot (western) portion of the Site during the extension of soil borings B-4, B-5, B-9, and MW-1 from 0-6’ bsg. Groundwater was encountered during the extension of the soil borings at 10-14’ below surface grade.

Hydrogeology

A table of water level data for all monitor wells is included in **Table 2**. The average depth to groundwater is 15 feet bsg, although borings indicate the presence of limited perched groundwater as high as 10 feet bsg. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in **Figure** 1. Groundwater flow is from northeast to southwest.

5.2 SOIL CHEMISTRY

No visible field evidence of contamination was observed at any boring sampling location; however, positive low-level PID readings (3.5 ppm) and brick with shiny black fragments was encountered at 10' bsg during the extension of B-7. This condition is presumably from the remains of a chimney associated with a former on-site structure that is located in the subsurface; insufficient material was recovered to generate soil sample.

Soil tests and field observations document the presence of fill material on the Site from the surface to a depth of approximately 11 feet below grade. PCBs were not detected in soil samples. Metals were detected in all samples at low levels. Only barium (1160 ppm) and lead (499 pm) were detected in excess of NYSDEC Part 375 Track 2 Restricted Residential (Track 2) Soil Cleanup Objectives (SCOs). Several other metals marginally exceeded Track 1 Unrestricted SCOs but not Track 2 including zinc, nickel, copper, and cadmium. PAHs were detected in six of nine samples, but exceeded SCO only in two shallow soil samples. These exceedances included benzo compounds including benzo(a)anthracene at19 ppm, benzo(a)pyrene at 17 ppm, Benzo(b)fluoranthane at 11.6 ppm and chrysene at 22.6 ppm. Low levels of pesticides were detected in shallow soils and none above Track 2 Restricted Residential SCOs. Two VOCs were detected but were below Track 1 SCOs. They include methylene chloride which was detected in all samples including batch blank samples, indicating that it is not derived from the site. These findings are unremarkable and do not indicate an onsite source of contamination. Field observations and laboratory data support the conclusion that the source of low levels of contaminants observed is urban fill.

[w1]

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 **Table 1**. **Figure 1** shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 1 Unrestricted Use Soil Cleanup Objectives.

5.3 GROUNDWATER CHEMISTRY

Groundwater results indicate VOC concentrations in excess of 6 NYCRR Part 703.6 Groundwater Quality Standards (GQS) in both the upgradient and the downgradient wells.

MTBE was detected at 16 ppb, cis1,2-Dichloroethylene was detected at 37 ppb in one well only and in excess of GQS of 10 and 5, respectively. PCE was detected at 9.3 ppb, and TCE was detected at 4.4 ppb in one well only, with only PCE slightly above GQS of 5 ppb. No other VOCs were detected in any monitoring well. The three VOCs that exceed GQS are located near the property boundary on the upgradient portion of the property and, given the absence of these compounds in onsite soil, and the limited environmental history of the property, suggest an off-site source area. SVOCs, pesticides and PCBs were not detected in any well. Low levels of metals were detected in all wells, but none exceeded GQS.

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 **Table 7**. Exceedances of applicable groundwater standards are shown.

5.4 SOIL VAPOR CHEMISTRY

Soil vapor samples collected during the RI showed numerous VOCs detected at generally low concentrations, including compounds listed in the NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006) Decision Matrices. These include acetone (160 to 260ug/m^3), TCE (4 ug/m^3) and PCE (8.0 to 90 ug/m^3). Soil gas testing documents no VOC concentrations in excess of NYSDOH guidance values. Detectable levels of VOCs in on-site soils may be related to on-site fill.

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 8**.

5.5 PRIOR ACTIVITY

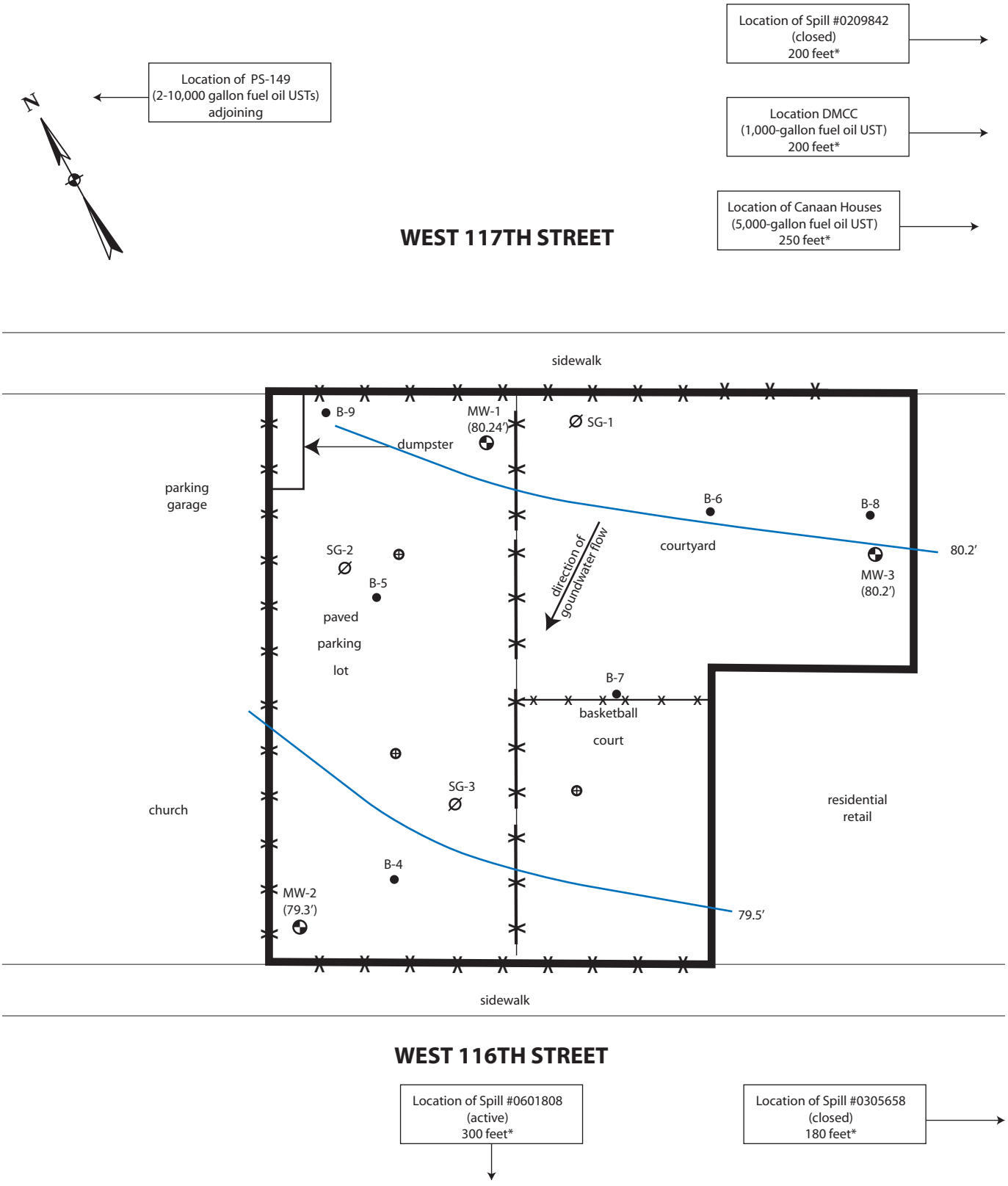
Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 IMPEDIMENTS TO REMEDIAL ACTION

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

Figures

Ecosystems Strategies, Inc.



All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 1: Fieldwork Map

23 West 116th Street
Borough of Manhattan, New York

Legend:

- subject property border
- chain link fence
- exterior drains
- boring location
- groundwater contours
- borings completed as monitoring wells (soil and groundwater sample locations)
- soil gas sample locations

*Distances are from the nearest Site border.

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Scale: 1" = 50'

Figures

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 2: Site Location Map 23 West 116th Street Borough of Manhattan, New York	Legend: subject property border	ESI File: LM09015.50 December 2011 Figures

PROPOSED ZONING SUMMARY (ZONING AREA AND FAR)

A. Permitted Floor Area Ratio (FAR) and Floor Area (FA)	FAR		Lot Area	FA	
Commercial	4.0	x	74,476.5 =	297,906	SF
Community Facility	5.0	x	74,476.5 =	372,383	SF
Residential	5.0	x	74,476.5 =	372,383	SF
Permitted Maximum	5.0	x	74,476.5 =	372,383	SF

B. Floor Area Ratio and Floor Area Summary

1) Existing Buildings				
Commercial	0.00	0	SF	0.00%
Community Facility	0.04	2,724	SF	0.81%
Residential	1.42	105,581	SF	31.44%
Total Existing	1.45	108,305	SF	32.25%
2) Enlargement				
Commercial	0.27	19,794	SF	5.89%
Community Facility	0.13	9,386	SF	2.79%
Residential	2.66	198,353	SF	59.06%
Total Enlargement	3.06	227,534	SF	67.75%
3) Total Existing and Enlargement				
Commercial	0.27	19,794	SF	5.89%
Community Facility	0.16	12,110	SF	3.61%
Residential	4.08	303,934	SF	90.50%
Total	4.51	335,838	SF	100.00%
Balance Unused	0.49	36,544	SF	

PROPOSED PARKING & LOADING SUMMARY

A. Required parking					
1) Commercial		None Required			
2) Community Facility		None Required			
3) Residential					
DU Provided:					
W117 Low Income Tenants		100 Units			
Public Housing Developments or Dwelling Units for					
W117 Low Income Tenants	15% of	DU	=	15	Spaces
W116 Market Rated		90 Units			
Market Rated	50% of	DU	=	45	Spaces
Total Required				60	Spaces
Existing Parking				32	Spaces
Permitted Parking				200	Spaces
Total Existing and Proposed (Attended)				166	Spaces
B. Loading Berth Required		None Required			
Loading Berth Proposed		One			

Figure 3
23 West 116th Street

PROPOSED DEVELOPMENT AXONOMETRIC VIEW (WEST 117TH STREET)

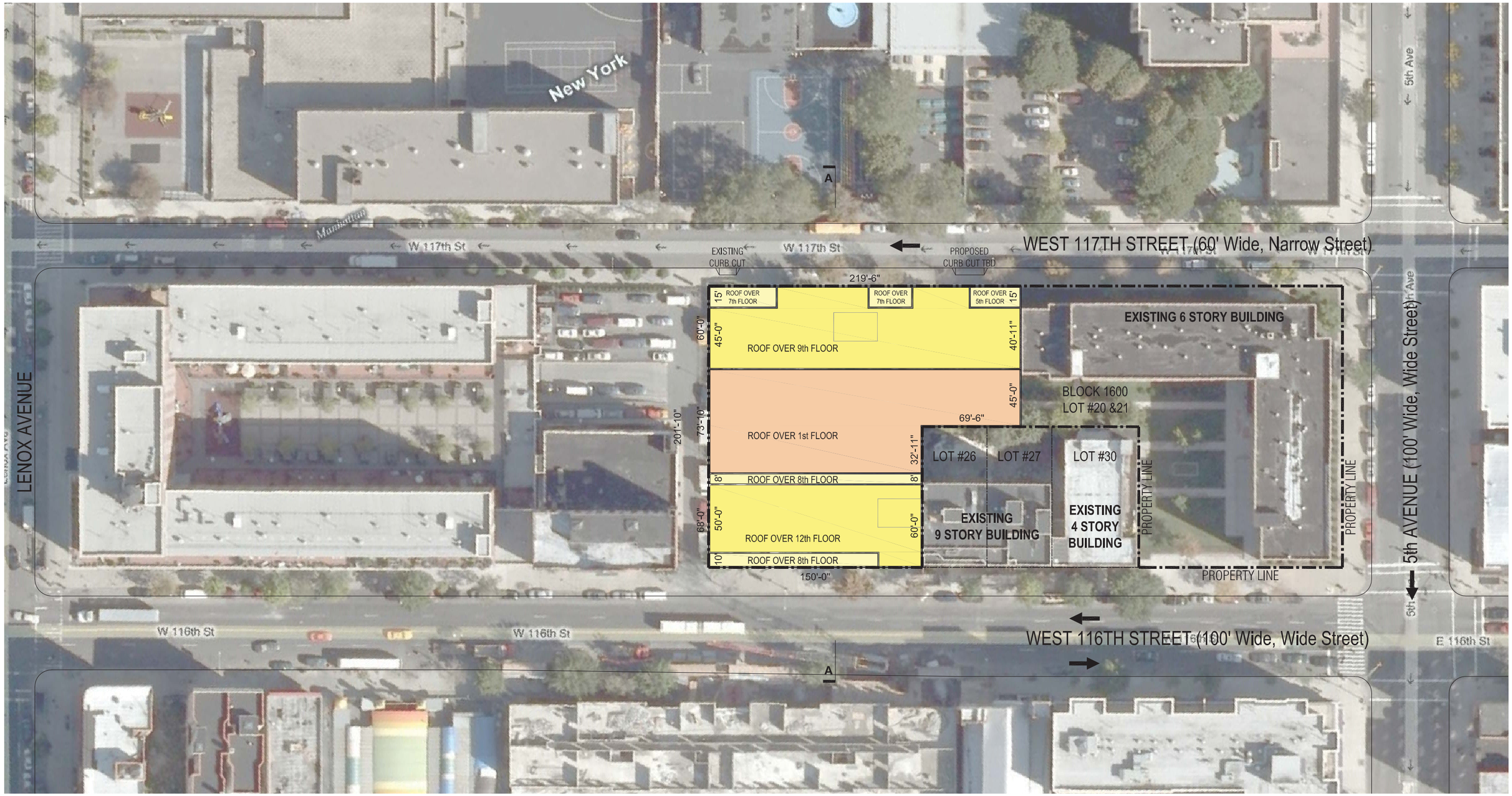
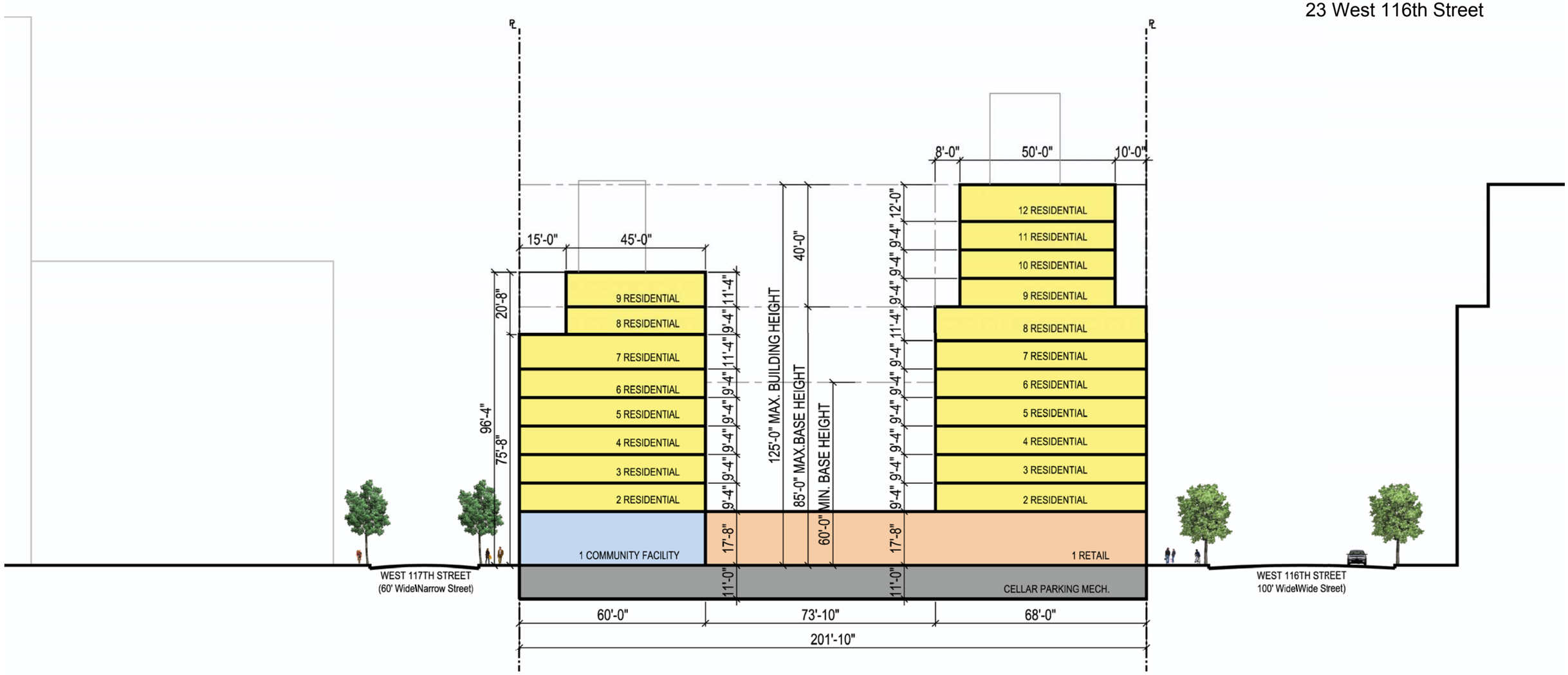


Figure 3
23 West 116th Street
PROPOSED DEVELOPMENT SITE PLAN

Figure 3
23 West 116th Street



PROPOSED DEVELOPMENT SECTION A-A

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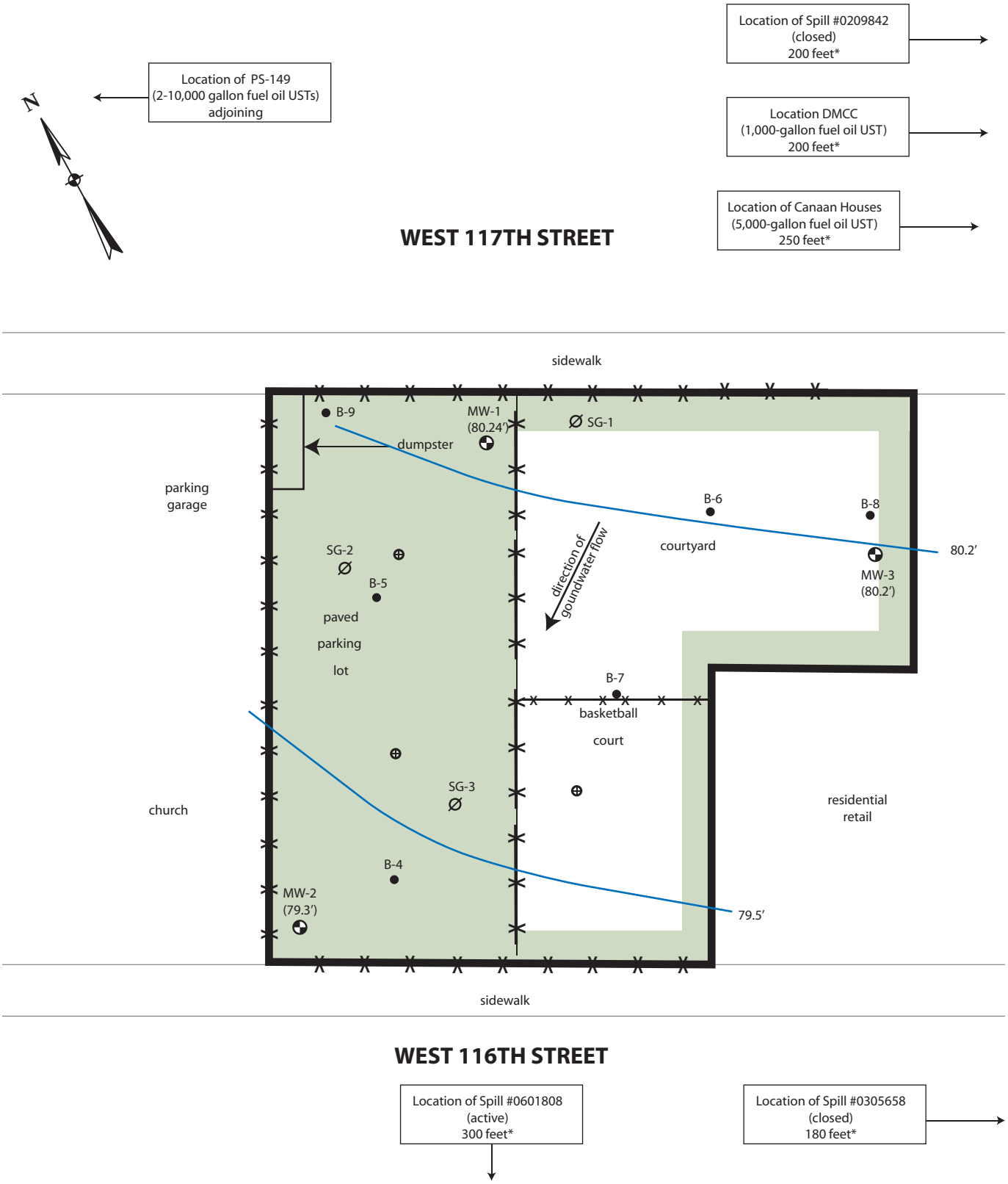

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 4: Areas of Concern

23 West 116th Street
Borough of Manhattan, New York

Legend:

- subject property border
- chain link fence
- exterior drains
- boring location
- groundwater contours
- borings completed as monitoring wells (soil and groundwater sample locations)
- area of concern
- soil gas sample locations

*Distances are from the nearest Site border.

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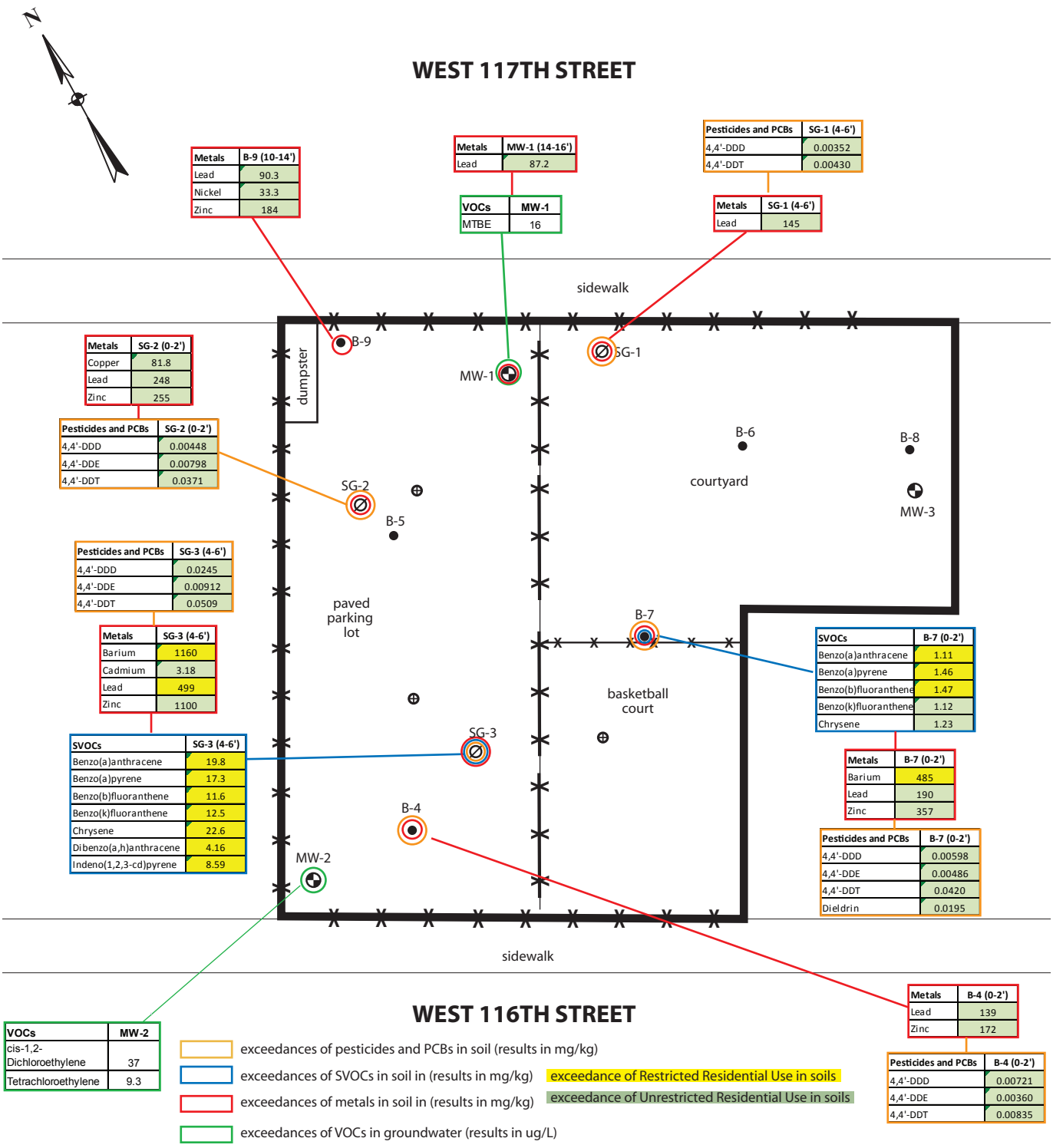
Scale: 1" = 50'

Figures

Ecosystems Strategies, Inc.



Metals	B-9 (10-14')
Lead	90.3
Nickel	33.3
Zinc	184

Metals	MW-1 (14-16')
Lead	87.2

VOCs	MW-1
MTBE	16

Pesticides and PCBs	SG-1 (4-6')
4,4'-DDD	0.00352
4,4'-DDT	0.00430

Metals	SG-1 (4-6')
Lead	145

Metals	SG-2 (0-2')
Copper	81.8
Lead	248
Zinc	255

Pesticides and PCBs	SG-2 (0-2')
4,4'-DDD	0.00448
4,4'-DDE	0.00798
4,4'-DDT	0.0371

Pesticides and PCBs	SG-3 (4-6')
4,4'-DDD	0.0245
4,4'-DDE	0.00912
4,4'-DDT	0.0509

Metals	SG-3 (4-6')
Barium	1160
Cadmium	3.18
Lead	499
Zinc	1100

SVOCs	SG-3 (4-6')
Benzo(a)anthracene	19.8
Benzo(a)pyrene	17.3
Benzo(b)fluoranthene	11.6
Benzo(k)fluoranthene	12.5
Chrysene	22.6
Dibenzo(a,h)anthracene	4.16
Indeno(1,2,3-cd)pyrene	8.59

SVOCs	B-7 (0-2')
Benzo(a)anthracene	1.11
Benzo(a)pyrene	1.46
Benzo(b)fluoranthene	1.47
Benzo(k)fluoranthene	1.12
Chrysene	1.23

Metals	B-7 (0-2')
Barium	485
Lead	190
Zinc	357

Pesticides and PCBs	B-7 (0-2')
4,4'-DDD	0.00598
4,4'-DDE	0.00486
4,4'-DDT	0.0420
Dieldrin	0.0195

Metals	B-4 (0-2')
Lead	139
Zinc	172

Pesticides and PCBs	B-4 (0-2')
4,4'-DDD	0.00721
4,4'-DDE	0.00360
4,4'-DDT	0.00835

VOCs	MW-2
cis-1,2-Dichloroethylene	37
Tetrachloroethylene	9.3

exceedances of pesticides and PCBs in soil (results in mg/kg)

exceedances of SVOCs in soil in (results in mg/kg)

exceedances of metals in soil in (results in mg/kg)

exceedances of VOCs in groundwater (results in ug/L)

exceedance of Restricted Residential Use in soils

exceedance of Unrestricted Residential Use in soils

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 5: Exceedances in Soils and Groundwater Map

23 West 116th Street
Borough of Manhattan, New York

Legend:

subject property border

chain link fence

exterior drains

boring location

borings completed as monitoring wells (soil and groundwater sample locations)

soil gas sample locations

*Distances are from the nearest Site border.

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Scale: 1" = 50'

Figures

TABLES

Table 1: Construction Details for Soil Borings and Monitoring Wells

	Identification Number	Date of construction	Total Depth	Diameter	Ground surface elevation	Screened interval (Elevation Range)	Construction Material (PVC, steel, etc)
Soil Borings	SG-1 SG-2 SG-3 B-4 B-5 B-6 B-7 B-8 B-9 MW-1	7/18/2011 7/18/2011 7/18/2011 7/18/2011 7/18/2011 7/18/2011 7/18/2011 7/19/2011 7/19/2011 7/19/2011	15 feet 15 feet 15 feet 15 feet 15 feet 15 feet 15 feet 15 feet 15 feet 22.3 feet			NA	NA
Monitor Wells	MW-1 MW-2 MW-3	7/19/2011 Unknown unknown	22.3 feet 24.4 feet 25.5 feet	2 inch 2 inch 2 inch	* 80.24 feet * 79.3 feet * 80.2 feet	12-22 feet Unknown unknown	PVC PVC PVC

*** Indicates an arbitrary elevation that was calculated relative to an artificial benchmark elevation of 100 feet.**

Table 2: Groundwater Level Data

Monitoring Well ID No.	Date	Water Depth
MW-1	8/9/2011	15.2’ bsg
MW-2	8/9/2011	15.3’ bsg
MW-3	8/9/2011	15.0’ bsg

Table 3: Groundwater Sampling Data

Well ID Number	Date & Time	Weather Condition (°F)	Headspace PID (ppm)	Purge volume (gallons)	pH	Dissolved Oxygen (mg/L)	Temperature (°C)	Total depth of the well from the top of casing or surveyors mark (feet)	Depth from the top of the casing to the water (feet)	Estimated water volume in the well (gallons)
MW-1	8/9/2011	85°F	0.0	7.5	6.59	0.88	19.55	22.3	15.2	1.16
MW-2	8/9/2011	85°F	0.0	6.2	6.69	0.55	20.73	24.4	15.3	1.48
MW-3	8/9/2011	85°F	0.0	6.5	6.61	0.67	20.35	25.5	15.0	2.53

Table 4: Groundwater Sampling Logs

Well ID Number	Purge Time (min) 8/9/2011	Purge Method	purge Rate (gallons/min)	Total Volume Purged (gallons)	pH	Dissolved Oxygen (mg/L)	Temperature (°C)	Depth from the top of the casing to the water after purging
MW-1	30	Peristaltic	0.25	7.5	6.61	0.74	19.93	10.1
MW-2	18	Peristaltic	0.25	4.5	6.71	0.63	19.42	11.2
MW-3	18	Peristaltic	0.25	4.5	6.61	0.69	19.38	12.1

Table 5: Calculation of BaP equivalent values:

cPAHs	Equivalent Factor	SG-1	SG-2	SG-3	B-4	B-5	B-6	B-7	B-8	B-9	MW-1
Benzo(a)pyrene	**1.0**	0.561	0.0547	17.3	0.287	0.0903	ND	1.46	NT	0.483	0.0570
Benzo(a)anthracene	**0.1**	ND	.0483	1.98	.0340	.00808	ND	.111	NT	.0445	ND
Benzo(b)fluoranthene	**0.1**	ND	.0445	1.16	0.0288	ND	ND	.0147	NT	.0270	ND
Benzo(k)fluoranthene	**0.01**	ND	.00461	.125	.00257	ND	ND	0112	NT	.0036	ND
Chrysene	**0.01**	.000857	0.00277	.226	.00409	ND	ND	.0123	NT	.00459	ND
Dibenzo(a,h)anthracene	**1.0**	ND	.122	4.16	ND	ND	ND	ND	NT	.0619	ND
Indeno(123-cd)pyrene	**0.1**	ND	.0226	.859	.0108	ND	ND	.0392	NT	.0133	ND

Table 6 (1 of 4): VOCs in Soil

All results in mg/kg

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample Identification									
			SG-1 (4-6')	SG-2 (0-2')	SG-3 (4-6')	B-4 (0-2')	B-5 (14-16')	B-6 (10-14')	B-7 (0-2')	B-8 (14-16')	B-9 (10-14')	MW-1 (14-16')
			7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/19/2011	7/19/2011	7/19/2011
1,1,1,2-Tetrachloroethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	100	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
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	0.33	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropylene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	52	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
1,2-Dichlorobenzene	1.1	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.06	4.8	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
Carbon tetrachloride	0.76	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	~	49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	0.93	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	100	0.022 B	0.027 B	0.033 B	0.026 B	0.028 B	0.029 B	0.019 B, J	0.025 B	0.021 B	0.025 J, B
n-Butylbenzene	12	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12	100	ND	ND	0.0069 J	ND	ND	ND	ND	ND	0.0075 J	ND
o-Xylene	0.26	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	1.3	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	0.19	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropylene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	0.47	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.2	0.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
B=analyte found in the analysis batch blank
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
ND = Not Detected
Blue shade indicates detectable concentrations
Bold and yellow shade indicates exceedance of Restricted Use "Restricted Residential" SCOs
Bold and green shade indicates exceedance of Unrestricted Use SCOs

ESI File: LM09015.20

Table 6 (2 of 4): SVOCs in Soil

All results in mg/kg

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Sample Identification									
			SG-1 (4-6')	SG-2 (0-2')	SG-3 (4-6')	B-4 (0-2')	B-5 (14-16')	B-6 (10-14')	B-7 (0-2')	B-8 (14-16')	B-9 (10-14')	MW-1 (14-16')
			7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/19/2011	7/19/2011	7/19/2011
			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
1,2,4-Trichlorobenzene	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
1,2-Dichlorobenzene	1.1	100	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
1,3-Dichlorobenzene	2.4	49	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
1,4-Dichlorobenzene	1.8	13	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
2,4,5-Trichlorophenol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
2,4,6-Trichlorophenol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
2,4-Dichlorophenol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
2,4-Dimethylphenol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
2,4-Dinitrophenol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
2,4-Dinitrotoluene	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
2,6-Dinitrotoluene	~	~	ND	ND	ND	ND	ND	ND	2.59	NT	ND	ND
2-Chloronaphthalene	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
2-Chlorophenol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
2-Methylnaphthalene	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
2-Methylphenol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
2-Nitrophenol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
3,3'-Dichlorobenzidine	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
3- & 4-Methylphenols	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
3-Nitroaniline	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
4,6-Dinitro-2-methylphenol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
4-Bromophenyl phenyl ether	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
4-Chloro-3-methylphenol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
4-Chloroaniline	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
4-Chlorophenyl phenyl ether	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
4-Nitroaniline	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
4-Nitrophenol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Acenaphthene	20	100	ND	ND	3.02 J	ND	ND	ND	ND	NT	ND	ND
Acenaphthylene	100	100	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Aniline	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Anthracene	100	100	0.0742 J	0.111 J	10.9	0.0688 J	ND	ND	0.229 J	NT	0.215	ND
Benzo(a)anthracene	1	1	ND	0.483	**19.8**	0.340	0.0808 J	ND	**1.11**	NT	0.445	ND
Benzo(a)pyrene	1	1	0.0561 J	0.547	**17.3**	0.287	0.0903 J	ND	**1.46**	NT	0.483	0.0570 J
Benzo(b)fluoranthene	1	1	ND	0.445	**11.6**	0.288	ND	ND	**1.47**	NT	0.270	ND
Benzo(g,h,i)perylene	100	100	ND	0.200	8.46	0.0899 J	ND	ND	0.353 J	NT	0.0791 J	ND
Benzo(k)fluoranthene	0.8	3.9	ND	0.461	**12.5**	0.257	ND	ND	1.12	NT	0.360	ND
Benzyl alcohol	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Benzyl butyl phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Bis(2-chloroethoxy)methane	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Bis(2-chloroethyl)ether	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Bis(2-chloroisopropyl)ether	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Bis(2-ethylhexyl)phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Chrysene	1	3.9	0.0857 J	0.777	**22.6**	0.409	ND	ND	1.23	NT	0.459	ND
Di-n-butyl phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Di-n-octyl phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Dibenzo(a,h)anthracene	0.33	0.33	ND	0.122 J	**4.16 J**	ND	ND	ND	ND	NT	0.0619 J	ND
Dibenzofuran	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Diethyl phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Dimethyl phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Fluoranthene	100	100	0.167 J	0.953	36.2	0.619	ND	ND	2.49	NT	1.08	ND
Fluorene	30	100	ND	ND	5.31	ND	ND	ND	ND	NT	0.0705 J	ND
Hexachlorobenzene	0.33	1.2	ND	ND	ND	ND	ND	ND	0.148 J	NT	ND	ND
Hexachlorobutadiene	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Hexachlorocyclopentadiene	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Hexachloroethane	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	ND	0.226	**8.59**	0.108 J	ND	ND	0.392 J	NT	0.133 J	ND
Isophorone	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
N-nitroso-di-n-propylamine	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
N-Nitrosodimethylamine	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
N-Nitrosodiphenylamine	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Naphthalene	12	100	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Nitrobenzene	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Pentachlorophenol	0.8	6.7	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Phenanthrene	100	100	0.0808 J	0.426	ND	0.246	ND	ND	1.00	NT	0.779	ND
Phenol	0.33	100	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Pyrene	100	100	0.154 J	0.897	31.9	0.564	0.113 J	0.0906 J	2.16	NT	0.872	0.0916 J
Pyridine	~	~	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND

NOTES:
B=analyte found in the analysis batch blank
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
ND = Not Detected
Blue shade indicates detectable concentrations
Bold and yellow shade indicates exceedance of Restricted Use "Restricted Residential" SCOs
Bold and green shade indicates exceedance of Unrestricted Use SCOs

ESI File: LM09015.20

Table 6 (3 of 4): Pesticides and PCBs in Soil

All results in mg/kg

Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use SCOs - Restricted Residential	Sample Identification									
			SG-1 (4-6') 7/18/2011	SG-2 (0-2') 7/18/2011	SG-3 (4-6') 7/18/2011	B-4 (0-2') 7/18/2011	B-5 (14-16') 7/18/2011	B-6 (10-14') 7/18/2011	B-7 (0-2') 7/18/2011	B-8 (14-16') 7/19/2011	B-9 (10-14') 7/19/2011	MW-1 (14-16') 7/19/2011
4,4'-DDD	**0.0033**	**13**	0.00352	0.0448	0.0245	0.00721	ND	ND	0.00598	NT	ND	ND
4,4'-DDE	**0.0033**	**8.9**	ND	0.00798	0.00912	0.00360	ND	ND	0.00486	NT	ND	ND
4,4'-DDT	**0.0033**	**7.9**	0.00430	0.0371	0.0509	0.00835	ND	ND	0.0420	NT	ND	ND
Aldrin	**0.005**	**0.097**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
alpha-BHC	**0.02**	**0.48**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Aroclor 1016	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Aroclor 1221	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Aroclor 1232	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Aroclor 1242	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Aroclor 1248	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Aroclor 1254	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Aroclor 1260	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
beta-BHC	**0.036**	**0.36**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Chlordane, total	**~**	**~**	ND	ND	ND	ND	ND	ND	0.0809	NT	ND	ND
delta-BHC	**0.04**	**100**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Dieldrin	**0.005**	**0.2**	ND	ND	ND	ND	ND	ND	0.0195	NT	ND	ND
Endosulfan I	**2.4**	**24**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Endosulfan II	**2.4**	**24**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Endosulfan sulfate	**2.4**	**24**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Endrin	**0.014**	**11**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Endrin aldehyde	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Endrin ketone	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
gamma-BHC (Lindane)	**0.1**	**1.3**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Heptachlor	**0.042**	**2.1**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Heptachlor epoxide	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Methoxychlor	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Total PCBs	**0.1**	**1**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Toxaphene	**~**	**~**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND

NOTES:
B=analyte found in the analysis batch blank
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte
** Background lead concentrations in urban settings typically range from 200 to 500 ppm.
ND = Not Detected
Blue shade indicates detectable concentrations

Bold and yellow shade indicates exceedance of Restricted Use "Restricted Residential" SCOs
Bold and green shade indicates exceedance of Unrestricted Use SCOs
ESI File: LM09015.20

Table 6 (4 of 4): Metals in Soil

All results in mg/kg

Compound	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use SCOs - Restricted Residential	Regional Background	Sample Identification									
				SG-1 (4-6') 7/18/2011	SG-2 (0-2') 7/18/2011	SG-3 (4-6') 7/18/2011	B-4 (0-2') 7/18/2011	B-5 (14-16') 7/18/2011	B-6 (10-14') 7/18/2011	B-7 (0-2') 7/18/2011	B-8 (14-16') 7/19/2011	B-9 (10-14') 7/19/2011	MW-1 (14-16') 7/19/2011
Aluminum	~	~	**33000**	11100	10700	9870	9490	12000	13400	11500	NT	17200	14000
Antimony	~	~	**NP**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Arsenic	**13**	**16**	**3-12**	5.12	4.64	8.46	5.20	4.80	3.66	7.59	NT	2.52	4.59
Barium	**350**	**400**	**15-600**	132	298	**1160**	147	68.0	88.0	**485**	NT	207	106
Beryllium	**7.2**	**72**	**0-1.75**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Cadmium	**2.5**	**4.3**	**0.1-1**	ND	ND	3.18	ND	ND	ND	ND	NT	ND	ND
Calcium	~	~	**130-35,000**	19500	34300	34600	21900	2350	3720	18900	NT	9300	3050
Chromium	~	~	**1.5-40**	19.5	22.0	19.8	19.9	17.1	21.2	22.4	NT	34.8	18.2
Cobalt	~	~	**2.5-60**	11.0	10.1	9.03	6.67	10.1	8.02	8.02	NT	17.2	7.48
Copper	**50**	**270**	**1-50**	30.5	81.8	43.7	33.1	22.4	20.2	34.7	NT	24.3	18.7
Iron	~	~	**2,000-550,000**	21700	19800	24300	15700	18700	18000	20000	NT	34100	18300
Lead	**63**	**400**	**4-500****	145	248	**499**	139	40.5	59.1	190	NT	90.3	87.2
Magnesium	~	~	**100-5,000**	4820	7570	6660	5440	3780	3310	5060	NT	7470	3720
Manganese	**1600**	**2000**	**50-5,000**	346	277	413	378	464	309	272	NT	307	232
Nickel	**30**	**310**	**0.5-25**	20.2	26.6	21.0	17.6	20.4	18.9	21.8	NT	33.3	17.7
Potassium	~	~	**8,500-43,000**	3370	3710	2860	2050	1380	1260	2260	NT	9880	1260
Selenium	**3.9**	**180**	**0.1-3.9**	2.23	2.64	2.55	1.99	2.28	2.24	2.50	NT	1.82	2.95
Silver	**2**	**180**	**NP**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Sodium	~	~	**6,000-8,000**	372 B	572 B	463 B	640 B	280 B	248 B	383 B	NT	407 B	321 B
Thallium	~	~	**NP**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND
Vanadium	~	~	**1-300**	30.6	44.1	33.3	30.4	27.0	30.1	32.6	NT	49.4	21.1
Zinc	**109**	**10000**	**9-50**	110	255	1100	172	63.4	41.5	357	NT	184	106
Mercury	**0.18**	**0.81**	**0.001-0.2**	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND

NOTES:

B=analyte found in the analysis batch blank

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

** Background lead concentrations in urban settings typically range from 200 to 500 ppm.

ND = Not Detected

Blue shade indicates detectable concentrations

Bold and yellow shade indicates exceedance of Restricted Use "Restricted Residential" SCOs

Bold and green shade indicates exceedance of Unrestricted Use SCOs

ESI File: LM09015.20

Table 7 (1 of 5): VOCs in Water

All results provided in µg/L. Results in **bold** exceed designated guidance levels.

Compound (USEPA Method 8260)	Guidance Level	Sample Location		
		MW-1	MW-2	MW-3
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-Trichloro-1,2,2-trifluoroethane	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
1,1-Dichloropropylene	5	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND
1,2,3-Trimethylbenzene	5	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND
cis-1,2-Dichloroethylene	5	ND	**37**	ND
trans-1,2-Dichloroethylene	5	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND
1-Chlorohexane	5	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND
Benzene	1	ND	ND	ND
Bromobenzene	5	ND	ND	ND
Bromochloromethane	5	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND
Bromoform	50	ND	ND	ND
Bromomethane	5	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-1,3-Dichloropropylene	0.4	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND
Dibromomethane	5	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND
Ethylbenzene	5	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND
Methylene chloride	5	ND	ND	ND
Methyl tert-butyl ether (MTBE)	10	16	ND	ND
Naphthalene	10	2.3 J, B	2.3 J, B	1.9 J, B
n-Butylbenzene	5	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND
o-Xylene	5	ND	ND	ND
p-&m-Xylenes	5	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND
Styrene	5	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND
Tetrachloroethylene	5	ND	**9.3**	ND
Toluene	5	ND	ND	ND
trans-1,3-Dichloropropylene	0.4	ND	ND	ND
Trichloroethylene	5	ND	ND	4.4 J
Trichlorofluoromethane	5	ND	ND	ND
Vinyl chloride	2	ND	ND	ND

Notes:
Guidance levels based on NYSDEC Division of Water TOGS 1.1.1 (June 1998) and subsequent NYSDEC Memoranda
ND = Not Detected
J = Data indicate the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B = Analyte is found in the associated analysis batch blank
Blue shade indicates detectable concentrations
Bold and yellow shade indicates exceedance of applicable regulatory criteria
ESI File: LM09015.20

Table 7 (2 of 5): Target Analyte List (TAL) Metals in Water

All results provided in μg/L.

TAL METAL	Guidance Level	Sample Location		
		MW-1	MW-2	MW-3
Aluminum	100	0.149	ND	0.054
Antimony	3	ND	ND	ND
Arsenic	25	ND	ND	ND
Barium	1,000	0.131	0.084	0.099
Beryllium	3	ND	ND	ND
Cadmium	5	ND	ND	ND
Calcium	NE	335	86.5	128
Chromium	50	ND	ND	ND
Cobalt	5	ND	ND	ND
Copper	200	ND	ND	ND
Iron	300*	19.7	0.041	8.24
Lead	25	ND	ND	ND
Magnesium	35,000	295	31.7	73.5
Manganese	300*	6.2	1.82	1.6
Mercury	0.7	ND	ND	ND
Nickel	100	ND	ND	ND
Potassium	NE	26.3	9	17.3
Selenium	10	0.013	ND	ND
Silver	50	ND	ND	ND
Sodium	20,000	105	40.4	69
Thallium	0.5	ND	ND	ND
Vanadium	14	ND	ND	ND
Zinc	2,000	ND	ND	ND

Notes:

Guidance levels based on NYSDEC Division of Water TOGS 1.1.1 (June 1998) and subsequent NYSDEC Memoranda

ND = Not Detected NE = Not Established * = Guidance level for total of iron and manganese is 500

Blue shade indicates detectable concentrations

ESI File: LM09015.20

Table 7 (3 of 5): SVOCs (PAHs only) in Water

All results provided in µg/L.

Compound (USEPA Method 8270)	Guidance Level	Sample Location		
		MW-1	MW-2	MW-3
Acenaphthene	20	ND	ND	ND
Acenaphthylene	50	ND	ND	ND
Anthracene	50	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND
Benzo(a)pyrene	0.002	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND
Benzo(g,h,i)perylene	5	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND
Chrysene	0.002	ND	ND	ND
Dibenzo(a,h)anthracene	50	ND	ND	ND
Fluoranthene	50	ND	ND	ND
Fluorene	50	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND
Naphthalene	10	ND	ND	ND
Phenanthrene	50	ND	ND	ND
Pyrene	50	ND	ND	ND

Notes:

Guidance levels based on NYSDEC Division of Water TOGS 1.1.1 (June 1998) and subsequent NYSDEC Memoranda

ND = Not Detected

ESI File: LM09015.20

Table 7 (4 of 5): PCBs in Groundwater

Results provided in µg/L.

Compound (USEPA Method 8082)	Guidance Level	Sample Identification		
		MW-1	MW-2	MW-3
PCB 1016	NE	ND	ND	ND
PCB 1221	NE	ND	ND	ND
PCB 1232	NE	ND	ND	ND
PCB 1242	NE	ND	ND	ND
PCB 1248	NE	ND	ND	ND
PCB 1254	NE	ND	ND	ND
PCB 1260	NE	ND	ND	ND
PCB 1268	NE	ND	ND	ND
PCB, Total	0.09	ND	ND	ND

Notes:
Guidance levels based on NYSDEC TOGS 1.1.1.
ND = Not Detected NE = Not Established
ESI File: LM09015.20

Table 7 (5 of 5): Pesticides in Groundwater

Results provided in µg/L.

Compound (USEPA Method 8081)	Guidance Level	Sample Location		
		MW-1	MW-2	MW-3
4,4'-DDD	0.30	ND	ND	ND
4,4'-DDE	0.20	ND	ND	ND
4,4'-DDT	0.20	ND	ND	ND
Aldrin	NE	ND	ND	ND
alpha-BHC	0.01	ND	ND	ND
beta-BHC	0.04	ND	ND	ND
Chlordane	0.05	ND	ND	ND
delta-BHC	0.04	ND	ND	ND
Dieldrin	0.004	ND	ND	ND
Endosulfan I	NE	ND	ND	ND
Endosulfan II	NE	ND	ND	ND
Endosulfan sulfate	NE	ND	ND	ND
Endrin	NE	ND	ND	ND
Endrin aldehyde	5	ND	ND	ND
gamma-BHC (Lindane)	0.05	ND	ND	ND
Heptachlor	0.04	ND	ND	ND
Heptachlor Epoxide	0.03	ND	ND	ND
Toxaphene	0.06	ND	ND	ND

Notes:

Guidance levels based on NYSDEC TOGS 1.1.1.

ND = Not Detected NE = Not Established

ESI File: LM09015.20

Table 8: Summary of Detetected VOCs in Soil Gas Samples

Results provided in ug/m^3

Compound	Guideline Values	Sample ID		
		SG-1	SG-2	SG-3
1,1,1-Trichloroethane	NE	ND	ND	ND
1,1,2,2-Tetrachloroethane	NE	ND	ND	ND
1,1,2-Trichloroethane	NE	4.0	3.3	ND
1,1-Dichloroethane	NE	ND	ND	ND
1,1-Dichloroethylene	NE	ND	ND	ND
1,2,4-Trichlorobenzene	NE	ND	ND	ND
1,2,4-Trimethylbenzene	NE	19.0	20.0	39.0
1,2-Dibromoethane	NE	ND	ND	ND
1,2-Dichlorobenzene	NE	ND	ND	ND
1,2-Dichloroethane	NE	ND	ND	ND
1,2-Dichloropropane	NE	ND	8.3	17.0
1,2-Dichlorotetrafluroethane	NE	ND	2.2	ND
1,3,5-Trimethylbenzene	NE	7.2	6.6	ND
1,3-Butadiene	NE	ND	4.8	63.0
1,3-Dichlorobenzene	NE	ND	ND	ND
1,4-Dichlorobenzene	NE	ND	ND	ND
1,4-Dioxane	NE	ND	ND	ND
2,2,4-Trimethylpentane	NE	1.3	1.6	82.0
2-Butanone	NE	67.0	34.0	47.0
2-Hexanone	NE	2.6	3.6	ND
3-Chloropropene	NE	ND	ND	ND
4-Methyl-2-pentanone	NE	7.2	41.0	ND
Acetone	NE	200.0	160.0	260.0
Benzene	NE	8.1	8.1	28.0
Benzyl Chloride	NE	ND	ND	ND
Bromodichloromethane	NE	ND	ND	ND
Bromoform	NE	ND	ND	ND
Bromomethane	NE	ND	ND	ND
Carbon Disulfide	NE	30.0	19.0	40.0
Carbon Tetrachloride	NE	ND	ND	ND
Chlorobenzene	NE	ND	4.1	ND
Chloroethane	NE	ND	ND	ND
Chloroform	NE	5.8	32.0	9.0
Chloromethane	NE	0.89	0.75	41.0
cis-1,2-Dichloroethylene	NE	ND	17.0	ND
cis-1,3-Dichloropropylene	NE	ND	ND	ND
Cyclohexane	NE	2.0	2.8	11.0
Dichlorodifluoromethane	NE	3.4	3.0	ND
Ethyl acetate	NE	75.0	39.0	53.0
Ethylbenzene	NE	4.4	5.5	14.0
Freon-113	NE	ND	ND	ND
Isopropanol	NE	1.1	2.6	ND
Methylene Chloride	60	ND	ND	ND
MTBE	NE	ND	ND	ND
n-Heptane	NE	3.8	13.0	500.0
n-Hexane	NE	5.9	10.0	850.0
o-Xylene	NE	4.8	6.2	ND
p- & m-Xylenes	NE	18.0	21.0	18.0
p-Ethytoluene	NE	12.0	13.0	11.0
Propylene	NE	29.0	42.0	490.0
Styrene	NE	4.8	ND	ND
Tetrachloroethylene	100	8.0	54.0	90.0
Tetrahydrofuran	NE	53.0	7.9	190.0
Toluene	NE	11.0	20.0	20.0
trans-1,2-Dichloroethylene	NE	ND	ND	ND
trans-1,3-Dichloropropylene	NE	ND	ND	ND
Trichloroethylene	5	ND	4.1	ND
Trichlorofluoromethane	NE	1.9	1.9	ND
Vinyl acetate	NE	ND	5.8	470.0
Vinyl Bromide	NE	ND	ND	ND
Vinyl Chloride	NE	ND	ND	ND

Notes

Guideline values based on the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006.

Blue shade indicates detectable concentrations

Bold and yellow shade indicates exceedance of applicable regulatory criteria

ND = Non detect

NE = Not established

ESI File: LM09015.20

APPENDIX A

Phase I Report

PHASE I

ENVIRONMENTAL

SITE ASSESSMENT

April 7, 2011

Site Identification:	**1428 Fifth Avenue (rear portion) Borough of Manhattan, New York**
Tax Lot Identification:	**Block 1600, Lot 20**
Property Description:	**Approximately 0.86-acre property containing a paved parking area, basketball courts, and a maintained yard area.**

ESI File: LM09015.11U

Prepared By:

Ecosystems Strategies, Inc.
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Ecosystems Strategies, Inc.

PHASE I

ENVIRONMENTAL

SITE ASSESSMENT

April 7, 2011

ESI File: LM09015.11U

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue
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Prepared For:

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Phase I Environmental Site Assessment services performed by Ecosystems Strategies, Inc. have been conducted in accordance with ASTM Method E 1527-05.

The undersigned has reviewed this Phase I Environmental Site Assessment and certifies to L&M Development Partners that the information provided in this document is accurate as of the date of issuance by this office.

Paul H. Ciminello
President

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1.0 INTRODUCTION

1.1 Purpose of the Investigation

This Phase I Environmental Site Assessment (Phase I ESA) identifies recognized environmental conditions (RECs) and/or other significant environmental liabilities resulting from or associated with the storage, use, transport, or disposal of hazardous or regulated materials on the property located between 116th and 117th Street, to the immediate west of the building known as 1428 Fifth Avenue, Borough of Manhattan, New York (property descriptions are presented in Sections 2.1 and 3.3.2).

1.2 Methodology

This Phase I ESA has been prepared in conformance with guidelines set forth by the American Society for Testing and Materials (ASTM) Method E1527-05 (no exceptions to or deletions from this practice have occurred). A detailed Scope of Services is provided in Appendix H. This environmental site assessment was performed under the direct supervision and responsible charge of an environmental professional (see Appendix G), following the requirements for "all appropriate inquiry" as defined in 40 CFR Part 312.

Ecosystems Strategies, Inc. (ESI) performed the following work:

1. Investigation of the subject property's history and characteristics through the analysis of available historic maps, local and regional maps, local governmental and/or Tribal records, and information provided by subject property representatives and other knowledgeable individuals (see Section 5.0 for references).

2. Review of Federal, State, and/or Tribal regulatory-agency computer databases and printed records for documentation of potential environmental liabilities relevant to the property, consistent with (or exceeding) applicable ASTM requirements.

3. Inspection of the property by Paul Ciminello of ESI on April 6, 2011.

1.3 Limitations

This Phase I ESA is an evaluation of the property described in Section 2.1 below and is not valid for any other property or location. It is a representation of the property analyzed as of the dates that services were provided. This Phase I ESA cannot be held accountable for activities or events resulting in environmental liability after the respective dates of the site inspection or historic and regulatory research.

This Phase I ESA is based in part on certain information provided in writing or verbally by federal, state, and local officials (including public records) and other parties referenced herein. The accuracy or completeness of this information was not independently verified. Unless specifically noted, the findings and conclusions contained herein must be considered not as scientific certainties, but as probabilities based on professional judgment.

1.4 Key Definitions

Definitions of some common terms found in ASTM Standard 1527-05, as used in this Phase I ESA, are provided below.

Activity and Use Limitations (AULs)

Legal or physical restrictions or limitations on the use of, or access to, a site or facility to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or ground water on the property, or to prevent activities that could interfere with the effectiveness of a response action. AULs may include institutional and/or engineering controls.

Key Site Manager

The person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property.

Practically Reviewable

Information that is provided by a source in a manner and in a form that yields information relevant to the property without the need for extraordinary analysis of irrelevant data is Practically Reviewable. Records must be for a limited geographic area. Records arranged chronologically, lacking adequate address information to be located geographically, in large databases that are not sorted by zip code, or are so numerous to be unmanageable are not generally practically reviewable (i.e. data cannot be feasibly reviewed for its impact on the property).

Reasonably Ascertainable

Information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable is Reasonably Ascertainable.

Recognized Environmental Conditions (RECs)

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate (1) an existing release, (2) a past release, or (3) a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. Material threat means a physically observable or obvious threat that is reasonably likely to lead to a release that is threatening and might result in impact to public health or the environment.

The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

User

The party using ASTM Standard 1527-05 to complete an environmental site assessment.

2.0 SITE LOCATION AND DESCRIPTION

2.1 Description of the Subject Property

The subject property as defined in this Phase I ESA consists of the approximately 0.86-acre property located between 116th and 117th Street, to the immediate west of the building known as 1428 Fifth Avenue, Borough of Manhattan, New York (identified as Borough of Manhattan tax lot parcel: Block 1600, Lot 20). A Site Location Map is provided on Page 5.

The property is bounded on the eastern side by a six story building, on the northern side by West 117th Street, and on the southern side by West 116th Street (the property has an irregular shape). The entirety of the property is composed of a courtyard, basketball court, and paved parking lot. A map illustrating the layout of the property is provided on Page 6 and photographs of the property are provided in Appendix A.

2.1.1 Site Topography

Information on the subject property's topography was obtained from the review of the United States Geological Survey Topographic Map of the Central Park, New York Quadrangle (a copy of the relevant portion of this map, with the subject property indicated, is provided in Appendix B). According to the Topographic Map, the property is located in a relatively level area and has a surface elevation of approximately 30 feet above mean sea level. Field observations indicate that the property is relatively level.

The topographic map did not indicate the presence of any soil/gravel mining operations or unusual topographic patterns indicative of landfilling activities on the subject property. No on-site structures are depicted on the topographic map (the property is located in an urban area where only selected landmark buildings are depicted).

2.1.2 Site Geology

No information regarding site-specific investigations of the subsurface (e.g., test pits or borings) was readily available; therefore, no documented determinations are provided in this Phase I ESA.

A review of the Geologic Map of New York and the Surficial Geologic Map of New York (lower Hudson sheets) indicates that soils on the subject property are likely to consist of glacial till deposits, overlying hard crystalline bedrock. Soil maps presented in the New York City Reconnaissance Soil Survey (Soil Survey), issued by the New York City Soil and Water Conservation District, indicate that the Pavement & buildings, till substratum (0-5% slopes) soil series is likely to be located on the property. The Pavement & buildings, till substratum soil series consists of nearly level to gently sloping, highly urbanized areas with more than 80% of the surface covered by impervious pavement and buildings, over glacial till. [Note: The Soil Survey provides only a general guide to soil patterns across the city.] The presence of an on-site structure suggests that soils located on the property may have been altered by cutting, regrading and/or filling activities. No bedrock was observed on the property.

2.1.3 Site Hydrogeology

No site-specific investigation of groundwater depth or direction of flow has been reviewed by this office; therefore, no documented determinations are provided in this Phase I ESA.

Shallow groundwater flow in the vicinity of the property is likely to be to the southeast, toward the Harlem River (located approximately one mile from the property).

2.1.4 Surface Hydrology and Wetlands

Information regarding on-site surface hydrology was obtained from the review of applicable maps, including the New York State Department of Environmental Conservation (NYSDEC) Freshwater Wetlands Map and the United States Department of the Interior National Wetlands Inventory Map, and from observations made during the site inspection. According to these sources, there are no surface waterbodies, wet areas, or regulated wetlands on or near the property.

2.1.5 Sensitive Environmental Receptors

Sensitive Environmental Receptors (SERs) are valued physical, biological, and/or man-made features that may be adversely impacted by environmental contamination, and where a discharge or release could pose a greater threat than a discharge or release to other less valued areas. SERs include (but are not limited to) potable supply wells, wetlands, and protected wildlife habitat.

The review of maps and observations made during the site inspection indicate that no SERs are located on or in the immediate vicinity of the subject property.

2.2 Description of Adjoining and Surrounding Area Properties

The subject property is located in an urban area comprised primarily of multi-family residential and commercial properties. A description of the adjoining and nearby properties is provided in Table 1, below.

Table 1: Land Uses in the Vicinity of the Subject Property

Direction	Adjoining Use(s)	Vicinity Use(s)
North	• Childrens Aid Society • Mixed-use	• Residential • Commercial
East	• Residential	• Residential • Mixed-use • Institutional
South	• Mixed-use	• Residential • Commercial
West	• Mixed-use	• Mixed-use • Institutional

Site Location Map
1428 Fifth Avenue (rear portion)
Borough of Manhattan, New York

N

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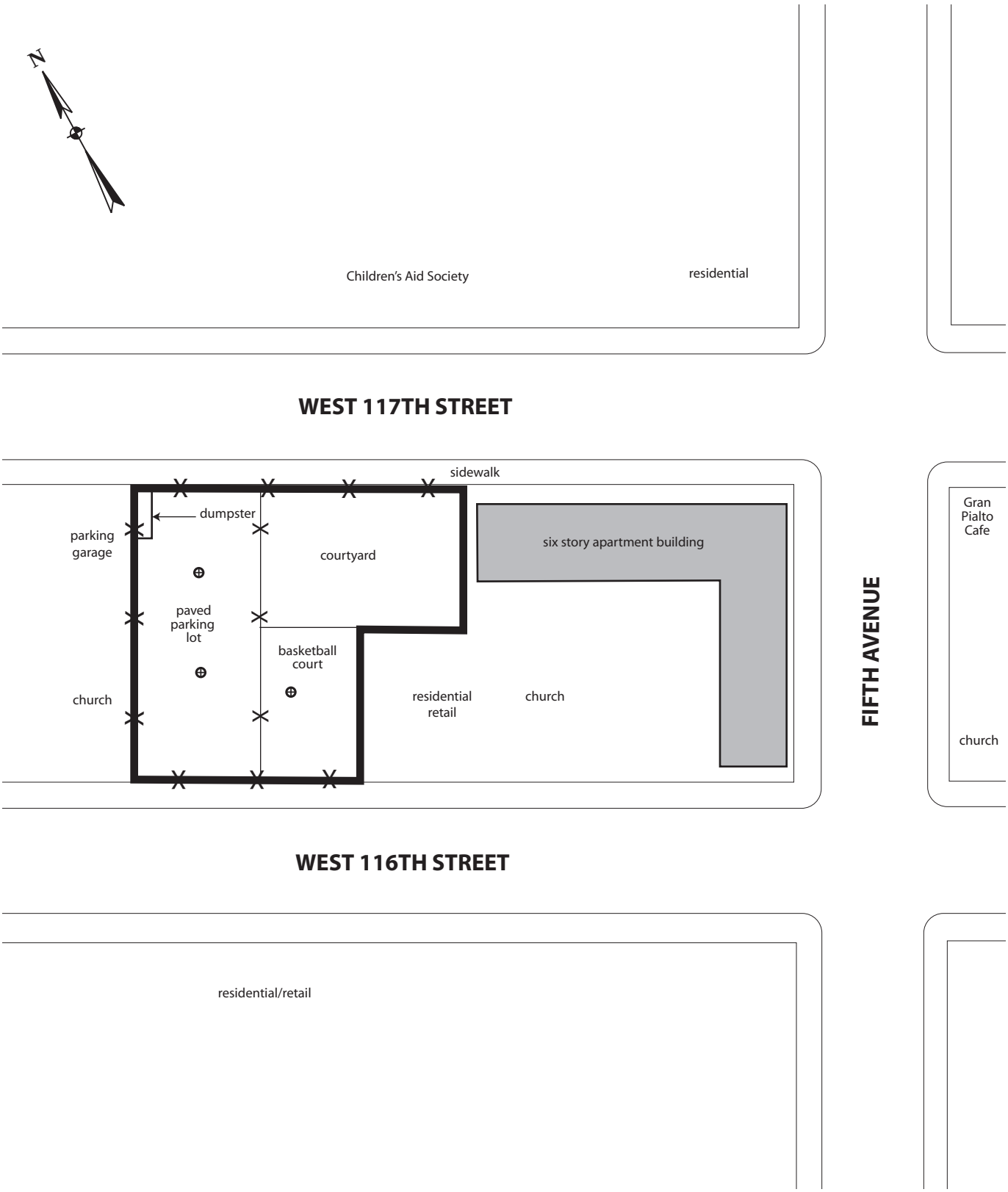
April 2011



All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Selected Site Features Map

1428 Fifth Avenue (rear portion)
Borough of Manhattan, New York

Legend:

- subject property border
- exterior drains
- chain link fence

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April 2011

Scale: 1" = 95' approximately

3.0 INVESTIGATION

3.1 Site History

The history of the subject property was researched using interviews with knowledgeable individuals, and reviews of ownership records, historic maps, and local records. This review included both standard environmental record sources (as specified in ASTM 1527-05) and additional sources (if such sources were judged to be reasonably ascertainable and sufficiently useful, accurate, and complete in light of the objective of the records review).

3.1.1 User-Reported Information

ASTM Practice E 1527-05, Section 6, requires that the User (the party seeking to complete the environmental site assessment of the property) provide specific information to the Environmental Professional in order to meet the requirements for "all appropriate inquiry". Ms. Anne Carson, representing L&M Development Partners (L&M, "the User"), responded to a questionnaire provided by ESI as part of a previous Phase I Environmental Site Assessment prepared for the property in March 2009 (see Section 3.1.6, below). This questionnaire requested information regarding the subject property as specified in Section 6. Ms. Carson indicated that a previous environmental report had been prepared for the property (see Section 3.1.6, below). Ms. Carson had no other specialized knowledge or experience, actual knowledge, or knowledge of commonly known or reasonably ascertainable information regarding: 1) information material to recognized environmental conditions or other environmental liabilities in connection with the property; 2) the results of a review of title and/or judicial records for environmental liens/AULs; or, 3) reason(s) for a purchase price that does not reasonably reflect fair market value because of known or suspected contamination. Ms. Carson indicated that she has no additional knowledge regarding the subject property since the previous site assessment.

Ms. Carson indicated that L&M wanted to have the Phase I Environmental Site Assessment performed in order to qualify for one or more Landowner Liability Protections (LLPs) to CERCLA liability and to document potential environmental liabilities on the subject property.

3.1.2 Interview with Key Site Manager

Ms. Valerie Peterson (the property manager of the adjoining apartment building) was identified by Ms. Carson as a Key Site Manager for the subject property. Ms. Peterson was interviewed by ESI personnel as part of a previous Phase I Environmental Site Assessment conducted at the Site in March 2009. This interview covered the topics detailed in the User Questionnaire (see Section 3.1.1, above). Ms. Peterson was additionally asked to provide specific information regarding property features, site history and use, and commonly known information related to the property. Ms. Peterson had no specialized knowledge or experience, actual knowledge, or knowledge of commonly known or reasonably ascertainable information regarding potential environmental conditions and/or liabilities in connection with the property. Ms. Carson indicated that there is no new information relevant to the property. Pertinent information from the previous interview with Ms. Peterson is therefore provided in relevant report sections, where appropriate.

3.1.3 Ownership Records

Property ownership information, based on interviews with Ms. Peterson and a review of Borough of Manhattan computerized City Register records, indicates that the property has been owned by Impac. Associates Redevelopment Co. since it was purchased from the City of New York on April 14, 1981. No previous ownership information could be found in available records. This ownership summary does not constitute a title search.

3.1.4 Sanborn Fire Insurance Maps

A summary of the information obtained from the review of historic Sanborn Fire Insurance Company Maps dated 1902, 1912, 1951, 1976, 1980, and 1988 is provided below. Copies of relevant Sanborn maps are provided in Appendix C (note: subject property outlines on these maps, as drawn by ESI, may vary depending on map accuracy, and are approximations chosen to best reflect likely on-site historic uses).

1902: The western portion of the subject property is developed "Public School No. 184" and the northeastern portion of the property is shown as stable buildings associated with a "contractor's yard". Adjoining properties are shown as residential structures and vacant land. The surrounding area is developed primarily with residential structures as well as a church building and typewriter manufacturing facility to the east and west, respectively.

1912: The northeastern portion of the subject property, (formerly shown developed with stable buildings) as well as the northeastern, southeastern, and southwestern adjoining properties (formerly shown as vacant land), are now developed with two, six-story mixed-use buildings. New mixed-use structures are now shown in the surrounding area to the west and northwest.

1951: No changes are noted on the subject property or adjoining properties. The church building located nearby to the southeast now shows a new institutional structure consistent with the current on-site building.

1976: The subject property and northwestern adjoining property are now shown as vacant land. The northern adjoining properties are now shown new institutional and residential buildings consistent with the current on-site structures. Residential structures nearby to the north and west are now shown as vacant land.

1980: No changes are noted on the subject property. Adjoining and nearby properties to the northeast (formerly shown as residential buildings) are now shown as vacant land. No significant changes are noted in the surrounding area.

1988: No changes are noted on the subject property. Then northeastern adjoining property and nearby property to the east (formerly shown as vacant land and mixed-use/residential structures, respectively) are now developed with the current on-site residential structure. Nearby properties to the west (formerly shown as mixed-use structures) are now shown as vacant land.

3.1.5 Local Records

City Register Records

Borough of Manhattan City Register computerized ownership records for the subject property were reviewed on November 25, 2009. No information pertinent to the environmental integrity of the subject property was contained in these records.

Assessor's Office Records

The Site has recently been created as a separate tax lot. The original Phase I ESA on this Site included a review of the now adjoining building, now known as Lot 21 but previously known as Lot 20.

No information pertinent to the environmental integrity of the subject property was present in these records.

Building Department Records

Block and Lot Records

The Site has recently been created as a separate tax lot. The original Phase I ESA on this Site included a review of the now adjoining building, now known as Lot 21 but previously known as Lot 20.

The subject property is not identified as a "Little 'E' Restricted" site.

Environmental Control Board (ECB) Violations

A review of computerized Building Department records indicates there are no open ECB violations relating to the environmental integrity of the subject property.

Local Agency Interviews

A request was made on February 23, 2009 to search the available New York City Bureau of Fire Prevention (NYCBFP) records for information regarding the storage and/or use of petroleum, or other hazardous materials, on the subject property. Responses from the NYCBFP, dated March 19, 2009, indicate that no records are maintained for the subject property. Copies of the NYCBFP responses are provided in Appendix D.

3.1.6 Previous Environmental Reports

A Phase I Environmental Site Assessment was prepared for the subject property and the eastern adjoining property (Borough of Manhattan Block 1600, Lot 21) by ESI in March 2009. The assessment revealed no evidence of recognized environmental conditions in connection with the property; however, observations made by ESI during the Site inspection indicated the presence of small quantities of petroleum products and chemicals stored in the basement of the multi-family residential building located on the southern adjoining property (Lot 21). The March 2009 Phase I ESA concluded that a release of products from Lot 21 could potentially impact this adjoining building, and it was recommended that these products be stored properly.

As part of the March 2009 site assessment, ESI was provided with a copy of a Toxics Targeting Computerized Environmental Report (TT Report) prepared for the subject property by Toxics Targeting, Inc. in March 2004. The TT Report consisted of a Regulatory Review database search and identified two NYSDEC spill events within 200 feet of the subject property, consistent with the findings of both the previous and current database search conducted by ESI (see Section 3.2.2, below).

A Phase I Environmental Site Assessment Update was prepared for the subject property and southern adjoining property by ESI in November 2009. The assessment revealed no evidence of recognized environmental conditions in connection with the property other than the previously identified petroleum and chemical products that were stored on the southern adjoining property.

Excerpts from these reports are provided in Appendix E.

3.2 Review of Federal and State Agency Records

3.2.1 Methodology

Federal and state computer databases and printed records were reviewed for documentation of environmental conditions and/or liabilities relevant to the property (see Section 3.2.2, below). The following ASTM Standard Environmental Record Sources (as available for the subject property's locality) were reviewed (search distances are consistent with, or exceed, ASTM requirements).

Federal National Priority List (1.0 mile) and delisted National Priority List sites (0.5 mile)
Federal CERCLIS list and CERCLIS NFRAP site list (0.5 mile)
Federal RCRA CORRACTS facilities list (1.0 mile)
Federal RCRA non-CORRACTS TSD facilities list (0.5 mile)
Federal RCRA generators list (subject/adjoining properties)
Federal ERNS list (subject property)
Federal, State, and Tribal Institutional Control / Engineering Control registries (subject property)
State- and Tribal-equivalent NPL (1.0 mile)
State- and Tribal-equivalent CERCLIS (0.5 mile)
State and Tribal Brownfield and voluntary cleanup sites (0.5 mile)
State and Tribal leaking storage tank lists (0.25 mile)*
State (including locally administered) and Tribal registered storage tank lists (subject/adjoining)
State and Tribal landfill and/or solid waste disposal site lists (0.5 mile)

* *The search distance for this ASTM database has been reduced due to the high level of development of the area in which the subject property is located.*

The following Additional Environmental Record Sources (as available for the subject property's locality) were reviewed in order to enhance and supplement the review of standard sources:

State spill file records (0.25 mile)
State MOSF list (0.5 mile)
State radon data (by local municipality as available)
Federal and State wastewater discharge permits (subject/adjoining properties)

A copy of relevant portions of a database search conducted by FirstSearch Corporation for ESI is provided in Appendix F. Not all of the sites contained in the attached database search may be referenced in Section 3.2.2. Some sites may have been excluded based on either ASTM requirements, ESI's scope of services or professional opinion, and/or information obtained during the review of historic records and the site inspection. Some information may have been deemed to not be practically reviewable (e.g., records lack adequate address information). Sites or additional information not included in the database search may also be referenced based on ESI's knowledge of the subject property area.

3.2.2 Findings of Regulatory Records Review

Federal Hazardous Waste-Contaminated Sites

The subject property is not identified on the United States Environmental Protection Agency's (USEPA) National Priority List (NPL) of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions. No NPL sites are located within one mile of the property and no delisted NPL sites are located within a half mile of the property.

The subject property is not identified on the USEPA's CERCLIS list of sites that are proposed to the NPL or that are in the screening and assessment phase for possible proposal to the NPL. No CERCLIS sites are located within a half mile of the property.

The subject property is not identified on the USEPA's CERCLIS No Further Remedial Action Planned (NFRAP) list, which are former CERCLIS sites that were delisted because no significant hazardous waste contamination was found, or because the site has been remediated. No CERCLIS NFRAP sites are located within a half mile of the property.

The subject property is not identified on readily available USEPA Institutional Control/Engineering Control registries.

State Sites

Inactive Hazardous Waste Disposal Sites

The subject property is not identified on the NYSDEC's registry of Inactive Hazardous Waste Disposal (IHWD) sites (a state equivalent to the federal NPL), and has not been listed as a site under investigation for inclusion in the IHWDS registry (a state equivalent to the federal CERCLIS List). No NYSDEC IHWD sites are located within 1.0 mile of the property.

Voluntary Cleanup, Brownfields Cleanup, and Environmental Restoration Programs

The subject property is not identified as participating in the NYSDEC's Voluntary Cleanup (VCP), Brownfields Cleanup (BCP), or Environmental Restoration (ERP) programs, which are designed to provide NYSDEC oversight of significantly contaminated properties. No participating sites are located within a half mile of the subject property.

Registry of Institutional and Engineering Controls in New York State

The subject property is not identified on the NYSDEC's Registry of Institutional and Engineering Controls in New York State.

Federal Hazardous Waste Handlers

The USEPA Resource Conservation and Recovery Information System (RCRIS) database details facilities that report treatment, storage or disposal of hazardous waste (TSD facilities) or generation or transportation of hazardous waste. Facilities that have been notified by the USEPA to take corrective action with regard to their handling of hazardous waste are classified as CORRACTS facilities.

CORRACTS AND/OR TSD FACILITIES

The subject property is not registered with the USEPA as a CORRACTS and/or TSD facility for hazardous waste or materials, and no CORRACTS and/or TSD facilities are located within one mile of the property.

GENERATORS OR TRANSPORTERS (NON-CORRACTS)

The subject property is not registered with the USEPA as a generator or transporter of hazardous waste, and no generators or transporters of hazardous waste are located on adjoining properties.

Landfills and Solid Waste Disposal Facilities

The NYSDEC's Facility Register does not list the subject property as an active or inactive landfill or solid waste disposal facility, and no landfills or solid waste disposal facilities are located within a half mile of the property.

Chemical Bulk Storage

A review of NYSDEC records indicates that the subject property is not registered as a chemical bulk storage (CBS) facility. Observations made during the site inspection did not indicate the presence of chemical bulk storage on the subject property. No adjoining properties are registered with the NYSDEC as CBS facilities.

Petroleum Bulk Storage

SUBJECT PROPERTY

A review of the NYSDEC petroleum bulk storage (PBS) database indicates that the subject property is not registered as a PBS facility. No evidence of aboveground or underground PBS tanks was noted on the subject property during the site inspection.

ADJOINING PROPERTIES

A review of the NYSDEC PBS database indicates that the "Dunlevy Milbank Children's Center" property at 14-32 West 118th Street, which is located approximately 200 feet northeast of the Site is a PBS facility (PBS Number 2-341487) containing a 10,000-gallon fuel oil UST. The "Canaan Houses" property at 8 West 118th Street, which is located approximately 250 feet northeast of the Site is a PBS facility (PBS Number: 2-600905) containing an active 5,000-gallon fuel oil UST. The "Public School 149- Manhattan" property at 34 West 118th Street, which adjoins the subject property to the northwest, is a PBS facility (PBS Number: 2-353752) containing two, active 10,000-gallon fuel oil ASTs. No open NYSDEC spill events are reported for these adjoining properties.

No overt evidence of PBS tanks was noted on other adjoining properties.

Major Oil Storage Facilities

The subject property is not listed with the NYSDEC as a major oil storage facility (MOSF) and no MOSFs are located within 0.5 mile of the subject property.

Federal Chemical and Petroleum Spills

The USEPA Emergency Response Notification System (ERNS) database details initial reports of releases of oil and hazardous substances as reported to federal authorities. There are currently no federal chemical or petroleum spills on record for the subject property.

State Chemical and Petroleum Spill and Leaking Underground Storage Tank Events

A review of the NYSDEC spill database (maintained since 1986) indicates that no spill events are known to have occurred on the subject property. Available information indicates that eighty-four spill events are known to have occurred within a quarter mile of the subject property (nine of these spills are classified as leaking underground storage tank [LUST] events). The spill events with the greatest likelihood of impacting the subject property are described as follows:

Spill number 0305658 occurred approximately 180 feet southeast of the property on West 116th Street and was reported on August 27, 2003 as the result of the discovery of petroleum contaminated soil beneath a sidewalk during the installation of a utility vault (likely to be associated with the above-mentioned spill). According to database records and Mr. Joe O' Connell of the NYSDEC, the spill was located approximately 130 feet to the west of the southwestern intersection of West 116th Street and Fifth Avenue. The database records indicate that petroleum contaminated soil was excavated and removed and that no groundwater was impacted. This spill event was closed by the NYSDEC in June 2005. Although this spill event occurred in close proximity to the subject property, database records and information provided by NYSDEC personnel suggest that the contaminated soil was excavated and removed, limiting any potential impacts to the property.

Active NYSDEC spill number 0601808 was reported for a church property at 33 West 115th Street on May 18, 2006. Petroleum contaminated soil was discovered during construction activities at an adjoining property. The source of the oil was found to be weeping from footings of the church

building. According to NYSDEC personnel, the source of the leak has been remediated and all contaminated soil has been removed, and that the spill has remained open pending the submittal of a closure report by the church. Based on information provided by NYSDEC personnel and the presumed direction of groundwater flow, this spill event is not likely to impact the subject property.

Spill number 0209842 was reported in December 2002 for the "Dunlevy Milbank Children" property, which is located 200 feet northeast of the Site at 14-32 West 118th Street. According to database records, a UST at this site failed a tank tightness test and that the tank and system were subsequently isolated and repaired and that there were no impacts to surrounding soil. This spill was closed in June 2004. Based on information provided in the database records, it is unlikely that this spill event has impacted the subject property.

Based on a review of the materials spilled, intervening distances between the releases and the subject property, the presumed direction of groundwater flow and other information located in the records reviewed, it is unlikely that any other spill events have impacted the subject property.

Air Discharges

No NYSDEC permits for air discharges from the subject property are known to exist. No operations likely to require a NYSDEC air discharge permit were noted on the subject property.

Wastewater Discharges

No USEPA National or NYSDEC State Pollutant Discharge Elimination System (NPDES or SPDES) permit is known to exist for the subject property. No operations likely to require a NPDES or SPDES permit were noted on the subject property. According to Ms. Peterson, the subject property is connected to the municipal wastewater system. No adjoining properties are registered as NPDES or SPDES facilities.

Radon

Information on radon levels was obtained from New York State Department of Health (NYSDOH) documents. No regulatory standards for radon levels currently exist in New York State. The USEPA has established a guidance value (the level where mitigation measures may be appropriate) for radon concentrations of 4.0 or greater picoCuries/liter (pCi/l). Other regulatory authorities (e.g., OSHA) have established guidance levels that are directly related to specific site activities (a determination as to applicable radon guidance levels is beyond the scope of this Phase I Environmental Site Assessment). A summary of available radon information for the subject property's vicinity is provided below in Table 2.

Table 2: Basement Radon Levels in Vicinity of Subject Property

All radon levels provided in picoCuries/liter (pCi/l)

NYSDOH Radon Information	New York City	Borough of Manhattan
Number of Homes Tested	1,314	105
Median Radon Level	0.9	0.96
Percent of Homes >4.0 pCi/l	6.7	10.5

These median radon levels are below the USEPA's guidance value of 4.0 pCi/l and less than 15% of the homes tested in the subject property's vicinity had levels in excess of this guidance value. These data support the conclusion that elevated radon levels are not likely to be present on the subject property. According to Ms. Peterson, radon testing has not been conducted on the subject property.

3.3 Site Inspection

3.3.1 Protocol

The site inspection was conducted on April 6, 2011 in order to address any potential concerns raised during the investigation of the site's history (Section 3.1) and the regulatory agency records review (Section 3.2), and to identify any additional indications of contamination from the use, storage, or disposal of hazardous or regulated materials. To the extent possible, site structures, vegetation, topography, surface waters, and other relevant site features were examined for any obvious evidence of existing or previous contamination or unusual patterns (e.g., vegetative stress, soil staining, surface water sheen, or the physical presence of contaminants), which would indicate that the environmental integrity had been or could be impacted.

Section 3.3.2 describes the physical characteristics of the subject property. Section 3.3.3 is divided into topics on specific environmental conditions or concerns, actual or potential, noted on the subject property during the site inspection. Section 3.3.4 describes the physical characteristics of adjoining properties as they relate to the potential or actual environmental condition of the subject property.

A Selected Site Features Map illustrating the general layout of the subject property and the locations of specific areas of concern (if any) is provided on Page 6. Photographs of the subject property are provided in Appendix A.

3.3.2 Physical Characteristics of the Subject Property

3.3.2.1 Property

The subject property is an irregular-shaped, approximately 0.86-acre parcel, which has 150 feet of frontage on the northern side of West 116th Street, 220 feet of frontage on the southern side of West 117th Street. The property contains a maintained courtyard area on the northeastern portion of the property; a basketball court on the southern portion of the property; and a paved parking area on the western portion of the property (see below). Chain-link fences define the northern, southern and western boundaries; the eastern property lines are undefined.

3.3.2.2 Structures

No structures are present on the subject property. No overt evidence of former on-site structures (e.g., foundation remains, supply wells, etc.) was observed during the site inspection.

3.3.3 Specific On-Site Environmental Conditions

Debris Areas

No significant quantities of debris were noted on the subject property.

Petroleum Storage

No quantities/containers of petroleum products, aboveground storage tanks, or indications of underground petroleum bulk storage tanks (e.g., fill ports or vent pipes) were observed on the subject property.

Chemical Storage

No quantities/containers of chemicals, aboveground chemical bulk storage tanks, or indications of underground chemical bulk storage tanks (e.g., fill ports or vent pipes) were observed on the subject property.

Asbestos-Containing Materials and Lead Based Paint

The likely dates of construction of the former on-site buildings (pre-1921) suggest that asbestos-containing materials (ACMs) and lead-based paint (LBP) may have been used during initial building construction and/or during subsequent maintenance work. Proper demolition procedures include the removal of asbestos and all painted wood from the Site. Debris from former on-site structures is likely to be present in subsurface soils; such materials, could contain asbestos or lead-based paint.

Wastewater Discharges

The term "wastewater" indicates water that is or has been used in an industrial or manufacturing process; or is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant; or conveys or has conveyed sewage (water originating on or passing through or adjacent to a site, such as stormwater flows, is not generally considered to be wastewater). No evidence of wastewater discharges into drains, ditches, or streams on or adjacent to the property was observed on the subject property.

Stormwater Management and Exterior Drains/Sumps/Conduits

Stormwater drains are located in the paved parking lot and in the basketball court. No staining, odors, or other evidence of contamination was noted in or near any of the drains. According to available information, all stormwater drains lead to the municipal stormwater system. No other exterior stormwater catch basins, drains, sumps, or other potential significant conduits to the subsurface, or indications of liquid discharges into drains, ditches, or streams on or adjacent to the property, were observed on the subject property.

Staining/Corrosion/Leaks

No evidence of corrosion, leaks, or staining (indicative of an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products onto the subject property, including on-site structures and paved areas) was observed during the site inspection.

Topographic Irregularities

A small depressed area was observed in the northern portion of the property. No signs of contamination (odors, stressed vegetation, etc.) was observed near the depression.

No other overt topographic irregularities (e.g., sinkholes or berms) indicative of the presence of non-natural materials (including debris) in the subsurface were observed on the subject property.

Vegetative Features

No overt areas of stressed or dying vegetation indicative of the presence of contaminants in surface or subsurface soils were observed on the subject property.

Pits, Ponds, or Lagoons

No pits, ponds, or lagoons exhibiting evidence (e.g., discolored water, distressed vegetation, obvious wastewater discharge) of holding liquids or sludge containing hazardous substances or petroleum products were observed on the subject property.

Surface Waters

No surface water bodies are located on the subject property.

Odors

No unusual odors indicative of the presence of contamination were noted.

Polychlorinated Biphenyls

An inspection for the presence of equipment likely to contain polychlorinated biphenyls (PCBs) was conducted by this office. PCBs were widely used in equipment such as transformers, capacitors, and hydraulic equipment until 1979 when the USEPA regulated their use in this capacity. No equipment likely to contain PCBs was noted on the subject property.

3.3.4 Environmental Concerns at Adjoining and Nearby Properties

Adjoining and nearby properties were observed from the subject property and from public thoroughfares for the purpose of identifying any recognized environmental conditions or other potential environmental concerns. No conditions likely to significantly impact the subject property were observed during the site inspection.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Ecosystems Strategies, Inc. (ESI) has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located between 116th and 117th Street, to the immediate west of the building known as 1428 Fifth Avenue, Borough of Manhattan, New York. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property. ESI's conclusions and recommendations (in **bold**) regarding potential environmental liabilities associated with the property, if any, are presented below. Cost estimates for any proposed investigations and/or remedial actions are provided in *italics* where appropriate.

1. The subject property was not identified during the review of regulatory agency records conducted by this office. No adjoining or nearby properties were identified that are likely to significantly impact the environmental integrity of the subject property.

   No further investigation of regulatory records is recommended.

2. The subject property contains a basketball court, a paved parking area, and a maintained courtyard area that is associated with the six-story apartment building located on the northeastern adjoining and nearby property to the east since circa 1983. The western portion of the subject property historically contained "Public School No. 184" from prior to 1902 until sometime between 1951 and 1976. The northeastern portion of the subject property formerly contained mixed-use structures from sometime between 1902 and 1912 until sometime between 1951 and 1976. No evidence of industrial or significant commercial use of the property was found during the review of historical records.

   No further investigation is recommended. Subgrade fill material will require proper management as part of regular site development procedures.

5.0 SOURCES OF INFORMATION

5.1 Maps and Documents

Ecosystems Strategies, Inc., Phase I Environmental Site Assessments, dated November 25, 2009 and March 2, 2009.

FirstSearch Technology Corporation, Environmental FirstSearch Report, April 5, 2011

New York State Department of Environmental Conservation, Freshwater Wetlands Map of the Central Park, New York Quadrangle, dated 1975.

Sanborn Fire Insurance Company Maps dated 1902, 1912, 1951, 1976, 1980, and 1988.

Toxics Targeting, Inc., Toxics Targeting Computerized Environmental Report, dated March 22, 2004.

United States Department of Agriculture, Natural Resources Conservation Service, New York City Reconnaissance Soil Survey, dated 2005.

United States Department of the Interior National Wetlands Inventory Map of the Central Park, New York Quadrangle, dated April 1980.

United States Geological Survey Topographic Map of the Central Park, New York Quadrangle, dated 1966 (photorevised 1979).

University of the State of New York, Geologic Map of New York, Fisher, *et al*., editors (dated 1970, reprinted 1995) and Surficial Geologic Map of New York, D. Cadwell, editor (dated 1989), Lower Hudson Sheets.

5.2 Local Agency Records

Borough of Manhattan Assessor's Office computerized records, reviewed, November 25, 2009.

Borough of Manhattan Building Department computerized records, reviewed, November 25, 2009.

Borough of Manhattan City Register computerized records, reviewed, November 25, 2009.

New York City Bureau of Fire Prevention records inquiry response, March 19, 2009.

5.3 Communications

Ms. Anne Carson, representing L&M Development Partners, various dates, February, March, and November 2009.

Mr. Tell Metzger, representing L&M Development Partners, various dates March and April 2011.

Mr. Joe O'Connell, representing the NYSDEC, various dates, February 2009.

Ms. Valerie Peterson, the property manager, February 27, 2009.

6.0 Environmental Professional Statement

The following statements are required by 40 CFR 312.21(d) of the environmental professional(s) responsible for conducting and preparing the Phase I Environmental Site Assessment report.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental professional as defined in §312.10 of 40 CFR 312.

and

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Paul H. Ciminello
President, Ecosystems Strategies, Inc.

Kimberly Punchar
Senior Project Manager, Ecosystems Strategies, Inc.

APPENDIX A

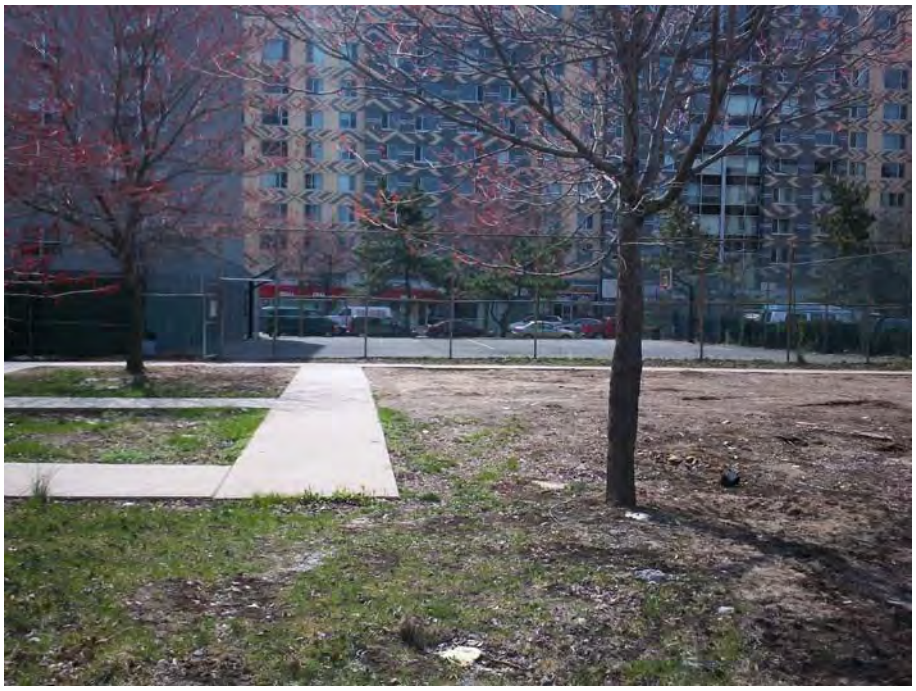
Site Photographs

PHOTOGRAPHS

1. Western portion of the subject property as seen from the north.

2. Subject property as seen from the northwest.

PHOTOGRAPHS

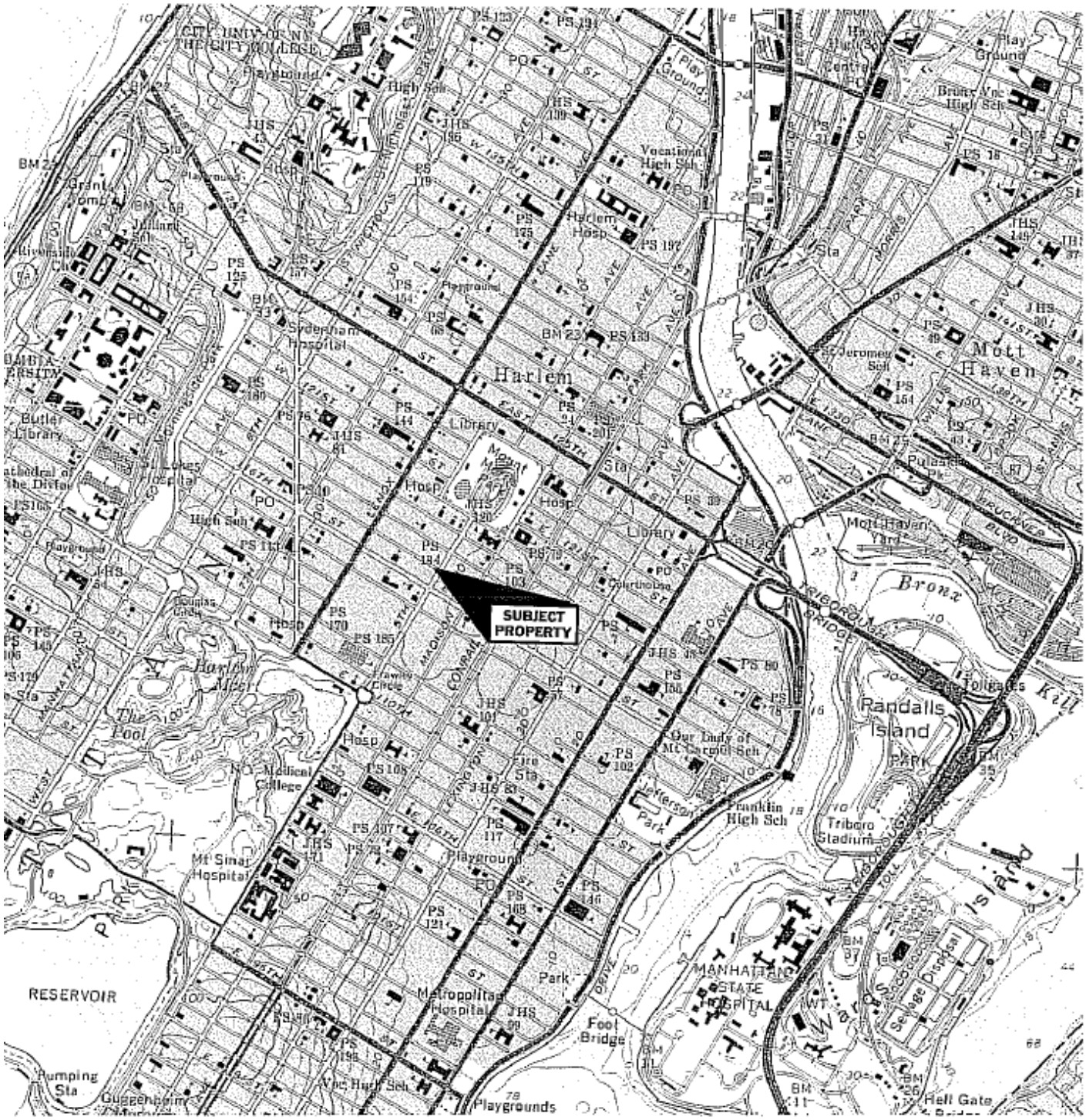


3. Subject property as seen from the northeast.

4. Central portion of the subject property as seen from the north.

APPENDIX B

Physical-Setting Map



Source: U.S. Department of the Interior Geological Survey Topographic Map of the Central Park, NY Quadrangle, dated 1966 (photorevised 1979)

U.S.G.S. Topographic Map 1428 Fifth Avenue Borough of Manhattan, New York	N	ESI File: LM09015.11U April 2011 Scale: 1:24000

APPENDIX C

Sanborn Fire Insurance Maps

MOUNT MORRIS SQUARE

48.

WEST 120th STREET

PRESBYTERIAN CHURCH (SLATE ROOF)

WEST 119th STREET

AVENUE

SYNAGOGUE (TIN ROOF)

AVENUE

WEST 118th STREET

(See Volume Eight)

WEST 117th STREET

LENOX

PUBLIC SCHOOL No 184

CONTRACTORS YARD

MANUFACTORY OF TYPE WRITING MACHINES

CHURCH (SLATE ROOF) (VACANT)

FIFTH

WEST 116th STREET

WEINGART INSTITUTE

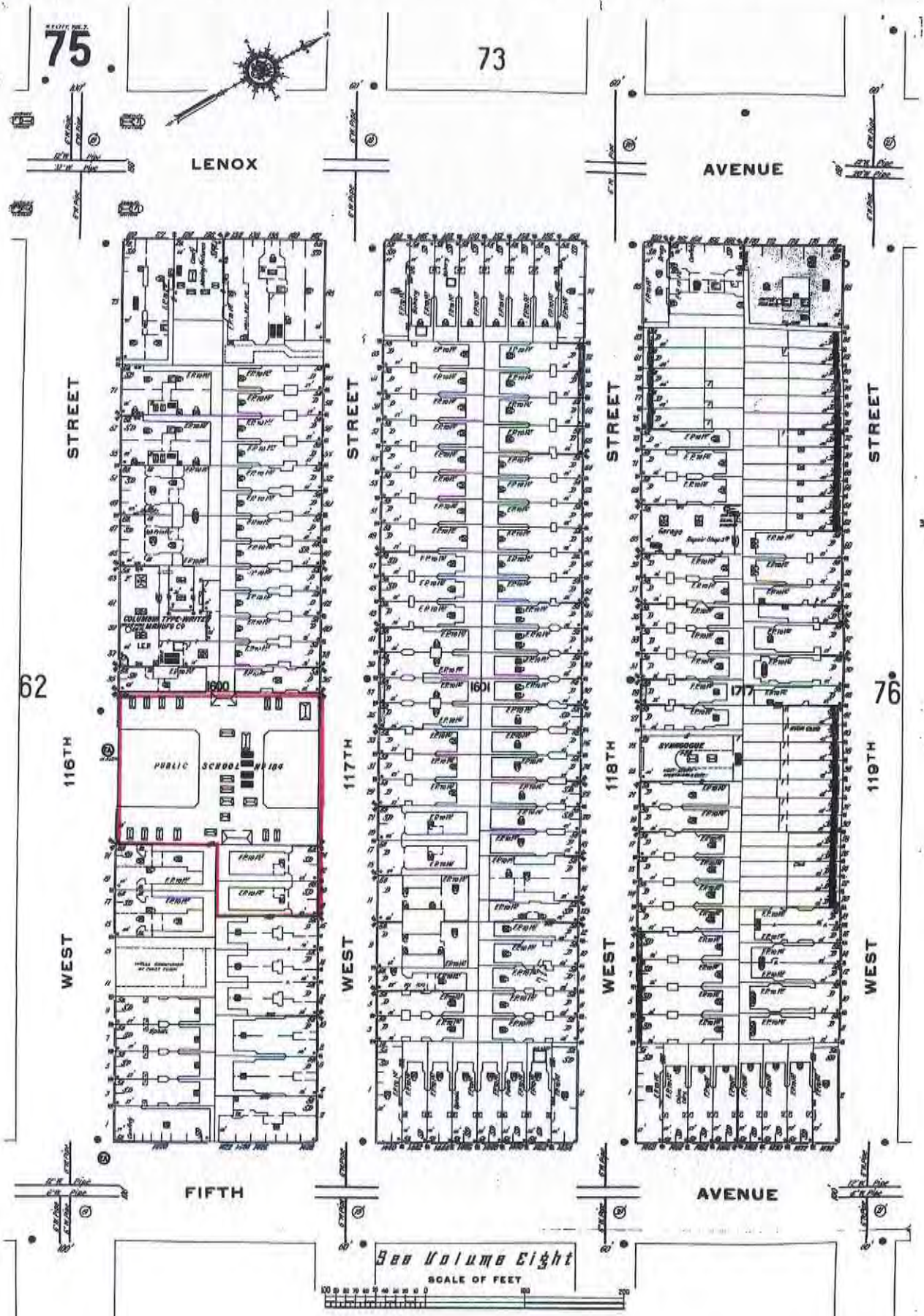
CONVENTION &c.

ENGINE CO No 38

WEST 115th STREET

Scale of Feet

40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AVENUE
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118TH
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WEST
WEST
WEST
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1601
1717
COLUMBIA TYPE-WRITER MANUF'G CO
PUBLIC SCHOOL
SYNAGOGUE
FIFTH
AVENUE
See Volume Eight
SCALE OF FEET

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73
LENOX
AVENUE
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STREET
WALKER MEMORIAL BAPTIST CHURCH
1600
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177
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116TH
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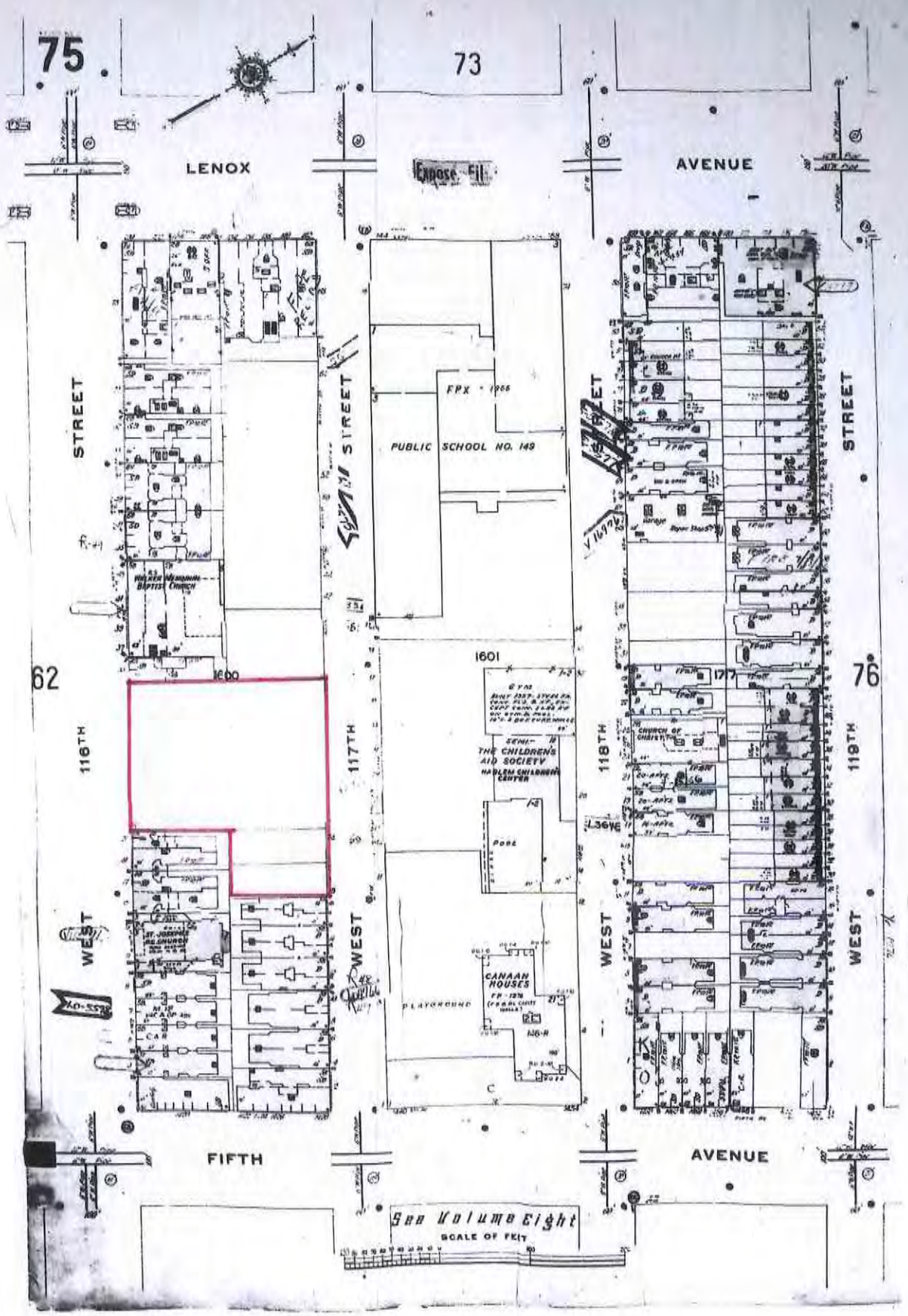
PUBLIC SCHOOL
WEST
WEST
WEST
WEST
FIFTH
AVENUE
See Volume Eight
SCALE OF FEET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WEST
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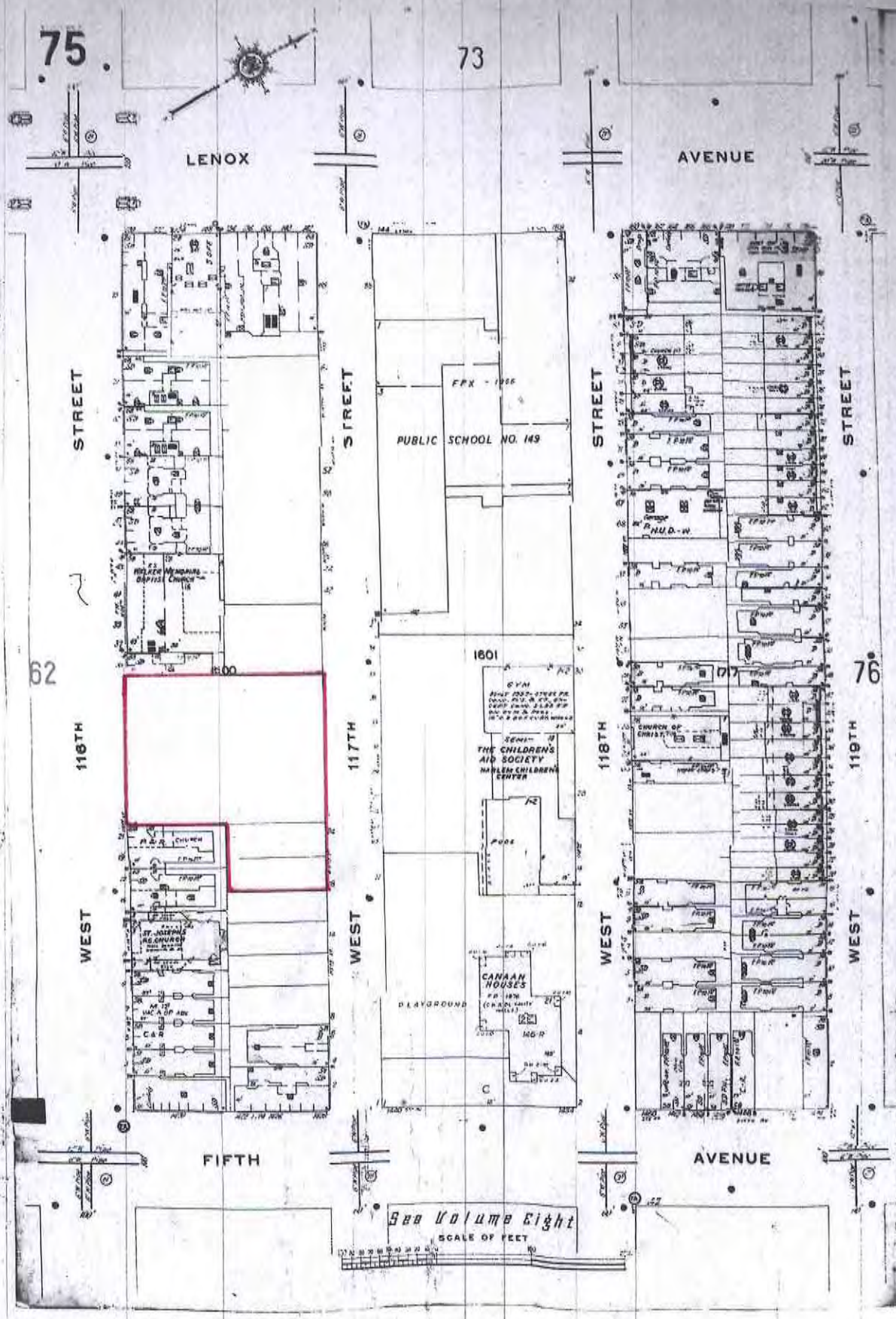
1601
1777
THE CHILDREN'S AID SOCIETY
HARLEM CHILDREN'S CENTER
CANAAN HOUSES
PLAYGROUND
FIFTH
AVENUE
See Volume Eight
SCALE OF FEET

1976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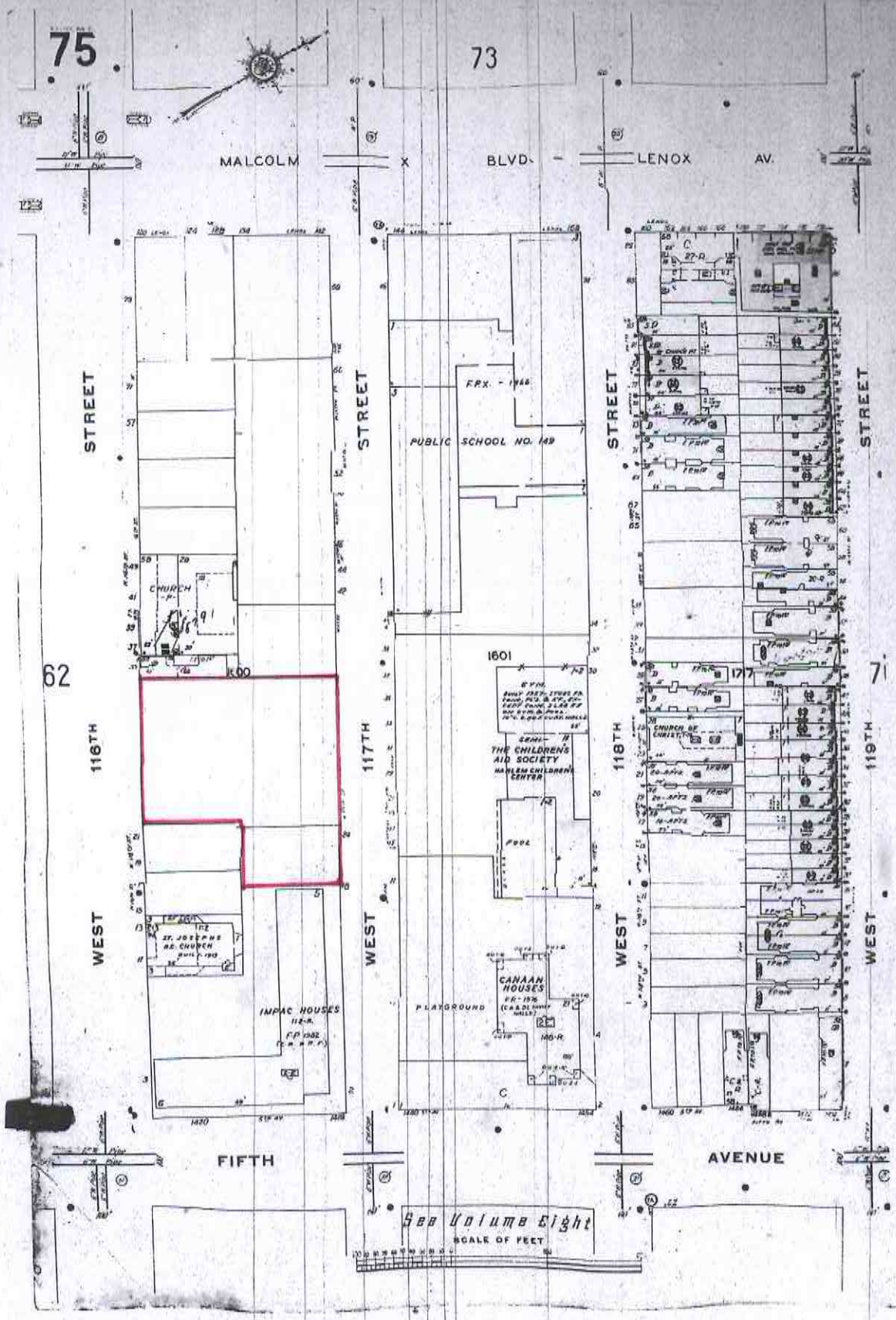
THE CHILDRENS AID SOCIETY
HARLEM CHILDREN CENTER
CHURCH OF CHRIST
CANAAN HOUSES
PLAYGROUND
FIFTH
AVENUE
See Volume Eight
SCALE OF FEET

1980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MALCOLM X BLVD. - LENOX AV.
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THE CHILDREN'S AID SOCIETY
HARLEM CHILDREN'S CENTER
POOL
ST. JOSEPHS RC. CHURCH
IMPAC HOUSES
CANAAN HOUSES
PLAYGROUND
CHURCH OF CHRIST
WEST
WEST
WEST
WEST
FIFTH
AVENUE
See Volume Eight
SCALE OF FEET

1988

APPENDIX D

New York City Bureau of Fire Prevention Response

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9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

The City of New York

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TANKS SECTION

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*None
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24 DAVIS AVENUE
POUGHKEEPSIE, N.Y. 12603

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Dear Customer / Representative,

We have completed a search for address and the requsted information listed below. In the "Status" box below, we have listed the results and any additional comments we may have regarding the search.

Search Type Customer Requested	$10 - Motor - Existing		
Search Address	1428 FIFTH AVENUE		
Borough	01 - Manhattan		
Payment Type	Cashier	Payment No	45606
*Data Entered	3/19/2009	*Entered By	DJ
Account Number		Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion

***Additional Information**

***Status** Completed - Record not found

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Borough	01 - Manhattan		
Payment Type	Cashier	Payment No.	45606
*Data Entered	3/19/2009	*Entered By	DJ
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Borough	01 - Manhattan		
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Account Number		Requested Folder	

No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion

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FIRE DEPARTMENT

9 METROTECH CENTER BROOKLYN, N.Y. 11201-3857

PUBLIC RECORDS UNIT
TANKS SECTION

Ref No: T- 13168

*None
ECOSYSTEMS STRATEGIES, INC.
24 DAVIS AVENUE
POUGHKEEPSIE, N.Y. 12603

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Search Address	1428 FIFTH AVENUE		
Borough	01 - Manhattan		
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No. of Tanks	No. of Gallons	Tank Type	Fuel Type	Conversion

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Donna Jones

Public Records Representative

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C- 3/24/2009 DJ

APPENDIX E

Previous Environmental Reports

Toxics Targeting Computerized Environmental Report

1428 5th Ave
New York, NY 10035

March 22, 2004

LIMITED WARRANTY AND DISCLAIMER OF LIABILITY

Who is Covered

This limited warranty is extended by Toxics Targeting, Inc. only to the original purchaser of the accompanying Computerized Environmental Report ("Report"). It may not be assigned to any other person.

What is Warranted

Toxics Targeting, Inc. warrants that it uses reasonable care to accurately transcribe the information contained in this Report from the sources from which it is obtained. This limited warranty is in lieu of all other express warranties which might otherwise arise with respect to the Report. No one is authorized to change or add to this limited warranty.

What We Will Do

If during the warranty period there is shown to be a material error in the transcription of the information contained in this Report from the sources from which it was obtained, Toxics Targeting, Inc. shall refund to the original purchaser the full purchase price paid for the Report. The remedy stated above is the exclusive remedy extended to the Purchaser by Toxics Targeting, Inc. for any failure of the Report to conform with this Warranty, or otherwise for breach of this Warranty or any other warranty, whether expressed or implied.

What We Won't Cover

Toxics Targeting, Inc. has not and can not verify the accuracy, correctness or completion of the information contained in this Report. Information is obtained from government agencies, site owners, and other sources, and errors are common in such information. Because Toxics Targeting, Inc. can not control the accuracy of the information contained in this Report, or the uses which may be made of the information, TOXICS TARGETING, INC. DISCLAIMS LIABILITY TO ANYONE FOR ANY EVENTS ARISING OUT OF THE USE OF THE INFORMATION. TOXICS TARGETING, INC. SHALL NOT BE LIABLE FOR ANY DAMAGE CAUSED BY THIS REPORT, WHETHER DIRECT OR INDIRECT, AND WHETHER OR NOT TOXICS TARGETING, INC. HAS BEEN ADVISED OF OR HAS KNOWLEDGE OF THE POSSIBILITY OF SUCH DAMAGES. TOXICS TARGETING, INC. EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

Period of Warranty

The period of warranty coverage is ninety days from the date of purchase of this Report. There shall be no warranty after the period of coverage. ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE SHALL HAVE NO GREATER DURATION THAN THE PERIOD OF WARRANTY STATED HERE, AND SHALL TERMINATE AUTOMATICALLY UPON THE EXPIRATION OF SUCH PERIOD. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you.

PLEASE REFER TO PAGES ONE AND FOUR FOR A DESCRIPTION OF SOME OF THE LIMITATIONS OF THIS COMPUTERIZED ENVIRONMENTAL REPORT.

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- *How to Use Your Report*
- *Toxic Site Databases Analyzed In Your Report*
- *Limitations Of the Information In Your Report*

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- *Table Two:* *Identified Toxic Sites By Direction*
- *Table Three:* *Identified Toxic Sites Ranked by Proximity*
- *Table Four:* *Identified Toxic Sites By Category*
- *Map One:* *One-Mile Radius Map*
- *Map Two:* *Half-Mile Radius Map*
- *Map Three:* *Eighth-Mile Radius Map*
- *Map Four:* *Eighth-Mile Radius Close-up Map*

Section Two: Toxic Site Profiles

Section Three: Appendices

- *USEPA ERNS Check*
- *Unmappable Sites*
- *Hazardous Waste Codes*
- *How Toxic Sites Are Mapped*
- *Information Source Guide*

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Introduction

Toxics Targeting has combined environmental database searches, extensive regulatory analysis and sophisticated mapping techniques to produce your *Computerized Environmental Report.* It checks for the presence of 17 categories of government-reported toxic sites and provides detailed, up-to-date information on each identified site. The findings of your report are presented in an easy-to-understand format that:

1. *Maps* the approximate locations of selected government-reported toxic sites identified on or near a specified target address.

2. *Estimates* the distance and direction between the target address and each identified toxic site.

3. *Reports* air and water permit non-compliance and other regulatory violations.

4. *Profiles* some aspects of the usage, manufacture, storage, handling, transport or disposal of toxic chemicals at individual sites.

5. *Summarizes* some potential health effect information and drinking water standards for selected chemicals reported at individual sites.

The Three Sections Of Your Report

The first section highlights your report's findings by summarizing identified sites according to: **a)** distance intervals, **b)** direction, **c)** proximity to the target address and **d)** individual site categories. In addition, the locations of all identified toxic sites are illustrated on individual maps for each radius search distance used in your report. Finally, a close-up map illustrates the locations of all identified toxic sites, at the shortest radius search distance used in your report.

The second section of your report contains *Toxic Site Profiles* that provide detailed information on each identified toxic site. The information in each *Toxic Site Profile* varies according to its source. Some toxic site categories have extensive information, some have limited information. All the information is updated on a regular basis.

The third section of the report contains appendices that identify: **1)** on-site spills reported to the national Emergency Response Notification System (ERNS), **2)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **3)** codes that characterize hazardous wastes reported at various facilities, **4)** methods used to map toxic sites identified in your report and **5)** information sources used in your report.

How to Use Your Report

- Check Table One to see the number of <u>identified sites by distance intervals</u>.
- Check Table Two to see identified sites sorted by <u>direction</u>.
- Check Table Three to see identified sites ranked by <u>proximity to the target address</u>.
- Check Table Four to see identified sites <u>sorted by site categories</u>.
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

Toxic Site Databases Analyzed In Your Report

Search Radius

One-Mile

1) *New York Inactive Hazardous Waste Disposal Site Registry:* a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile

2) *CERCLIS* (Comprehensive Environmental Response, Compensation and Liability Information System): a federal listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile

3) *National Priority List for Federal Superfund Cleanup:* a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

One-Mile

4) *New York Hazardous Substance Disposal Site Draft Study:* a state listing of sites contaminated with toxic substances that can pose environmental or public health hazards. These sites are not eligible for state clean up funding programs.

One-Mile

5) *New York Solid Waste Facilities Registry, including New York City 1934 Sites:* active and inactive landfills, incinerators, transfer stations or other solid waste management facilities.

One-Mile

6) *New York State Major Oil Storage Facilities:* sites with more than a 400,000 gallon capacity for storing petroleum products.

One-Mile

7) *New York and Federal Hazardous Waste Treatment, Storage or Disposal Facilities:* sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRIS). Also includes the following databases:

- *RCRA violations:* waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.
- *RCRIS corrective action activity (CORRACTS):* waste facilities with RCRIS corrective action activity reported by the USEPA.

Half-Mile

8a) *Toxic Spills: active* stationary source spills reported to state environmental authorities, including unremediated leaking underground storage tanks.

Half-Mile

8b) *Toxic Spills: inactive* stationary and non-stationary source spills reported to state environmental authorities, including remediated leaking underground storage tanks.

Eighth-Mile

9) *New York and Local Petroleum Bulk Storage Facilities:* sites with more than an 1,100 gallon capacity for storing petroleum products.

Eighth-Mile

10) *New York and Federal Hazardous Waste Generators and Transporters:* sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRA). Also includes the following databases:

- *RCRA violations:* waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act .
- *RCRIS corrective action activity (CORRACTS):* waste facilities with RCRIS corrective action activity reported by the USEPA.

Eighth-Mile

11) *New York Chemical Bulk Storage Facilities:* Sites storing hazardous substances listed in 6 NYCRR Part 597 in aboveground tanks with capacities of 185 gallons or more and/or underground tanks of any size

Eighth-Mile

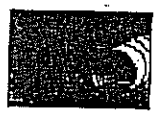
12) *New York Toxic Release Inventory Facilities:* discharges of selected toxic chemicals to air, land, water or treatment facilities.

Eighth-Mile

13) *Historic New York City Utility Sites (1890's to 1940's):* power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites.

Eighth-Mile

14) *Air Discharges:* Air pollution point sources monitored by U.S. EPA and/or state and local air regulatory agencies.

Eighth-Mile 

15) *Federal Permit Compliance System Toxic Wastewater Discharges:* permitted toxic wastewater discharges.

Eighth-Mile

16) *Federal Civil Enforcement Docket:* civil judiciary cases filed on behalf of the U. S. Environmental Protection Agency by the Department of Justice.

Property only

17) *ERNS: Federal Emergency Response Notification System Spills:* a listing of federally reported spills.

Limitations Of The Information In Your Report

The information presented in your *Computerized Environmental Report* has been obtained from various local, state and federal government agencies. Please be aware that: 1) additional information on individual sites may be available, 2) newly discovered sites are continually reported and 3) all map locations are approximate. As a result, this report is intended to be the FIRST STEP in the process of identifying and evaluating possible environmental threats to specific properties and can only serve as a guide for conducting on-site visits or additional, more detailed toxic hazard research.

Toxics Targeting tries to ensure that the information in your report is presented accurately and with minimal alteration. The only systematic changes that are made correct obvious address errors in order to allow sites to be mapped. Any address changes that are made are noted in the map information section at the top of each corresponding *Toxic Site Profile*. Since the information presented in your report is not edited, please be aware that it can contain reporting errors or typographical mistakes made by the site owners/operators or government agencies that produced the information. Please be aware of some other limitations of the information in your report:

- The computerized map used by *Toxics Targeting* is the same one used by the U. S. Census. While the map is generally accurate, no map is perfect. In addition, *Toxics Targeting's* mapping methods estimate where toxic site addresses are located if the address is not specifically designated on the Census map. FOR THESE REASONS, ALL MAP LOCATIONS OF ADDRESSES AND REPORTED TOXIC SITES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BY ON-SITE VISITS;

- UNDISCOVERED, UNREPORTED OR UNMAPPABLE TOXIC SITES MIGHT NOT BE IDENTIFIED BY THIS REPORT'S CHECK OF 17 TOXIC SITE CATEGORIES. TOXIC SITES REPORTED IN OTHER GOVERNMENT DATABASES MIGHT ALSO EXIST. FOR THESE REASONS, YOUR REPORT MIGHT NOT IDENTIFY ALL THE TOXIC SITES THAT EXIST IN THE AREA IT SEARCHES;

- The appendix of your report contains a listing of sites that could not be mapped due to incomplete or erroneous address information or other mapping problems. This listing includes unmappable toxic sites in zip code areas within one mile of the target address as well as toxic sites without zip codes reported in the same county. IF YOU WOULD LIKE INFORMATION ON ANY OF THE LISTED SITES, PLEASE CONTACT *TOXICS TARGETING AND REFER TO THE SITE ID NUMBER.*

- Some toxic sites identified in your report may be classified as **known hazards**. Most of the toxic sites identified in your report involve **potential hazards** related to the on-site use, manufacture, handling, storage, transport or disposal of toxic chemicals. Some of the toxic sites identified in your report may be the addresses of parties responsible for toxic sites located elsewhere. YOU SHOULD ONLY CONCLUDE THAT TOXIC HAZARDS ACTUALLY EXIST AT A SPECIFIC SITE WHEN GOVERNMENT AUTHORITIES MAKE THAT DETERMINATION OR WHEN THAT CONCLUSION IS FULLY DOCUMENTED BY THE FINDINGS OF AN APPROPRIATE SITE INVESTIGATION UNDERTAKEN BY LICENSED PROFESSIONALS;

- Compass directions and distances are approximate. Compass directions are calculated from the subject property address to the mapped location of each identified toxic site. The compass direction does not necessarily refer to the closest property boundary of an identified toxic site. The compass direction also can vary substantially for toxic sites that are located very close to the subject property address.

- The information presented in your report is a summary of the information that *Toxics Targeting* obtains from government agencies on reported toxic sites. YOU MAY BE ABLE TO OBTAIN ADDITIONAL INFORMATION ABOUT REPORTED SITES WITH THE FREEDOM OF INFORMATION REQUEST FORM LETTERS THAT ARE PROVIDED ON THE INSIDE OF THE BACK COVER.

Section One:

Report Summary

- *Table One:* *Number of Identified Toxic Sites By Distance Interval*
- *Table Two:* *Identified Toxic Sites By Direction*
- *Table Three:* *Identified Toxic Sites Ranked By Proximity*
- *Table Four:* *Identified Toxic Sites By Category*
- *Map One:* *One-Mile Radius Map*
- *Map Two:* *Half-Mile Radius Map*
- *Map Three:* *Eighth-Mile Radius Map*
- *Map Four:* *Eighth-Mile Radius Close up Map*

Copyright 2004 Toxics Targeting, Inc.

1428 5th Ave

March 22, 2004

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

Database Searched	0 - 100 ft	100 ft - 1/8 mi	1/8 mi - 1/4 mi	1/4 mi - 1/2 mi	1/2 mi - 1 mi	Site(s) Category Totals
NYS Inactive Hazardous Waste Disposal Sites *	0	0	0	0	0	0
CERCLIS Sites *	0	0	0	0	1	1
National Priority List Sites *	0	0	0	0	0	0
Hazardous Substance Waste Disposal Sites *	0	0	0	1	1	2
NYS Solid Waste Facilities *	0	0	0	0	1	1
NYS Major Oil Storage Facilities *	0	0	0	0	0	0
RCRA Hazardous Waste Treatment, Storage, Disposal Sites *	0	0	0	0	0	0
NYS Toxic Spills (incl. Leaking Undrgrnd Storage Tanks) **	0	8	45	200	Not searched	253
Local & State Petroleum Bulk Storage Sites ***	0	3	Not searched	Not searched	Not searched	3
RCRA Hazardous Waste Generators & Transporters ***	0	2	Not searched	Not searched	Not searched	2
NYS Chemical Bulk Storage Sites ***	0	0	Not searched	Not searched	Not searched	0
Toxic Release Inventory Sites (TRI) ***	0	0	Not searched	Not searched	Not searched	0
Historic Utility Facilities ***	0	0	Not searched	Not searched	Not searched	0
Permit Compliance System Toxic Wastewater Discharges ***	0	0	Not searched	Not searched	Not searched	0
NYS Air Discharges ***	0	0	Not searched	Not searched	Not searched	0
Civil & Administrative Enforcement Docket Facilities ***	0	0	Not searched	Not searched	Not searched	0
ERNS (Onsite) *****	0	Not searched	Not searched	Not searched	Not searched	0
NYC Fire Marshall Tank Sites (Onsite) *****	0	Not searched	Not searched	Not searched	Not searched	0
Distance Interval Totals	0	13	45	201	3	262

Search Radius: * 1 Mile Search Radius ** 1/2 Mile Search Radius *** 1/8 Mile Search Radius **** 1/8 Mile Search Radius ***** on-site only

Identified Toxic Sites by Direction

1428 5th Ave
New York, NY 10035

* Compass directions can vary substantially for sites located very close to the subject property address.

Sites less than 100 feet from subject property sorted by distance

No sites found less than 100 feet from subject property

Sites between 100 ft and 400 ft from the subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
11	DUNLEVY MILBANK CHILDREN	14-32 WEST 118TH STREET	384 feet to the N	Active Tank Test Failure
258	CANAAN HOUSES	8 WEST 118TH STREET	347 feet to the NNE	Petroleum Bulk Storage Site
142		20 EAST 116TH ST	337 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
27	OPPOSITE OF 3 WEST 116 ST	SAME	165 feet to the SSW*	Active Haz Spill (Unknown/Other Cause)
141	MANHOLE 34126	W 116TH / 5TH AVE	169 feet to the SSW*	Closed Status Spill (Misc. Spill Cause)

Sites equal to or greater than 400 ft from subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
145	27 WEST 118TH ST	27 WEST 118TH ST	463 feet to the N	Closed Status Spill (Misc. Spill Cause)
147	APARTMENT HOUSE	50 WEST 119TH ST	770 feet to the N	Closed Status Spill (Misc. Spill Cause)
56	49 WEST 119TH ST/MANH	49 WEST 119TH STREET	811 feet to the N	Active Haz Spill (Misc. Spill Cause)
5	42 W. 120TH ST	42 W. 120TH ST	1006 feet to the N	Active Tank Failure
80	42 WEST 120TH STREET	42 WEST 120TH STREET	1006 feet to the N	Closed Status Tank Failure
155	42 WEST 120TH ST/CIBRO	42 WEST 120TH STREET	1006 feet to the N	Closed Status Spill (Misc. Spill Cause)
156	120TH ST & MT MORRIS PK	120TH ST & MT MORRIS PK	1040 feet to the N	Closed Status Spill (Misc. Spill Cause)
101	MANHOLE 19753	58 WEST 120TH ST	1122 feet to the N	Closed Status Spill (Unk/Other Cause)
6	24 WEST 121 STREET	24 W 121ST STREET	1283 feet to the N	Active Tank Failure
164	5 W. 121ST STREET	5 W. 121ST STREET	1303 feet to the N	Closed Status Spill (Misc. Spill Cause)
165	5 WEST 121ST STREET	5 WEST 121ST STREET	1303 feet to the N	Closed Status Spill (Misc. Spill Cause)
63	5 FAMILY HOUSE	21 WEST 121ST ST	1333 feet to the N	Active Haz Spill (Misc. Spill Cause)
180	230 LENOX AVE	230 LENOX AVE	1626 feet to the N	Closed Status Spill (Misc. Spill Cause)
189		32 WEST 123RD STREET	1770 feet to the N	Closed Status Spill (Misc. Spill Cause)
190		242 LENOX AV	1771 feet to the N	Closed Status Spill (Misc. Spill Cause)
106		36-38 WEST 123RD ST	1781 feet to the N	Closed Status Spill (Unk/Other Cause)
109	248 LENOX AVE/MANH	248 LENOX AVENUE	1855 feet to the N	Closed Status Spill (Unk/Other Cause)
112		104 WEST 123RD ST	1946 feet to the N	Closed Status Spill (Unk/Other Cause)
46		123 WEST 124TH STREET	2295 feet to the N	Active Haz Spill (Unknown/Other Cause)
131	VS 4031	141 WEST 124TH ST	2386 feet to the N	Closed Status Spill (Unk/Other Cause)
20	152 WEST 124TH STREET	152 WEST 124TH STREET	2405 feet to the N	Active Tank Test Failure

PHASE I

ENVIRONMENTAL

SITE ASSESSMENT

March 2, 2009

Site Identification:	1428 Fifth Avenue Borough of Manhattan, New York
Tax Lot Identification:	Block 1600, Lot 20
Property Description:	Approximately 1.7-acre property containing a six-story apartment building

ESI File: LM09015.10

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue, Poughkeepsie, NY 12603
phone 845.452.1658 | fax 845.485.7083 | ecosystemsstrategies.com

4.0 CONCLUSIONS AND RECOMMENDATIONS

Ecosystems Strategies, Inc. (ESI) has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 1428 Fifth Avenue, Borough of Manhattan, New York. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property. ESI's conclusions and recommendations (in **bold**) regarding potential environmental liabilities associated with the property, if any, are presented below. Cost estimates for any proposed investigations and/or remedial actions are provided in *italics* where appropriate.

1. The subject property has contained the current six-story apartment building since circa 1983. The subject property historically contained residential and mixed-use residential/retail structures (note: Sanborn maps indicate the presence of a manufacturing facility in a first floor storefront in a former on-site building located on West 116th Street). No evidence of industrial or significant commercial use of the property was found during the review of historical records. The potential exists that debris from the demolition of former on-site structures may be present in the subsurface (such debris could contain lead based paint, asbestos, or other regulated materials).

   No further investigation of historic records is recommended. Any future development activities at the property should be conducted with an awareness of the potential presence of subsurface debris and provision should be made for the proper management of any materials that warrant special handling.

2. The subject property was not identified during the review of regulatory agency records conducted by this office. No adjoining or nearby properties were identified that are likely to significantly impact the environmental integrity of the subject property.

   No further investigation of regulatory records is recommended.

3. Small quantities of petroleum products and chemicals are stored on the subject property. Releases from these containers could potentially impact the property.

   It is recommended that all petroleum and chemical products be properly stored and that appropriate absorbent materials be maintained in all areas where releases could potentially occur.

PHASE I

ENVIRONMENTAL

SITE ASSESSMENT

November 25, 2009

Site Identification:	**1428 Fifth Avenue** **Borough of Manhattan, New York**
Tax Lot Identification:	**Block 1600, Lot 20**
Property Description:	**Approximately 1.7-acre property containing a six-story apartment building**

ESI File: LM09015.10U

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue, Poughkeepsie, NY 12603
phone 845.452.1658 | fax 845.485.7083 | ecosystemsstrategies.com

4.0 CONCLUSIONS AND RECOMMENDATIONS

Ecosystems Strategies, Inc. (ESI) has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 1428 Fifth Avenue, Borough of Manhattan, New York. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property. ESI's conclusions and recommendations (in **bold**) regarding potential environmental liabilities associated with the property, if any, are presented below. Cost estimates for any proposed investigations and/or remedial actions are provided in *italics* where appropriate.

1. The subject property has contained the current six-story apartment building since circa 1983. The subject property historically contained residential and mixed-use residential/retail structures (note: Sanborn maps indicate the presence of a manufacturing facility in a first floor storefront in a former on-site building located on West 116th Street). No evidence of industrial or significant commercial use of the property was found during the review of historical records. The potential exists that debris from the demolition of former on-site structures may be present in the subsurface (such debris could contain lead based paint, asbestos, or other regulated materials).

   No further investigation of historic records is recommended. Any future development activities at the property should be conducted with an awareness of the potential presence of subsurface debris and provision should be made for the proper management of any materials that warrant special handling.

2. The subject property was not identified during the review of regulatory agency records conducted by this office. No adjoining or nearby properties were identified that are likely to significantly impact the environmental integrity of the subject property.

   No further investigation of regulatory records is recommended.

3. Small quantities of petroleum products and chemicals were observed on the subject property during a previous site assessment. Although these products were not observed on the subject property during the current site assessment, these products may still be present on the property. Releases from these containers could potentially impact the property.

   It is recommended that all petroleum and chemical products be properly stored and that appropriate absorbent materials be maintained in all areas where releases could potentially occur.

APPENDIX F

Regulatory Review Database Report

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property:

1428 FIFTH AVE

NEW YORK NY 10035

Job Number: LM09015.11

PREPARED FOR:

Ecosystems Strategies, Inc.

24 Davis Avenue

Poughkeepsie, NY 12603

04-05-11

Tel: (781) 551-0470 *Fax: (781) 551-0471*

Environmental FirstSearch is a registered trademark of FirstSearch Technology Corporation. All rights reserved.

Environmental FirstSearch
Search Summary Report

Target Site: 1428 FIFTH AVE
NEW YORK NY 10035

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	01-14-11	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	01-14-11	0.50	0	0	0	0	-	0	0
CERCLIS	Y	01-26-11	0.50	0	0	0	0	-	0	0
NFRAP	Y	01-26-11	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	11-10-10	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	01-11-11	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	01-11-11	0.25	0	0	0	-	-	0	0
RCRA NLR	Y	01-11-11	0.25	0	0	0	-	-	0	0
Federal Brownfield	Y	03-01-11	0.50	0	0	0	0	-	0	0
ERNS	Y	01-24-11	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	0	0
State/Tribal Sites	Y	02-03-11	1.00	0	0	0	0	0	0	0
State Spills 90	Y	02-03-11	0.25	0	11	50	-	-	10	71
State Spills 80	Y	11-02-10	0.25	0	0	4	-	-	0	4
State/Tribal SWL	Y	05-03-06	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	02-03-11	0.25	0	1	8	-	-	0	9
State/Tribal UST/AST	Y	02-03-11	0.25	0	3	0	-	-	0	3
State/Tribal EC	Y	02-03-11	0.12	0	0	-	-	-	0	0
State/Tribal IC	Y	02-03-11	0.12	0	0	-	-	-	0	0
State/Tribal VCP	Y	02-03-11	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	02-03-11	0.50	0	0	0	0	-	0	0
NPDES	Y	02-10-11	0.25	0	0	0	-	-	0	0
Federal Other	Y	01-01-10	0.25	0	0	0	-	-	0	0
State Permits	Y	04-01-06	0.25	0	0	0	-	-	0	0
State Other	Y	02-03-11	0.25	0	0	0	-	-	0	0
FI Map Coverage	Y	12-30-10	0.12	2	2	-	1	-	0	5
Federal IC/EC	Y	02-07-11	0.12	0	0	-	-	-	0	0
- TOTALS -				2	17	62	1	0	10	92

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

Environmental FirstSearch
Site Information Report

Request Date:	04-05-11	**Search Type:**	COORD
Requestor Name:	adam	**Job Number:**	LM09015.11
Standard:	ASTM-05	**Filtered Report**	

Target Site: 1428 FIFTH AVE
NEW YORK NY 10035

Demographics

Sites:	92	**Non-Geocoded:**	10	**Population:**	NA
Radon:	NA				

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	-73.947306	-73:56:50	**Easting:**	588801.677
Latitude:	40.80127	40:48:5	**Northing:**	4517018.072
Elevation:	29		**Zone:**	18

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
10025	NEW YORK	NY	0.31 SW	Y
10026	NEW YORK	NY	0.00 --	Y
10027	NEW YORK	NY	0.19 NE	Y
10029	NEW YORK	NY	0.02 SE	Y
10037	NEW YORK	NY	0.69 NE	Y
10024	NEW YORK	NY	0.97 SW	N
10030	NEW YORK	NY	0.86 NE	N
10451	BRONX	NY	0.91 NE	N
10454	BRONX	NY	0.91 NE	N

Services:

	Requested?	Date
Fire Insurance Maps	Yes	04-05-11
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch
Sites Summary Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

TOTAL: 92 **GEOCODED:** 82 **NON GEOCODED:** 10 **SELECTED:** 29

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
1	*FIMAP*	*FIRE INSURANCE MAP* *POLY-19773/SANBORN*	*NEW YORK NY 10025*	*0.00 --*	*N/A*	*1*
2	*FIMAP*	*FIRE INSURANCE MAP* *POLY-20442/SANBORN*	*NEW YORK NY 10025*	*0.00 --*	*N/A*	*2*
4	*FIMAP*	*FIRE INSURANCE MAP* *POLY-19767/SANBORN*	*NEW YORK NY 10029*	*0.03 SE*	*N/A*	*3*
5	*FIMAP*	*FIRE INSURANCE MAP* *POLY-20436/SANBORN*	*NEW YORK NY 10029*	*0.03 SE*	*N/A*	*4*
60	*FIMAP*	*FIRE INSURANCE MAP* *NY-FSE-16/SANBORN*	*NEW YORK CITY NY*	*0.33 SW*	*N/A*	*5*
10	*LUST*	*DUNLEVY MILBANK CHILDREN* *0209842/CLOSED*	*14-32 W 118TH ST* *NEW YORK NY 10026*	*0.08 NE*	*+ 3*	*6*
20	*LUST*	*105 LENOX AVE/HARLEM HOSP* *9010952/CLOSED*	*105 LENOX AVE* *NEW YORK NY 10026*	*0.15 NW*	*- 2*	*8*
30	LUST	APART 0805163/CLOSED	86 W 119TH ST NEW YORK NY 10026	0.16 NW	- 1	N/A
35	LUST	42 WEST 120TH ST 9411587/HISTORIC-ACTIVE	42 W 120TH ST NEW YORK NY 10026	0.18 NE	- 1	N/A
35	LUST	42 WEST 120TH STREET 9313894/CLOSED	42 W 120TH ST NEW YORK NY 10026	0.18 NE	- 1	N/A
36	LUST	TAFT HOUSES -NYCHA 9315466/ACTIVE	1740 MADISON AVE NEW YORK NY 10029	0.18 SE	- 1	N/A
36	LUST	TAFT HOUSES -NYCHA 9402166/CLOSED	1740 MADISON AVE NEW YORK NY 10029	0.18 SE	- 1	N/A
54	LUST	24 WEST 121 STREET 9908095/CLOSED	24 W 121ST ST NEW YORK NY 10027	0.24 NE	- 1	N/A
48	LUST	127 W 119TH ST 9111198/CLOSED	127 W 119TH ST NEW YORK NY 10026	0.24 NW	- 2	N/A
3	*SPILLS*	*OPPOSITE OF 3 WEST 116 ST* *0305658/CLOSED*	*3 W 116TH ST* *NEW YORK NY 10026*	*0.03 SE*	*0*	*10*
6	*SPILLS*	*CHURCH* *0601808/ACTIVE*	*33 115TH ST* *NEW YORK NY 10026*	*0.04 SW*	*- 1*	*12*
7	*SPILLS*	*MANHOLE M56965* *0513522/CLOSED*	*5TH AVE and W 116TH ST* *NEW YORK NY 10026*	*0.06 SE*	*0*	*14*
7	*SPILLS*	*MANHOLE 34126* *9809535/CLOSED*	*W 116TH ST and 5TH AVE* *NEW YORK NY 10026*	*0.06 SE*	*0*	*16*
7	*SPILLS*	*MANHOLE 56966* *0513717/CLOSED*	*5TH AVE and W 116TH ST* *NEW YORK NY 10026*	*0.06 SE*	*0*	*18*
8	*SPILLS*	*0001066/CLOSED*	*15 W 115TH ST* *NEW YORK NY 10026*	*0.06 SW*	*- 2*	*19*
9	*SPILLS*	*WEST 115 ST* *0010119/CLOSED*	*W 115TH ST* *NEW YORK NY 10026*	*0.08 SW*	*- 2*	*20*

Environmental FirstSearch
Sites Summary Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

TOTAL: 92 **GEOCODED:** 82 **NON GEOCODED:** 10 **SELECTED:** 29

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
12	***SPILLS***	***27 WEST 118TH ST*** ***9512814/CLOSED***	***27 W 118TH ST*** ***NEW YORK NY 10026***	***0.09 NE***	***+ 2***	***21***
13	***SPILLS***	***0103884/CLOSED***	***5TH AVE and W 115TH ST*** ***NEW YORK NY 10026***	***0.09 SE***	***- 2***	***22***
15	***SPILLS***	***0110011/CLOSED***	***20 E 116TH ST*** ***NEW YORK NY 10029***	***0.10 SE***	***+ 1***	***24***
16	***SPILLS***	***NEW CONSTRUCTION*** ***9709656/CLOSED***	***81 W 115TH ST*** ***NEW YORK NY 10026***	***0.11 SW***	***- 3***	***26***
17	***SPILLS***	***APARTMENT HOUSE*** ***0000405/CLOSED***	***50 W 119TH ST*** ***NEW YORK NY 10026***	***0.14 NE***	***- 1***	***27***
18	***SPILLS***	***NW CORNER*** ***9815148/CLOSED***	***LENOX AVE and 117TH ST*** ***NEW YORK NY 10026***	***0.14 NW***	***- 1***	***29***
19	***SPILLS***	***0308444/CLOSED***	***LENOX AVE and W 116TH ST*** ***NEW YORK NY 10026***	***0.14 NW***	***- 1***	***30***
19	***SPILLS***	***9901554/CLOSED***	***LENOX AVE and W 116TH ST*** ***NEW YORK NY 10026***	***0.14 NW***	***- 1***	***32***
20	SPILLS	105 LENOX AVE/HARLEM HOSP 9010952/CLOSED	105 LENOX AVE NEW YORK NY 10026	0.15 NW	- 2	N/A
23	SPILLS	HARLEM HOSPITAL 9515425/CLOSED	135 LENOX AVE NEW YORK NY 10026	0.15 NW	- 1	N/A
21	SPILLS	116TH ST 0412749/CLOSED	MADISON AVE NEW YORK NY 10035	0.15 SE	+ 2	N/A
22	SPILLS	ENGINE CO. 058/LADD. CO. 26 FD 9704554/CLOSED	1367 5TH AVE NEW YORK NY 10029	0.15 SW	- 6	N/A
22	***SPILLS***	***ENGINE CO. 058/LADD. CO. 26 FD*** ***9702345/ACTIVE***	***1367 5TH AVE*** ***NEW YORK NY 10029***	***0.15 SW***	***- 6***	***34***
28	SPILLS	0304253/CLOSED	65 W 119TH ST NEW YORK NY 10026	0.16 NE	- 2	N/A
26	***SPILLS***	***63 W.119TH ST*** ***0107880/ACTIVE***	***63 W 119TH ST*** ***NEW YORK NY 10026***	***0.16 NE***	***- 1***	***36***
25	SPILLS	102 W 116TH ST 0008395/CLOSED	102 W 116TH ST NEW YORK NY 10026	0.16 NW	- 1	N/A
27	SPILLS	TAFT HOUSES -NYCHA 9100577/CLOSED	1365 5TH AVE NEW YORK NY 10029	0.16 SW	- 7	N/A
31	SPILLS	112-114 W 116TH ST 9104068/CLOSED	112 W 116TH ST NEW YORK NY 10026	0.17 NW	- 1	N/A
32	SPILLS	79 WEST 119 STREET 9313703/CLOSED	79 W 119TH ST NEW YORK NY 10026	0.17 NW	- 1	N/A
33	SPILLS	2 WEST 120TH ST 9612461/CLOSED	2 W 120TH ST NEW YORK NY 10026	0.18 NE	+ 19	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

TOTAL: 92 **GEOCODED:** 82 **NON GEOCODED:** 10 **SELECTED:** 29

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
35	***SPILLS***	***APARTMENT BUILDING*** ***9411587/ACTIVE***	***42 W 120TH ST*** ***NEW YORK NY 10026***	***0.18 NE***	***- 1***	***38***
34	SPILLS	22 WEST 120TH ST 9508811/CLOSED	22 W 120TH ST NEW YORK NY 10026	0.18 NE	+ 1	N/A
33	SPILLS	2 WEST 120TH STREET 9208787/CLOSED	2 W 120TH ST NEW YORK NY 10026	0.18 NE	+ 19	N/A
33	SPILLS	2 WEST 120TH ST 0200862/CLOSED	2 W 120TH ST NEW YORK NY 10026	0.18 NE	+ 19	N/A
37	SPILLS	MANHOLE 19753 0009907/CLOSED	58 W 120TH ST NEW YORK NY 10026	0.18 NE	- 1	N/A
38	SPILLS	TAFT HOUSES -NYCHA 9506363/CLOSED	95 W 119TH ST NEW YORK NY 10026	0.18 NW	- 1	N/A
36	SPILLS	HOUSING PROJECT 9802907/CLOSED	1740 MADISON AVE NEW YORK NY 10029	0.18 SE	- 1	N/A
39	SPILLS	1350 5TH AVE 9604496/CLOSED	1350 5TH AVE NEW YORK NY 10026	0.19 SW	- 9	N/A
40	SPILLS	120TH ST and MT MORRIS PK 9507979/CLOSED	120TH ST and MT MORRIS PK NEW YORK NY 10027	0.20 NE	- 1	N/A
41	SPILLS	70 LENOX AVE 9209724/CLOSED	70 LENOX AVE NEW YORK NY 10026	0.20 SW	- 3	N/A
41	SPILLS	KING TOWERS -NYCHA 9503896/CLOSED	70 LENOX AVE NEW YORK NY 10026	0.20 SW	- 3	N/A
41	***SPILLS***	***KING TOWERS -NYCHA*** ***9102023/ACTIVE***	***70 LENOX AVE*** ***NEW YORK NY 10026***	***0.20 SW***	***- 3***	***40***
42	SPILLS	OPEN EXCAVATION 0406279/CLOSED	91 E 116TH ST NEW YORK NY 10035	0.22 SE	+ 1	N/A
42	SPILLS	SERVICE BOX 19135 1004210/CLOSED	91 E 116TH ST NEW YORK NY 10035	0.22 SE	+ 1	N/A
43	SPILLS	PS 185 9814544/CLOSED	20 W 112TH ST NEW YORK NY 10026	0.22 SW	- 8	N/A
43	SPILLS	PS 185 9814724/CLOSED	20 W 112TH ST NEW YORK NY 10026	0.22 SW	- 8	N/A
45	SPILLS	BETWEEN LENOX AND 7TH AVE 0908562/CLOSED	109 W 119TH ST NEW YORK NY 10026	0.23 NW	- 1	N/A
44	SPILLS	200 LENOX AVENUE 9608875/CLOSED	200 LENOX AVE NEW YORK NY 10027	0.23 NW	- 1	N/A
46	SPILLS	ROADWAY 0800328/CLOSED	E 113TH ST and MADISON AVE NEW YORK NY 10029	0.23 SE	- 8	N/A
51	SPILLS	BROWNSTONE HOUSE 0701787/CLOSED	12 W 121ST ST NEW YORK NY 10027	0.24 NE	- 1	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

TOTAL: 92 **GEOCODED:** 82 **NON GEOCODED:** 10 **SELECTED:** 29

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
50	SPILLS	155 WEST 117TH ST 9608696/CLOSED	155 W 117TH ST NEW YORK NY 10026	0.24 NW	+ 1	N/A
48	SPILLS	127 WEST 119TH ST 9710463/CLOSED	127 W 119TH ST NEW YORK NY 10026	0.24 NW	- 2	N/A
48	SPILLS	127 WEST 119TH ST/MANH 9008744/CLOSED	127 W 119TH ST NEW YORK NY 10026	0.24 NW	- 2	N/A
47	SPILLS	123 WEST 119TH ST 9514113/CLOSED	123 W 119TH ST NEW YORK NY 10026	0.24 NW	- 1	N/A
49	SPILLS	129 WEST 119TH ST/MANH 9008277/CLOSED	129 W 119TH ST NEW YORK NY 10026	0.24 NW	- 1	N/A
52	SPILLS	BROWNSTONE ROW HOUSE 0701416/CLOSED	136 W 119TH ST NEW YORK NY 10026	0.24 NW	- 1	N/A
48	SPILLS	HPD OWNED RESIDENCE 9710446/CLOSED	127 W 119TH ST NEW YORK NY 10026	0.24 NW	- 2	N/A
53	SPILLS	MOUNT OLIZET BAPTIST CHUR 9510835/CLOSED	201 LENOX AVE NEW YORK NY 10027	0.24 NW	- 1	N/A
59	SPILLS	WHYE RESIDENCE 0312761/CLOSED	17 W 121ST ST NEW YORK NY 10027	0.25 NE	- 1	N/A
57	SPILLS	5 WEST 121ST STREET 9507949/CLOSED	5 W 121ST ST NEW YORK NY 10027	0.25 NE	- 2	N/A
57	SPILLS	5 W. 121ST STREET 9507969/CLOSED	5 W 121ST ST NEW YORK NY 10027	0.25 NE	- 2	N/A
56	SPILLS	5 FAMILY HOUSE 9704227/CLOSED	21 W 121ST ST NEW YORK NY 10027	0.25 NE	- 1	N/A
55	SPILLS	121 WEST 119TH STREET 0605155/CLOSED	121 W 119TH ST NEW YORK NY 10026	0.25 NW	- 1	N/A
58	SPILLS	E2MIS 157505 0412815/CLOSED	28 E 112TH ST NEW YORK NY 10029	0.25 SE	- 8	N/A
	SPILLS	NYCT DIESEL SPILL FROM BUS 1009465/CLOSED	116TH ST and 8TH AVE NEW YORK NY	NON GC	N/A	N/A
	SPILLS	219761; 5 AVE 1008930/CLOSED	5TH Ave NEW YORK NY	NON GC	N/A	N/A
	SPILLS	MANHOLE 60084 0411283/CLOSED	E 118TH ST NEW YORK NY	NON GC	N/A	N/A
	SPILLS	BUILDING 511 0412297/CLOSED	W 112TH ST NEW YORK NY	NON GC	N/A	N/A
	SPILLS	DOUGLAS ELMAN REALTY 0910916/CLOSED	1158 5TH AVE AVE NEW YORK NY	NON GC	N/A	N/A
	SPILLS	REGULATOR 29 0212097/CLOSED	118TH ST NEW YORK NY	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

TOTAL: 92 **GEOCODED:** 82 **NON GEOCODED:** 10 **SELECTED:** 29

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	DRUM RUN 1000423/CLOSED	1143 5TH AVE NEW YORK NY	NON GC	N/A	N/A
	SPILLS	SERVICE BOX 51021 9912624/CLOSED	MADISON ST NEW YORK NY	NON GC	N/A	N/A
	SPILLS	SERVICE BOX 60707 0405457/CLOSED	MADISON AVE NEW YORK NY	NON GC	N/A	N/A
	SPILLS	INTERSECTION 0910725/CLOSED	116TH and MALCOLM X BLVD NEW YORK NY	NON GC	N/A	N/A
24	SPILLS80	49 WEST 119TH ST/MANH 8907609/CLOSED	49 W 119TH ST NEW YORK NY 10026	0.15 NE	- 1	N/A
22	SPILLS80	TAFT HOUSES -NYCHA 8809818/CLOSED	1367 5TH AVE NEW YORK NY 10029	0.15 SW	- 6	N/A
29	SPILLS80	KING TOWERS 8708238/CLOSED	90 LENOX AVE NEW YORK NY 10026	0.16 SW	- 2	N/A
35	SPILLS80	42 WEST 120TH ST/CIBRO 8803777/CLOSED	42 W 120TH ST NEW YORK NY 10026	0.18 NE	- 1	N/A
10	***UST***	***DUNLEVY MILBANK CHLDRNS CNTR*** ***PBS2-341487/ACTIVE***	***14-32 W 118TH ST*** ***NEW YORK NY 10026***	***0.08 NE***	***+ 3***	***42***
11	***UST***	***PUBLIC SCHOOL 149 - MANHATTAN*** ***PBS2-353752/ACTIVE***	***34 W 118TH ST*** ***NEW YORK NY 10026***	***0.08 NE***	***+ 2***	***44***
14	***UST***	***CANAAN HOUSES*** ***PBS2-600905/ACTIVE***	***8 W 118TH ST*** ***NEW YORK NY 10026***	***0.09 NE***	***+ 3***	***47***

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

FIMAP

SEARCH ID: 79 **DIST/DIR:** 0.00 -- **ELEVATION:** **MAP ID:** 1

NAME: FIRE INSURANCE MAP
ADDRESS:
NEW YORK NY 10025
CONTACT:
SOURCE:

REV: 11/18/98
ID1: POLY-19773
ID2:
STATUS: SANBORN
PHONE:

SITE INFORMATION

SOURCE COLLECTION: SANBORN

NUMBER OF MAPS: UNDETERMINED

POSSIBLE MAP LOCATION

NEW YORK CITY

NEWTOWN

ROCKAWAY BEACH

RICHMOND BOROUGH OF NEW YORK CITY

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

FIMAP

SEARCH ID: 81 **DIST/DIR:** 0.00 -- **ELEVATION:** **MAP ID:** 2

NAME: FIRE INSURANCE MAP
ADDRESS:
NEW YORK NY 10025
CONTACT:
SOURCE:

REV: 11/18/98
ID1: POLY-20442
ID2:
STATUS: SANBORN
PHONE:

SITE INFORMATION

SOURCE COLLECTION: SANBORN

NUMBER OF MAPS: UNDETERMINED

POSSIBLE MAP LOCATION

NEW YORK CITY

NEWTOWN

RICHMOND BOROUGH OF NEW YORK CITY

ROCKAWAY BEACH

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

FIMAP

SEARCH ID: 78 **DIST/DIR:** 0.03 SE **ELEVATION:** **MAP ID:** 4

NAME: FIRE INSURANCE MAP
ADDRESS:
NEW YORK NY 10029
CONTACT:
SOURCE:

REV: 11/18/98
ID1: POLY-19767
ID2:
STATUS: SANBORN
PHONE:

SITE INFORMATION

SOURCE COLLECTION: SANBORN

NUMBER OF MAPS: UNDETERMINED

POSSIBLE MAP LOCATION

NEWTOWN

NEW YORK CITY

ROCKAWAY BEACH

RICHMOND BOROUGH OF NEW YORK CITY

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

FIMAP

SEARCH ID: 80 **DIST/DIR:** 0.03 SE **ELEVATION:** **MAP ID:** 5

NAME: FIRE INSURANCE MAP
ADDRESS:
NEW YORK NY 10029
CONTACT:
SOURCE:

REV: 11/18/98
ID1: POLY-20436
ID2:
STATUS: SANBORN
PHONE:

SITE INFORMATION

SOURCE COLLECTION: SANBORN

NUMBER OF MAPS: UNDETERMINED

POSSIBLE MAP LOCATION

NEW YORK CITY

NEWTOWN

ROCKAWAY BEACH

RICHMOND BOROUGH OF NEW YORK CITY

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

FIMAP

SEARCH ID: 82 **DIST/DIR:** 0.33 SW **ELEVATION:** **MAP ID:** 60

NAME: FIRE INSURANCE MAP
ADDRESS:
CENTRAL PARK NY
CONTACT:
SOURCE:

REV: 4/12/06
ID1: NY-FSE-16
ID2:
STATUS: SANBORN
PHONE:

SITE INFORMATION

SOURCE COLLECTION: SANBORN

NUMBER OF MAPS: UNDETERMINED

POSSIBLE MAP LOCATION

NEW YORK CITY

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

LUST

SEARCH ID: 75 **DIST/DIR:** 0.08 NE **ELEVATION:** 32 **MAP ID:** 10

NAME: DUNLEVY MILBANK CHILDREN
ADDRESS: 14-32 W 118TH ST
NEW YORK CITY NY 10026
NEW YORK
CONTACT:
SOURCE: NY DEC

REV: 11/2/10
ID1: 0209842
ID2: 236688
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 12/27/2002
DATE REPORTED: 12/27/2002
CLOSED DATE: 6/16/2004
INSP DATE:
MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: TANK TESTER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: CESAWYER
SPILL CONTACT: DAVE FAZIN
TELEPHONE: (516) 939-2959

SPILLER: DUN LEVY MILBANK CHILDREN
GARY
ADDRESS: 14-32 WEST 118TH STREET
NEW YORK CITY, NY 10026-
TELEPHONE:

REPORTED BY: TANK TESTER

LAST DEC UPDATE: 6/16/2004
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: TANK FAILED THE TEST.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 12/30/2002-Vought-Dave Fazin called and not at work. Called Gary Dawyot at site and left message to call duty desk and that letter was in mail. Tightness test letter sent 12/30/2002. 1/7/04-Vought-Spill transferred from Vought to Austin. 1/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 6/16/04 - Swayer - Tank and system was isolated and repaired no impact to surrounding soil. Gary Dwyot forwarded information. Closed.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

LUST

SEARCH ID: 69 **DIST/DIR:** 0.15 NW **ELEVATION:** 27 **MAP ID:** 20

NAME: 105 LENOX AVE/HARLEM HOSP
ADDRESS: 105 LENOX AVE
NEW YORK CITY NY
NEW YORK
CONTACT:
SOURCE: NY DEC

REV: 11/2/10
ID1: 9010952
ID2: 77190
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 1/14/1991
DATE REPORTED: 1/14/1991
CLOSED DATE: 1/17/1991
INSP DATE:
MATERIAL SPILLED: 6 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: -1
AMOUNT RECOVERED: 0

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: O DOWD
SPILL CONTACT:
TELEPHONE:

SPILLER: HARLEM HOSPITAL

ADDRESS: 105 LENOX AVENUE
NEW YORK, NY
TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 1/29/1991
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

CALLER REMARKS: 20K TANK, ABC TANK CLEANERS CALLED TO PUMP OUT PIT,WHOLE TANK RUPTUREDIN BASEMENT,OIL IN CONTAINMENT PIT,TANK OVERFILL,TANKS-A-LOT TO CLEAN UP SPILL,ENGINEER TURNED OFF WRONG CHECK VALVE.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was O,DOWD 01/17/91: TANK OVERFILL,ALL IN CONTAINMENT DIKE,NO AFFECT ON SEWERS,NYCDEP WAS ON SCENE TO INVESTIGATE,ABC TANK TO CLEAN UP,DEC CONFIRMED CLEAN UP and DISPOSAL OF CONTAMINATED MATERIAL.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

LUST

SEARCH ID: 69 **DIST/DIR:** 0.15 NW **ELEVATION:** 27 **MAP ID:** 20

NAME: 105 LENOX AVE/HARLEM HOSP
ADDRESS: 105 LENOX AVE
NEW YORK CITY NY
NEW YORK
CONTACT:
SOURCE: NY DEC

REV: 11/2/10
ID1: 9010952
ID2: 77190
STATUS: CLOSED
PHONE:

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 47 **DIST/DIR:** 0.03 SE **ELEVATION:** 29 **MAP ID:** 3

NAME: OPPOSITE OF 3 WEST 116 ST
ADDRESS: 3 W 116TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0305658
ID2: 137491
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 8/27/2003
DATE REPORTED: 8/27/2003
CLOSED DATE: 6/2/2005
INSP DATE:
MATERIAL SPILLED: OTHER -
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 15 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: True
INDOOR AIR: False
SURFACE WATER: False
SEWER: False
SUBWAY: False

AIR: False
GROUNDWATER: False
DRINKING WATER: False
IMPERVIOUS SURFACE: False
UNDERGROUND UTILITIES: False

CAUSE OF SPILL: UNKNOWN
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: AFFECTED PERSONS
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: JHOCONNE
SPILL CONTACT: RON ELLIOT
TELEPHONE: (212) 580-6763

SPILLER: UNKNOWN FOR NOW
SAME
ADDRESS: SAME
N/A, ZZ
TELEPHONE:

REPORTED BY: AFFECTED PERSONS

LAST DEC UPDATE: 6/2/2005
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: CON ED HAS 25 YARDS OF CONTAMINATED SOIL SPILL IS FUEL OIL UNKNOWN TYPE FUEL OIL

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was O CONNELL e2mis no. 150-081: On 8/27 14:35 K. Watts of Construction Management reported that while his Contractors were working at address Opposite 13 W116 St discovered a foul smelling dark soil that has a fuel oil smell. There is approx 25 yards of soil that is affected and approx 15 gallons of the oil in the open excavation. The excavation is approx 60 L x 10 W x 12 D. They are excavating on the sidewalk to install Transformer Vaults there. According to Watts there is a river going north/south beneath where they are excavating and they were going to support this area so our equipment does not sink. Chem Lab has been called for 8/28/2003 in the morning to take samples for PCB, ID and Flash point. No cleanup action is being taken at this time. UPDATE 8/27 16:45 the original 300 yards that was removed was clean dirt. After they reached the 12 level they (Contractor) noticed the fuel smelling dirt. The Project Manager R Diaz originally told Watts that the River water table was in the vicinity (approx 15 to 17 down.). Also the job included sinking piles to put a Pad on to support the Transformers. Watts told me that the chances were very good that the water could be affected. 12/04/03 9:49 - The lab resutlst (03-07197-001; 03-07196-001; 03-07195-001)

- Continued on next page -

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 47 **DIST/DIR:** 0.03 SE **ELEVATION:** 29 **MAP ID:** 3

NAME: OPPOSITE OF 3 WEST 116 ST
ADDRESS: 3 W 116TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0305658
ID2: 137491
STATUS: CLOSED
PHONE:

indictate presense of Lt. fuel oil and THC is 530 PPM. PCB <1. As per K. Watts 19705, six roll off of soil were removed and transported by Clean Harbors as oily soil to Con Edison approved site. No water was involved. The job was completed on 10/23/03 and the excavation was backfilled. Incident being closed. Updated by Bharat Mukhi 72227 MandC - EHS.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 30 **DIST/DIR:** 0.04 SW **ELEVATION:** 28 **MAP ID:** 6

NAME: CHURCH
ADDRESS: 33 115TH ST
NEW YORK NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0601808
ID2: 364146
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 5/15/2006
DATE REPORTED: 5/18/2006
CLOSED DATE:
INSP DATE:
MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: UNKNOWN
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: rmpiper
SPILL CONTACT: PAUL CIMNELLO
TELEPHONE: (845) 452-1658

SPILLER: CHURCH
PAUL CIMNELLO
ADDRESS: 33 115 and 36 115TH STREET
NEW YORK, NY
TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 1/11/2007
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: DURING CONSTRUCTION ON A BUILDING YOU COULD SEE OIL COMING OUT OF GROUND: IT LOOKS LIKE IT MAY BE COMING FROM THE CHURCH AND TRAVELING UNDERGROUND TO 35 -36_ SOIL HJAS BEEN STOCK PILED AND WILL BE TAKEN AWAY

DEC REMARKS:
DEC Piper responded to site to meet w./ Paul. AS per visit oil appeared out of sw corner of property. Site is contr. site. Church is adjacent to site to the east and is possible source of oil slug. No other report of oil entering site. mailed a second csl. 9/28/06- DEC Piper mailed a second csl. 10/10/06- DEC Piper spoke w. Alan from Island Tank. Alan performed tightness test on system and determined that fill and vent lines were leaking, replaced lines and fill box. They will excavate soil and collect endpoints. They will fax info when completed. 12/18/06- DEC Piper received message from Adam Lee from Eco Stratedgies requesting closure. Piper left message asking for copy of report. 1/11/07- DECP iper spoke w. Vinnie at Island Tank. He will have report shortly.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 30 **DIST/DIR:** 0.04 SW **ELEVATION:** 28 **MAP ID:** 6

NAME: CHURCH
ADDRESS: 33 115TH ST
NEW YORK NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0601808
ID2: 364146
STATUS: ACTIVE
PHONE:

INFORMATION

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 42 **DIST/DIR:** 0.06 SE **ELEVATION:** 29 **MAP ID:** 7

NAME: MANHOLE M56965
ADDRESS: 5TH AVE and W 116TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0513522
ID2: 360007
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 2/22/2006
DATE REPORTED: 2/22/2006
CLOSED DATE: 5/11/2006
INSP DATE:
MATERIAL SPILLED: UNKNOWN PETROLEUM
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: UNKNOWN
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: RESPONSIBLE PARTY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: GDBREEN
SPILL CONTACT: ERT DESK MIKE DAUGHTERY
TELEPHONE: (212) 580-8383

SPILLER: CON EDISON MANHOLE M56965
ERT DESK MIKE DAUGHTERY
ADDRESS: WEST 116TH ST/5TH AVE
MANHATTAN, NY
TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 5/11/2006
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: 1 QUART ON DIRT NOT CLEANED UP PENDING TEST RESULTS. CON ED 163052

DEC REMARKS:
163052. Found 17:00. Called E/V desk 17:16. M56965 - W 116 ST 37 43 (5 AVE). Stephen Presuto14921, Trouble Shooter Hv, Was in process of doing a manhole inspection And found unknown oil coming from duct on north wall of manhole to soil on concrete floor of manhole. He states that it is approx. 1 Qt total, mixed with soil. And also reports the following: There was or is no smoke or fire involved. No sewer or waterway affected. No injuries and weather had no affect. Account F7160 is being used for this incident. Source and cause of spill are unknown. No private property affected. No oil filled equipment in the structure. Environmental yellow tag 38879 was applied. No standing water. No substantial cracks. W/bound lane. 2 liquid samples were taken from the spill, 1 for id and 1 for pcb. Sample priority E . Chain of custody EE11972. Logger F.Curtis 38078
Update: after phone conversation with T.Regan 07430,this incident is now Spill-Unknown Oil Type Due to the finder was not sure as to the source of oil. Logger F.Curtis 38078. 5/11/06 This spill is being closed on the basis of the report in eDocs. (SKA)

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER

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Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 42 **DIST/DIR:** 0.06 SE **ELEVATION:** 29 **MAP ID:** 7

NAME: MANHOLE M56965
ADDRESS: 5TH AVE and W 116TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0513522
ID2: 360007
STATUS: CLOSED
PHONE:

INFORMATION

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 41 **DIST/DIR:** 0.06 SE **ELEVATION:** 29 **MAP ID:** 7

NAME: MANHOLE 34126
ADDRESS: W 116TH ST and 5TH AVE
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9809535
ID2: 111092
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 10/29/1998
DATE REPORTED: 10/29/1998
CLOSED DATE: 11/4/2003
INSP DATE:
MATERIAL SPILLED: DIELECTRIC FLUID
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 1 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: EQUIPMENT FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: AFFECTED PERSONS
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: CAENGELH
SPILL CONTACT: STEVE ROMERO
TELEPHONE: (212) 580-6763

SPILLER: CON ED

ADDRESS:
, NY
TELEPHONE:

REPORTED BY: AFFECTED PERSONS

LAST DEC UPDATE: 11/12/2003
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: CON ED 120911 DEFECTIVE CABLE

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT E2MIS 120911 10/29/98 1342 HRS LOU PINTO 48962 FIELD OPERATOR WORKING ON FEEDER FAULT 2M37 REPORTS TO MCC MICHAEL CROWE 71453 1 PT DIELECTRIC FLUID LEAK (INSULTAUM) IN M34126 SWC W116TH ST and 5TH AVE - PLACED PADS - CONTAINED - DID NOT ENTER SEWER OR WATERWAYS - NO IMPACT - NO AGENCY ON SITE - TOOK WIPE SAMPLE - HUNG SIGN 18163 - NO OIL FILLED EQUIPMENT IN STRUCTURE - - LOGGER MICHAEL CROWE 10/29/98 1415 HRS MR STEVE ROMERO CIG NOTIFIED BY MICHAEL CROWE-MC 10/30/98 01:16 RECEIVED LAB RESULTS AT 01:06 LAB SEQUENCE 98-11856 AROCLOR - 1254 PCB - 13 PPM 11-2-98 09:55 Cleanup completed on 10-30-98 at 2100 hours, supervised by P.Reidmiller 52281. 1-pint oil removed with absorbant, mh was then flushed. 1-55 gallon drum nonhazardous waste generated. Tag 18163 removed. Crew: G.Garcia 18644 and W.Garcia 17040.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER

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Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 41 **DIST/DIR:** 0.06 SE **ELEVATION:** 29 **MAP ID:** 7

NAME: MANHOLE 34126
ADDRESS: W 116TH ST and 5TH AVE
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9809535
ID2: 111092
STATUS: CLOSED
PHONE:

INFORMATION

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 39 **DIST/DIR:** 0.06 SE **ELEVATION:** 29 **MAP ID:** 7

NAME: MANHOLE 56966
ADDRESS: 5TH AVE and W 116TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0513717
ID2: 360242
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 2/28/2006
DATE REPORTED: 2/28/2006
CLOSED DATE: 5/12/2006
INSP DATE:
MATERIAL SPILLED: DIELECTRIC FLUID
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: EQUIPMENT FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: RESPONSIBLE PARTY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: GDBREEN
SPILL CONTACT: ERT DESK
TELEPHONE: (212) 580-8383

SPILLER: CON EDISON MH 56966
ERT DESK
ADDRESS: WEST 116TH/ 5TH AVE
MANHATTAN, NY
TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 5/12/2006
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: LEAKING FEEDER, NO TO 5 QUESTIONS; CONED 163112

DEC REMARKS:
163112. Found 10:10 hrs. Called E/V desk 10:13 hrs M56966 - N/S W116 ST 54 W/O 5 AVE Michael Melendez 11285, Operating Supervisor U.G Reports that in process of working on maintenance work in the above manhole. Found approx. 1 pint of cable oil leaking from a 3c lead joint to concrete floor. This is now a D-Fault location D-Fault tag 01289 placed, see ME06003240. And for this reason, this cannot be considered a 72-hour De Minimus spill. And also reports the following: There was or is no smoke or fire involved. No sewer or waterway affected. No injuries and weather had no affect. Account 12039 is being used for this incident. Source and cause of spill are leaking joint. No private property affected. No oil filled equipment in the structure No substantial cracks. Access anytime. 1 lane of traffic. No samples taken due to D-Fault. Clean pending repair. Logger F.Curtis 38078 5/12/06 This spill is being closed based on report in eDocs. (SKA)

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

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Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 39 **DIST/DIR:** 0.06 SE **ELEVATION:** 29 **MAP ID:** 7

NAME: MANHOLE 56966
ADDRESS: 5TH AVE and W 116TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0513717
ID2: 360242
STATUS: CLOSED
PHONE:

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 58 **DIST/DIR:** 0.06 SW **ELEVATION:** 27 **MAP ID:** 8

NAME:
ADDRESS: 15 W 115TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0001066
ID2: 144964
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 1/31/2000
DATE REPORTED: 4/26/2000
CLOSED DATE: 6/14/2000
INSP DATE:
MATERIAL SPILLED: WASTE OIL/USED OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: DELIBERATE
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: MXTIPPLE
SPILL CONTACT: MR ROSS
TELEPHONE: (718) 366-4970

SPILLER: UNKNOWN

ADDRESS:
, NY
TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 8/24/2000
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: CALLER STATES WASTE OIL WAS DUMPED ONTO NYC HOUSING AUTHORITY PROPERTY - CALLER DID PHASE 1 and 2 CLEAN UP

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE PAPEERWORK SUBMITTED-LOT CLEANED

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 54 **DIST/DIR:** 0.08 SW **ELEVATION:** 27 **MAP ID:** 9

NAME: WEST 115 ST
ADDRESS: W 115TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0010119
ID2: 295509
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 12/8/2000
DATE REPORTED: 12/8/2000
CLOSED DATE: 5/10/2001
INSP DATE:
MATERIAL SPILLED: WASTE OIL/USED OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 120 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: ABANDONED DRUMS
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: LOCAL AGENCY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: TJDEMEO
SPILL CONTACT: WAI MAN WONG
TELEPHONE: (718) 595-4783

SPILLER: UNKNOWN

ADDRESS:
, NY
TELEPHONE:

REPORTED BY: LOCAL AGENCY

LAST DEC UPDATE: 5/16/2001
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: 2 55 GALS DRUMS AND 1 5 GAL PAIL OF WASTE OIL DISCOVERED ON SIDEWALK IFO VACANT LOT

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 5/15/2001 TJD Drum emptied 5/10/01 see spill 9930008 PIN 01036

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 18 **DIST/DIR:** 0.09 NE **ELEVATION:** 31 **MAP ID:** 12

NAME: 27 WEST 118TH ST
ADDRESS: 27 W 118TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9512814
ID2: 122433
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 1/15/1996
DATE REPORTED: 1/15/1996
CLOSED DATE: 1/16/1996
INSP DATE:
MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 5 G
AMOUNT RECOVERED: 5 G

RESOURCE AFFECTED

SOIL: True
INDOOR AIR: False
SURFACE WATER: False
SEWER: False
SUBWAY: False

AIR: False
GROUNDWATER: False
DRINKING WATER: False
IMPERVIOUS SURFACE: False
UNDERGROUND UTILITIES: False

CAUSE OF SPILL: HUMAN ERROR
WATERBODY AFFECTED:
SOURCE OF SPILL: TANK TRUCK
REPORTED BY: RESPONSIBLE PARTY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: MCTIBBE
SPILL CONTACT:
TELEPHONE:

SPILLER: T AND S TRUCKING
SAME
ADDRESS: 53 SECOND AVE
BROOKLYN, NY 11215-
TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 1/27/1998
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: DRIVER MISREAD THE GAUGE - RESULTED IN TANK OVERFILL

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE CLEANED BY RP.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 56 **DIST/DIR:** 0.09 SE **ELEVATION:** 27 **MAP ID:** 13

NAME:
ADDRESS: 5TH AVE and W 115TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0103884
ID2: 301962
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 7/12/2001
DATE REPORTED: 7/12/2001
CLOSED DATE: 9/28/2001
INSP DATE:
MATERIAL SPILLED: WASTE OIL/USED OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 25 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: ABANDONED DRUMS
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: LOCAL AGENCY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: TDGHIOSA
SPILL CONTACT: WAIMAN WONG
TELEPHONE: (718) 595-4784

SPILLER: UNKNOWN

ADDRESS:
, ZZ -
TELEPHONE:

REPORTED BY: LOCAL AGENCY

LAST DEC UPDATE: 9/28/2001
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: 2 DRUMS...1 EMPTY 1 ABOUT 1/2 FULL...THERE WERE REPORTED IN DEC 2000 AND NOTHING HAS BEEN DONE W/ THEM AS OF YET. CR 0010119.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY SEPT 28, 2001 MILRO EMPTIED TWO DRUMS UNDER DRUM RUN PIN. SEE SPILL NO 99-30008/PIN 01036. NFA FOR THIS SPILL.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 61 **DIST/DIR:** 0.10 SE **ELEVATION:** 30 **MAP ID:** 15

NAME:
ADDRESS: 20 E 116TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0110011
ID2: 175184
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 1/17/2002
DATE REPORTED: 1/17/2002
CLOSED DATE: 12/16/2002
INSP DATE:
MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 10 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: EQUIPMENT FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: MXTIPPLE
SPILL CONTACT: INDIRA SEELALL
TELEPHONE: (718) 205-1700

SPILLER:
INDIRA SEELALL
ADDRESS: 20 EAST 116TH ST
MANHATTAN, NY
TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 12/17/2002
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: BROKEN VALVE CAUSED RELEASE - SPILL CONTAINED AND WILL BE CLEANED UP 1-18

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE Spill has been cleaned up by A.L. Eastmond Spill was originally Krimgold s, but was switched to Tipple. Site was an oil spill in a basement area. Eastmond came in cleaned the site and poured a new cement floor. There was no confirmation concerning if the soil below the the slab was ever cleaned. On June 5, 2002 Michelle Tipple wrote a letter to Indira Seelall of New York Friendly Construction Inc. requesting a subsurface investigation of the area (soil borings and water samples). 7/10/2002 - Sangesland got a call from Shazad Kahn (718-961-8530) He is an independent tester who was hired by the owner to take care of this spill . He had a copy of Michelle s letter, but did not know exactly what was required. Based on the photographs of the area, it appears that the problem is a 6ft x 12ft area in the basement. Sangesland suggested that two borings should be drilled generally through the center of each half of the floor. The the borings should be screened and a sample taken of the hottest area. The contactor should push down to also collect water samples. If bedrock is hit before reaching water, Sangesland suggested that a report showing totally clean soil samples MAY BE ADEQUATE for Ms. Tipple. She MAY still require the water samples. Only Ms. Tipple can make that decision. 7/15/02 RECIEVED NOTE THAT THE INDEPENDANT TESTING CO. HAD DONE BORINGS TAKEN SAMPLES

- Continued on next page -

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 61 **DIST/DIR:** 0.10 SE **ELEVATION:** 30 **MAP ID:** 15

NAME:
ADDRESS: 20 E 116TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0110011
ID2: 175184
STATUS: CLOSED
PHONE:

AND CLOSED THE HOLES WITHOUT SPEAKING TO MS.TIPPLE PRIOR TO BEGINNING WORK. I DO NOT KNOW WHERE THE BORINGS WERE LOCATED, NOR WAS I ABLE TO BE PRESENT FOR THE OCCASION. 8/30/2002 Inadequate report sent, no information as to location of samples, depth of samples, field screening etc. New conc. slab appears to be covering something. R. Lewis from Eastman stated that they only picked up bags of petroleum contaminated debris, they did no remedial work. There were tanks removed from the site,(Eastman report concrete floor with dirt around tanks) there was no reference anywhere in the reporting that the tanks were removed and or disposed, size and if they should have been registered. 10/28/2002 Another phone request for closure, still inadequate information/cleanup to date. 12/16/2002 SITE VISIT BY TIPPLE. CONTRACTOR HAD CONCRETE FLOOR OPENED, EXCAVATION REVEALED NO OBSREVABLE INDICATIONS OF CONTAMINANTS, EITHER VISUAL OR OLFACTORY . NATIVE FILL CONSISTED OF OLD BRICK, SHIST AS WELL AS SOIL. NO FURTHER ACTION IS REQUIRED. CURRENT TANK AT THIS SITE HAS A 750 GAL CAPACITY.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 44 **DIST/DIR:** 0.11 SW **ELEVATION:** 26 **MAP ID:** 16

NAME: NEW CONSTRUCTION
ADDRESS: 81 W 115TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9709656
ID2: 211724
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 11/19/1997
DATE REPORTED: 11/19/1997
CLOSED DATE: 7/12/2006
INSP DATE:
MATERIAL SPILLED: UNKNOWN PETROLEUM
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	False	**AIR:**	True
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: OTHER
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: RESPONSIBLE PARTY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: SXLASDIN
SPILL CONTACT: HELEN B ATKINSON
TELEPHONE: (212) 366-4500 209

SPILLER: CONTINENTAL GENERAL
BILL DUNN
ADDRESS: 1 GATEWAY CENTER
NEWARK, NJ 07102-
TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 7/12/2006
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: UPON CUTTING A HOLE IN THE WALL TO MEET THE MAIN DRAIN IN THE STREET FOR DOMESTIC WATER-BETWEEN POINT A AND POINT B THERE IS A FUEL TANK-FUMES COMING FROM TANK. WILL CAUSE DEC FOR INFO ON HOW TO REMOVE TANK.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was M TIBBE CFDC Helen B. Atkinson 212-366-4500 ext. 209 12/11/97 - Teddy from Continental General contractors left message that they removed the tank and there was no contamination. Possible gasoline tank. 7/12/06. no spill reported. close spill.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 44 **DIST/DIR:** 0.11 SW **ELEVATION:** 26 **MAP ID:** 16

NAME: NEW CONSTRUCTION
ADDRESS: 81 W 115TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9709656
ID2: 211724
STATUS: CLOSED
PHONE:

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 26 **DIST/DIR:** 0.14 NE **ELEVATION:** 28 **MAP ID:** 17

NAME: APARTMENT HOUSE
ADDRESS: 50 W 119TH ST
NEW YORK NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0000405
ID2: 182429
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 4/10/2000
DATE REPORTED: 4/10/2000
CLOSED DATE: 2/19/2003
INSP DATE:
MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 1 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: True
INDOOR AIR: False
SURFACE WATER: False
SEWER: False
SUBWAY: False

AIR: False
GROUNDWATER: False
DRINKING WATER: False
IMPERVIOUS SURFACE: False
UNDERGROUND UTILITIES: False

CAUSE OF SPILL: TANK OVERFILL
WATERBODY AFFECTED:
SOURCE OF SPILL: PRIVATE DWELLING
REPORTED BY: AFFECTED PERSONS
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: TOMASELLO
SPILL CONTACT: WALTER MILLER
TELEPHONE: (212) 369-4079

SPILLER: INTERBORO

ADDRESS: UNK
NEW YORK, NY
TELEPHONE:

REPORTED BY: AFFECTED PERSONS

LAST DEC UPDATE: 2/19/2003
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: CALLER STATES EVERY MONTH OIL IS DELIVERED ATLEAST 1 GALLON GETS SPILLED DUE TO TANK OVERFILL-ON GOING PROBLEM AND ALSO HAS SEEN OIL SPRAYED ON WALL IN BASEMENT.

DEC REMARKS:

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 45 **DIST/DIR:** 0.14 NW **ELEVATION:** 28 **MAP ID:** 18

NAME: NW CORNER
ADDRESS: LENOX AVE and 117TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9815148
ID2: 76533
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 3/22/1999
DATE REPORTED: 3/22/1999
CLOSED DATE: 6/6/2002
INSP DATE:
MATERIAL SPILLED: UNKNOWN MATERIAL
MATERIAL CLASS: OTHER
AMOUNT SPILLED: 1 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: HUMAN ERROR
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: AFFECTED PERSONS
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: CAENGELH
SPILL CONTACT:
TELEPHONE:

SPILLER: UNKNOWN CONTRACTOR
UNKNOWN
ADDRESS: UNKNOWN
UNKNOWN, ZZ
TELEPHONE:

REPORTED BY: AFFECTED PERSONS

LAST DEC UPDATE: 1/31/2003
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: CONTRACTOR WORKING FOR NYC HIT AND ABANDONED NATURAL GAS LINE WHILE DIGGING AT ABOVE LOCATION GAS LINE HAD AN UNKNOWN LIQUID MATERIAL IN IT POSS WATER MATERIAL ENTERED THE SOIL IN THE DIG SITE SOIL SAMPLES WILL BE TAKEN CLEAN UP IS UNDERWAY MATERIAL BE TREATED AS HAZ MAT

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT Con Ed e2mis 123776: D.MILES REPORTS 3RD PARTY SPILL CONTRACTOR DAMAGED 6 ABANDONED MAIN 1-GAL OF UNKNOWN FLUID LEAKED FROM 6 MAIN INTO CONTRACTORS EXCAVATION,CON-ED CREW INSTALLED 6 STRAP SADDLE ON MAIN SPILL CONTAINED CHEMIST ENROUTE TO LOCATION TO TAKE SAMPLES. DID NOT ENTER ANY SEWERS OR WATERWAYS.CLEAN UP IN PROGRESS ENTERED BY 30233. P. Lonseth,78189,3/29/99. Changed open status to pending results entered stop time. Lab analysis for benzene is 8 PPM waiting further analysis. Soil is containerized and at 110th street yard P.LONSETH,78189,4/26/99. Closed job. P.lonseth,78189,5/12/99. The 8ppm was sampled from the abandoned main at this location. The sample was of water. There was no sludge or oils present.

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 45 **DIST/DIR:** 0.14 NW **ELEVATION:** 28 **MAP ID:** 18

NAME: NW CORNER
ADDRESS: LENOX AVE and 117TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9815148
ID2: 76533
STATUS: CLOSED
PHONE:

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 59 **DIST/DIR:** 0.14 NW **ELEVATION:** 28 **MAP ID:** 19

NAME:
ADDRESS: LENOX AVE and W 116TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0308444
ID2: 155909
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 11/10/2003
DATE REPORTED: 11/10/2003
CLOSED DATE: 11/13/2003
INSP DATE:
MATERIAL SPILLED: COOKING GREASE
MATERIAL CLASS: OTHER

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: True
INDOOR AIR: False
SURFACE WATER: False
SEWER: False
SUBWAY: False

AIR: False
GROUNDWATER: False
DRINKING WATER: False
IMPERVIOUS SURFACE: False
UNDERGROUND UTILITIES: False

CAUSE OF SPILL: UNKNOWN
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: MXTIPPLE
SPILL CONTACT: RACQUEL RIVERA
TELEPHONE: (212) 996-8584

SPILLER:

ADDRESS:
Update, ZZ
TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 3/30/2004
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: CLEANUP IN PROGRESS

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 60 **DIST/DIR:** 0.14 NW **ELEVATION:** 28 **MAP ID:** 19

NAME:
ADDRESS: LENOX AVE and W 116TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9901554
ID2: 208542
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 5/10/1999
DATE REPORTED: 5/10/1999
CLOSED DATE: 8/18/2009
INSP DATE:
MATERIAL SPILLED: WASTEWATER
MATERIAL CLASS: OTHER
AMOUNT SPILLED: 1 G
AMOUNT RECOVERED: 1 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: EQUIPMENT FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: RESPONSIBLE PARTY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: JMKRIMGO
SPILL CONTACT:
TELEPHONE:

SPILLER: CON ED
CALLER
ADDRESS: 4 IRVING PLACE
MANHATTAN, NY 10003
TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 8/18/2009
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: CON ED WAS REMOVING AN ABANDONED GAS MAIN AND 1/2 GAL OF DRIP WATER SPILLED ONTO SOIL - SOIL BEING REMOVED CON ED 124766

DEC REMARKS:
08/18/09 - See eDocs for Con Ed report detailing cleanup and closure. Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT DEC INSPECTOR NOTES 8-19-99 E-Mailed ERTs for E2mis report. CON ED E2MIS REPORT 6-01-99 While removing an abondoned gas main which contained drip water approx.1/2 gal spilled on to the soil in the excavation, spill was contained and spoiled soil excavated and placed in drum. Samples were taken for analysis. Reported to and input by Pollicino CIG was notified. Cleanup was completed 16:20

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 60 **DIST/DIR:** 0.14 NW **ELEVATION:** 28 **MAP ID:** 19

NAME:
ADDRESS: LENOX AVE and W 116TH ST
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9901554
ID2: 208542
STATUS: CLOSED
PHONE:

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 32 **DIST/DIR:** 0.15 SW **ELEVATION:** 23 **MAP ID:** 22

NAME: ENGINE CO. 058/LADD. CO. 26 FDNY -DDC
ADDRESS: 1367 5TH AVE
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9702345
ID2: 190797
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 5/23/1997
DATE REPORTED: 5/23/1997
CLOSED DATE:
INSP DATE:
MATERIAL SPILLED: DIESEL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: EQUIPMENT FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: ADZHITOM
SPILL CONTACT: TONY MORINO - NYC DDC
TELEPHONE: (718) 391-1062

SPILLER: ENGINE CO 58/LADDER CO 26
TONY MORINO - NYC DDC
ADDRESS: 1367 5TH AV
MANHATTAN, NY
TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 6/30/2010
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: LEAKING UST CAUSED SPILL - THEY JUST GOT LAB RESULTS BACK TODAY TO CONFIRM SPILL OCCURRED - INVESTIGATION and REPORT WILL BE SENT TO DDC - REMEDIATION WILL TAKE PLACE IF NECESSARY. ALSO SEE SPILL 9704554.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHITOMIRSKY 1/13/2006 Reviewed free product recovery data. The site has a free product plume. Source is still unknown. Consultants are trying to determine a source prior to recommending a remedial strategy.IRM is implemented but has not been very successful. The permanent system is required. AZ 4/17/2006 Contacted John Busse (URS) and reviewed submitted Proposed Remedial Strategy for Free Product Recovery Only. The site has a free phase plume. URS initially proposed an extractive bioventing system, a groundwater extraction system and a free product recovery system. But the plan, which was approved by DEC, was never implemented the only feasible location for the treatment system was area which is owned by the New York City Housing Authority, and NYCHA would not grant the necessary permission. In November 2006 URS submitted a report which proposed weekly site visits to the site to recover free product and evaluate the results in three months. If this approach is not effective URS will submit to the DEC a DAR for a permanent free product recovery system. On 4/17/2006 John

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 32 **DIST/DIR:** 0.15 SW **ELEVATION:** 23 **MAP ID:** 22

NAME: ENGINE CO. 058/LADD. CO. 26 FDNY -DDC
ADDRESS: 1367 5TH AVE
MANHATTAN NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9702345
ID2: 190797
STATUS: ACTIVE
PHONE:

Busse stated that URS will submit to the DEC a plan for the permanent system soon. I stated that, under the existing conditions, free product plume should be addressed immediately and dissolved phase contamination and soil contamination plumes could be assessed later. AZ 6/7/2006 Reviewed a Design Analysis Report for the above referenced site submitted on May 1, 2006. The report states that based on the site monitoring data, free product was detected in MW-11, MW-13 and MW-18. URS proposed to install free product skimmer pumps in these wells. This proposal was approved. The effectiveness of free product recovery system performance should be evaluated in a quarter. A monitoring plan should be implemented. AZ 1/23/2007 At the meeting with DDC/URS on January 10, 2007, the site was discussed. Jane Staten informed that URS performs weekly free product recovery - a few gallons of product are recovered each time. Specs and drawings are being prepared. A contract will be bid in February 2007. AZ 8-13-2007 Reviewed Free Product Recovery Data Report dated April 25, 2007. The report stated that free product thickness ranged from 0.14 to 2.69 in MW-13. Manual bailing has had little impact on product levels. A permanent recovery system will be installed and operational by the end of summer 2007. AZ 2-20-2008 Reviewed Free Product Recovery Data through October 2007 submitted in November 2007. The Report stated that to date the effort to remove free product from wells MW-11, MW-13 and MW-18 has had little to no impact on product levels. The free product thickness ranged from 0.59 in MW-18 to 0.82 in MW-13. The report stated that the free product recovery system should be operational by the end of 2007. An e-mail was sent to DDC/URS: ...The report stated that the permanent free product recovery system should be operational by the end of 2007. The previous report dated April 2007 stated that the system will be installed and operational by the end of summer 2007. However, the system has yet to be installed. DEC requests that the permanent free product recovery system should be installed without delay. Several monitoring wells should be installed on Fifth Avenue west of monitoring wells MW-13, MW-18 and MW-11 to delineate the free phase plume. Site wells which do not contain free product should be sampled for dissolved VOCs and SVOCS. AZ 3-5-2008 Discussed the site with Jane Staten: two additional wells should be installed between MW-14 and WM-15 if utilities and structures allow. All wells should be gaged. AZ 8-13-2008 Reviewed Summary of Well Installation and Latest Groundwater Results. dated 6/11/2008. Wells MW-22 and MW-23 were installed across the street from EC 58. There is no dissolved groundwater contamination at the site. Wells MW-11, MW-13, and MW-18 contain free product. Franklin is currently constructing the product recovery system at the site. It is anticipated, according to URS, that the system will be operational by the end of June 2008. Three product recovery wells were installed at the locations of the wells that historically exhibited free product, including MW-11, MW-13, and MW-18. URS does not anticipate visiting the site to collect gw samples or gauge wells. I requested, via e-mail, that semi-annual site-wide free product gauging and groundwater sampling be performed to monitor site conditions and off-site plume migration. The results of monitoring and sampling should be included in the remediation system performance reports. 1-8-2009 Reviewed System Performance Monitoring data for July-October 2008. Franklin constructed the product recovery system that consisted of PetroXtractor oil skimmer pump installed in three wells. On July 25, 2008, URS re-installed well RW-02 (MW-13). On July 25, 2008, system began operating. After one week of operation, no product was detected in any recovery wells. 2 gallons of product was recovered from wells RW-01 and RW-03. URS recommended that the system be shut down temporarily. URS will gauge the wells monthly and if product is detected will resume system operation. AZ 5-19-09 Reviewed System Performance Monitoring data for November 2008 - February 2009.On January 31, 2009 the system began operating; however, the motors failed in two wells. Franklin has ordered new motors. Currently, only well RW-03 is exhibiting free product. AZ 1-6-09 Reviewed System Performance Monitoring data for November 2008 - February 2009.PetroXtractor oil skimmer pumps are installed in 3 three recovery wells RW-1 (formerly MW-11), RW-2(MW-13), RW-3(MW-18).On April 29, 09, Franklin operated W-1 and RW-2 every other week, RW-3 was operated continuously. All pumps were operated continuously beginning June 2009. AZ 2-9-2010 Reviewed System Performance Monitoring data for June - August 2009. No product was measured during this monitoring period. AZ 3-22-2010 Reviewed System Performance Monitoring data for September - November 2009. On September 9, 09 032 feet of product was detected in MW-8 which is located about 40 feet sidegradient of the extraction wells.Vacuum truck visited the site on September 17, 09. MW-8 exhibited free product of five occasions between 2001 and 2002 with measurements ranging from a sheen to 2.6 . AZ 6-30-2010 Reviewed System Performance Monitoring data for December 2009 - February 2010. Product was measured in RW-01 on January 13, 2010 (0.19). Product is consistently detected in the holding tank for RW-1. Also product was detected in holding tank for RW-02. AZ

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 22 **DIST/DIR:** 0.16 NE **ELEVATION:** 28 **MAP ID:** 26

NAME: 63 W.119TH ST
ADDRESS: 63 W 119TH ST
NEW YORK NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0107880
ID2: 263902
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 11/1/2001
DATE REPORTED: 11/1/2001
CLOSED DATE:
INSP DATE:
MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 50 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: UNKNOWN
WATERBODY AFFECTED:
SOURCE OF SPILL: TANK TRUCK
REPORTED BY: FIRE DEPARTMENT
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: SFRAHMAN
SPILL CONTACT: NYC HOUSING OP 171
TELEPHONE: (212) 824-4328 0

SPILLER: UNK

ADDRESS: UNK
UNK, ZZ
TELEPHONE:

REPORTED BY: FIRE DEPARTMENT

LAST DEC UPDATE: 10/8/2010
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: DELIVERY OF FUEL TODAY MAYTERILA IS LOCATED IN BASEMENT UNK AT THIS POINT IF ANY CONTAMINATION LEFT THE BASEMENT FD ON SCENE NOW PUMPING SOME OF THE MATERIAL OUT WAITING FOR NYC HOUSING TO RESPOND NYC HOUSING COMP 1519000

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 11/02/2001 DEMEO REFERRED THE FOLLOWUP TO TIPPLE. VERNON ROBERTS PRIOR SUPER 718-861-2480 DAUGHTER AND FORMER OWNER CHERYL ROBERTS 212-926-6274 THE PROPERTY WAS TAKEN BACK BY HPD FOR NON-PAYMENT OF TAXES AS PER CONVERSATIONS WITH BOTH VERNON AND CHERYL. THEY BOTH EITHER HAVE NO KNOWLEDGE OF OR REFUSE TO REVEAL THE NAME OF THE OIL COMPANY THAT OVERFILLED THE TANK. JIM GALLAGHER 212-863-8638 EMERGENCY REPAIR BUREAU OF HPD WAS CALLED IN AN ATTEMPT TO FIND THE OIL COMPANY.
2/6/03 - AUSTIN, DDO - CALL FROM LORETTA METRO FUEL(718-383-1400) - SHE WANTS TO CLOSE OUT THE SPILL FOR A CLIENT - I TOLD HER TO FOIL RECORDS, PROVIDE AN UPDATE TO US FOR CLOSURE 10/10 03 TIPPLE SENT REQUEST FOR DOCUMENTATION
10/8/10 - Austin - Reassigned from Tang to Spills staff - end

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 22 **DIST/DIR:** 0.16 NE **ELEVATION:** 28 **MAP ID:** 26

NAME: 63 W.119TH ST
ADDRESS: 63 W 119TH ST
NEW YORK NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 0107880
ID2: 263902
STATUS: ACTIVE
PHONE:

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 25 **DIST/DIR:** 0.18 NE **ELEVATION:** 28 **MAP ID:** 35

NAME: APARTMENT BUILDING
ADDRESS: 42 W 120TH ST
NEW YORK NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9411587
ID2: 295950
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 11/30/1994
DATE REPORTED: 11/30/1994
CLOSED DATE:
INSP DATE:
MATERIAL SPILLED: 4 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 100 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	True	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	False	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: EQUIPMENT FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: OTHER
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: HRAHMED
SPILL CONTACT:
TELEPHONE:

SPILLER: APARTMENT BUILDING
BOB DECK
ADDRESS: 42 WEST 120 STREET
MANHATTAN, NY
TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 8/19/2008
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: SPEEDY DRY USED-WILL PUT INTO DRUMS ETC.

DEC REMARKS:
Information request letter sent to Tahl-Propp Equities 11/04/05. Heitzman Spill transferred back to R-2 3/7/08 - Austin - Assigned to Ketani for further investigation - end 7/15/08 - Raphael Ketani. The spill happened on 11/30/94. About 100 gal. of 4 oil was spilled. The oil was cleaned up and the spent absorbent was put into drums. There is just one letter in the paper file. It is dated November 4, 2005 and is the same letter that I found in the E-docs. There were no other documents available. There is no PBS record. The site is block and lot 1718 and 53. Alternate addresses are 42-44 W. 120 Street. The owner of record is 40-44 West 120 Street Associates, LLC, c/o Tahl-Propp Equities, 405 Park Avenue, Ste 1103, NY, 10022-9410. I tried the alternate address and still couldn t find a PBS record. I sent a CSL. 8/18/08 - Raphael Ketani. The case is being prepared for transfer due to a case realignment within the unit. The case manager should find out whether a site investigation is taking place or whether an investigation plan has been written. The owners need to submit a PBS registration for the tanks.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 25 **DIST/DIR:** 0.18 NE **ELEVATION:** 28 **MAP ID:** 35

NAME: APARTMENT BUILDING
ADDRESS: 42 W 120TH ST
NEW YORK NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9411587
ID2: 295950
STATUS: ACTIVE
PHONE:

INFORMATION

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 37 **DIST/DIR:** 0.20 SW **ELEVATION:** 26 **MAP ID:** 41

NAME: KING TOWERS -NYCHA
ADDRESS: 70 LENOX AVE
NEW YORK CITY NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9102023
ID2: 319307
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 5/20/1991
DATE REPORTED: 5/21/1991
CLOSED DATE:
INSP DATE:
MATERIAL SPILLED: 6 FUEL OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 50 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL:	False	**AIR:**	False
INDOOR AIR:	False	**GROUNDWATER:**	False
SURFACE WATER:	False	**DRINKING WATER:**	False
SEWER:	True	**IMPERVIOUS SURFACE:**	False
SUBWAY:	False	**UNDERGROUND UTILITIES:**	False

CAUSE OF SPILL: UNKNOWN
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: RESPONSIBLE PARTY
REGION:
UST TRUST? NO

SPILL INVESTIGATOR: jkkann
SPILL CONTACT:
TELEPHONE:

SPILLER: NYCHA

ADDRESS: 250 BROADWAY
NEW YORK, NY
TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 9/21/2010
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: POSSIBLE SEEPAGE FROM UNDERGROUND TANK,MAY BEING OVERFLOWING DUE TO FLOOD IN BOILER ROOM, EPA,NYCFD HAZ MAT NOTIFIED,WILL BE CONTRACTING TO CLEAN UP SPILL.

DEC REMARKS:
01/23/06: This spill transferred from J.Kolleeny to S.Kraszewski. Two 25K tanks installed in 1954. TTF in 1989 followed by installation of some MWs. TTF in 1991 followed by Phase II Investigation. A passive recovery system was installed in the boiler room to collect fuel oil seepage. Unsure about monitoring records for wells and recovery system. Need to contact NYCHA for an update. - SK 9/22/06: Spill transferred from Kraszewski to Kann. 7/31/07: J.Kann - WP submitted 7/27/07 and is under review. 7/20/10: J.Kann - WP received on 7/15/10. 9/21/10: J.Kann - Quarterly Report Rcvd 9/1/10.

THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

SPILLS

SEARCH ID: 37 **DIST/DIR:** 0.20 SW **ELEVATION:** 26 **MAP ID:** 41

NAME: KING TOWERS -NYCHA
ADDRESS: 70 LENOX AVE
NEW YORK CITY NY
NEW YORK
CONTACT:
SOURCE: NYSDEC

REV: 2/3/11
ID1: 9102023
ID2: 319307
STATUS: ACTIVE
PHONE:

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

UST

SEARCH ID: 67 **DIST/DIR:** 0.08 NE **ELEVATION:** 32 **MAP ID:** 10

NAME: DUNLEVY MILBANK CHLDRNS CNTR
ADDRESS: 14-32 W 118TH ST
NEW YORK NY 10026
NEW YORK
CONTACT:
SOURCE: NY DEC

REV: 2/3/11
ID1: PBS2-341487
ID2:
STATUS: ACTIVE
PHONE:

PETROLEUM BULK STORAGE FACILITY INFORMATION

SITE STATUS: ACTIVE
EXPIRATION DATE: 2012/11/16

CONTACT INFORMATION

COMPANY NAME: THE CHILDRENS AID SOCIETY
CONTACT : GARY DAWYOT

,NN,

(212) 254-3074

COMPANY NAME: DUNLEVY MILBANK CHLDRNS CNTR
CONTACT : THE CHILDRENS AID SOCIETY

,NN,

(212) 369-1223

COMPANY NAME: THE CHILDRENS AID SOCIETY
CONTACT : GARY DAWYOT
DIRECTOR OF FACILITIEA
105 EAST 22ND STREET
NEW YORK,NY, 10010

(212) 949-4800

TANK INFORMATION

TANK NUMBER:	001	**TANK ID:**	31764
TANKS STATUS:	IN SERVICE	**INSTALL DATE:**	4/1/1958
CAPACITY(GAL):	10000	**DATE OF TEST:**	11/20/2007
NEXT TEST:	11/20/2012	**CLOSED DATE:**	
REGISTERED:	YES	**TANK TYPE:**	STEEL/CARBON STEEL
TANK LOCATION:	UNDERGROUND, VAULTED, WITH ACCESS		

HISTORIC TANK INFORMATION FROM 2007

TANK NUMBER:	001	**TANK STATUS:**	IN SERVICE
ACTIVE STATUS:	ACTIVE	**INSTALLED:**	4/1/1958
CLOSED:		**TANK CAPACITY:**	10000 GALLONS
PRODUCT:	2 FUEL OIL		

- Continued on next page -

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

UST

SEARCH ID: 67 **DIST/DIR:** 0.08 NE **ELEVATION:** 32 **MAP ID:** 10

NAME: DUNLEVY MILBANK CHLDRNS CNTR
ADDRESS: 14-32 W 118TH ST
NEW YORK NY 10026
NEW YORK
CONTACT:
SOURCE: NY DEC

REV: 2/3/11
ID1: PBS2-341487
ID2:
STATUS: ACTIVE
PHONE:

TANK TYPE: STEEL/CARBON STEEL/IRON
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: PAINTED/ASPHALT COATING
EXTERNAL PROTECTION 2:

PIPE TYPE: STEEL/CARBON STEEL/IRON
PIPE LOCATION: ABOVEGROUND/UNDERGROUND COMBINATION
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

SECONDARY CONTAINMENT: NONE
SECONDARY CONTAINMENT 2:
LEAK DETECTION: NONE
LEAK DETECTION 2:

OVERFILL PROTECTION: PRODUCT LEVEL GAUGE (A/G)
OVERFILL PROTECTION 2:
DISPENSER: SUCTION
SPILL PREVENTION:
DATE TESTED: 11/20/2007
NEXT TEST: 11/20/2012
TEST METHOD: HORNER EZY3/EZY3 LOCATOR PLUS

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

UST

SEARCH ID: 68 **DIST/DIR:** 0.08 NE **ELEVATION:** 31 **MAP ID:** 11

NAME: PUBLIC SCHOOL 149 - MANHATTAN
ADDRESS: 34 W 118TH ST
NEW YORK NY 10026
NEW YORK
CONTACT:
SOURCE: NY DEC

REV: 2/3/11
ID1: PBS2-353752
ID2:
STATUS: ACTIVE
PHONE:

PETROLEUM BULK STORAGE FACILITY INFORMATION

SITE STATUS: ACTIVE
EXPIRATION DATE: 2013/06/28

CONTACT INFORMATION

COMPANY NAME: NEW YORK CITY DEPARTMENT OF EDUCATION
CONTACT : JAMES A. MERLO

FIELD OPERATIONS-FUEL DIVISION 44-36 VERNON BOULEVARD
LONG ISLAND CITY,NY, 11101

COMPANY NAME: NEW YORK CITY DEPARTMENT OF EDUCATION
CONTACT : JAMES A. MERLO
MANAGER, FUEL DIVISION
44-36 VERNON BOULEVARD
LONG ISLAND CITY,NY, 11101

COMPANY NAME: NEW YORK CITY DEPARTMENT OF EDUCATION
CONTACT : SCHOOL SAFETY

,NN,

(718) 935-3300

COMPANY NAME: PUBLIC SCHOOL 149 - MANHATTAN
CONTACT : PLANT OPERATIONS

,NN,

(718) 349-5400

TANK INFORMATION

TANK NUMBER: 001 **TANK ID:** 34402
TANKS STATUS: IN SERVICE **INSTALL DATE:** 1/1/1968
CAPACITY(GAL): 10000 **DATE OF TEST:**
NEXT TEST: **CLOSED DATE:**
REGISTERED: YES **TANK TYPE:** STEEL/CARBON STEEL
TANK LOCATION: ABOVEGROUND: 10% OR MORE BELOW GROUND

TANK NUMBER: 002 **TANK ID:** 34403
TANKS STATUS: IN SERVICE **INSTALL DATE:** 1/1/1968
CAPACITY(GAL): 10000 **DATE OF TEST:**

- Continued on next page -

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

UST

SEARCH ID: 68 **DIST/DIR:** 0.08 NE **ELEVATION:** 31 **MAP ID:** 11

NAME: PUBLIC SCHOOL 149 - MANHATTAN
ADDRESS: 34 W 118TH ST
NEW YORK NY 10026
NEW YORK
CONTACT:
SOURCE: NY DEC

REV: 2/3/11
ID1: PBS2-353752
ID2:
STATUS: ACTIVE
PHONE:

NEXT TEST:
CLOSED DATE:
REGISTERED: YES
TANK TYPE: STEEL/CARBON STEEL
TANK LOCATION: ABOVEGROUND: 10% OR MORE BELOW GROUND

HISTORIC TANK INFORMATION FROM 2007

TANK NUMBER: 001
TANK STATUS: IN SERVICE
ACTIVE STATUS: ACTIVE
INSTALLED:
CLOSED:
TANK CAPACITY: 10000 GALLONS
PRODUCT: 6 FUEL OIL

TANK TYPE: STEEL/CARBON STEEL/IRON
TANK LOCATION: ABOVEGROUND ON CRIB, RACK, OR CRADLE
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

PIPE TYPE: STEEL/CARBON STEEL/IRON
PIPE LOCATION: NO PIPING
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

SECONDARY CONTAINMENT: VAULT (W/O ACCESS)
SECONDARY CONTAINMENT 2:
LEAK DETECTION: NONE
LEAK DETECTION 2:

OVERFILL PROTECTION: PRODUCT LEVEL GAUGE (A/G)
OVERFILL PROTECTION 2:
DISPENSER: SUCTION
SPILL PREVENTION:
DATE TESTED:
NEXT TEST:
TEST METHOD: TESTING NOT REQUIRED

TANK NUMBER: 002
TANK STATUS: IN SERVICE
ACTIVE STATUS: ACTIVE
INSTALLED:
CLOSED:
TANK CAPACITY: 10000 GALLONS
PRODUCT: 6 FUEL OIL

TANK TYPE: STEEL/CARBON STEEL/IRON
TANK LOCATION: ABOVEGROUND ON CRIB, RACK, OR CRADLE
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

PIPE TYPE: STEEL/CARBON STEEL/IRON
PIPE LOCATION: NO PIPING
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

SECONDARY CONTAINMENT: VAULT (W/O ACCESS)

- Continued on next page -

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

UST

SEARCH ID: 68 **DIST/DIR:** 0.08 NE **ELEVATION:** 31 **MAP ID:** 11

NAME: PUBLIC SCHOOL 149 - MANHATTAN
ADDRESS: 34 W 118TH ST
NEW YORK NY 10026
NEW YORK
CONTACT:
SOURCE: NY DEC

REV: 2/3/11
ID1: PBS2-353752
ID2:
STATUS: ACTIVE
PHONE:

SECONDARY CONTAINMENT 2:
LEAK DETECTION: NONE
LEAK DETECTION 2:

OVERFILL PROTECTION: PRODUCT LEVEL GAUGE (A/G)
OVERFILL PROTECTION 2:
DISPENSER: SUCTION
SPILL PREVENTION:
DATE TESTED:
NEXT TEST:
TEST METHOD: TESTING NOT REQUIRED

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

UST

SEARCH ID: 66 **DIST/DIR:** 0.09 NE **ELEVATION:** 32 **MAP ID:** 14

NAME: CANAAN HOUSES
ADDRESS: 8 W 118TH ST
NEW YORK NY 10026
NEW YORK
CONTACT:
SOURCE: NY DEC

REV: 2/3/11
ID1: PBS2-600905
ID2:
STATUS: ACTIVE
PHONE:

PETROLEUM BULK STORAGE FACILITY INFORMATION

SITE STATUS: ACTIVE
EXPIRATION DATE: 1997/10/07

CONTACT INFORMATION

COMPANY NAME: CANAAN HOUSES ASSOCIATES
CONTACT : LISA CHESTON-WALKER

C/O SHINDA MANAGEMENT CORP 217-02 JAMAICA AVENUE
QUEENS VILLAGE,NY, 11428

(718

COMPANY NAME: CANAAN HOUSES ASSOCIATES
CONTACT : LISA WALKER

,NN,

(718) 740-0416

COMPANY NAME: CANAAN HOUSES ASSOCIATES
CONTACT :

8 WEST 118TH STREET
NEW YORK,NY, 10026

(212) 369-6655

COMPANY NAME: CANAAN HOUSES
CONTACT : JEFFREY COPPIN

,NN,

(212) 722-8441

TANK INFORMATION

TANK NUMBER:	001	**TANK ID:**	44571
TANKS STATUS:	IN SERVICE	**INSTALL DATE:**	
CAPACITY(GAL):	5000	**DATE OF TEST:**	7/1/1991
NEXT TEST:	7/1/1996	**CLOSED DATE:**	
REGISTERED:	YES	**TANK TYPE:**	STEEL/CARBON STEEL
TANK LOCATION:	UNDERGROUND, VAULTED, WITH ACCESS		

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

UST

SEARCH ID: 66 **DIST/DIR:** 0.09 NE **ELEVATION:** 32 **MAP ID:** 14

NAME: CANAAN HOUSES
ADDRESS: 8 W 118TH ST
NEW YORK NY 10026
NEW YORK
CONTACT:
SOURCE: NY DEC

REV: 2/3/11
ID1: PBS2-600905
ID2:
STATUS: ACTIVE
PHONE:

HISTORIC TANK INFORMATION FROM 2007

TANK NUMBER: 001
TANK STATUS: IN SERVICE
ACTIVE STATUS: ACTIVE
INSTALLED:
CLOSED:
TANK CAPACITY: 5000 GALLONS
PRODUCT: 2 FUEL OIL

TANK TYPE: STEEL/CARBON STEEL/IRON
TANK LOCATION: UNDERGROUND
INTERNAL PROTECTION: NONE
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

PIPE TYPE: STEEL/CARBON STEEL/IRON
PIPE LOCATION: UNDERGROUND/ON-GROUND
EXTERNAL PROTECTION: NONE
EXTERNAL PROTECTION 2:

SECONDARY CONTAINMENT: NONE
SECONDARY CONTAINMENT 2:
LEAK DETECTION: OTHER
LEAK DETECTION 2:

OVERFILL PROTECTION: PRODUCT LEVEL GAUGE (A/G)
OVERFILL PROTECTION 2:
DISPENSER: SUCTION
SPILL PREVENTION:
DATE TESTED: 7/1/1991
NEXT TEST: 7/1/1996
TEST METHOD: HORNER EZ CHECK I OR II

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 1428 FIFTH AVE
NEW YORK NY 10035

JOB: LM09015.11

Street Name	Dist/Dir	Street Name	Dist/Dir
5th Ave	0.07 SE	W 112 St	0.20 SW
E 112 St	0.21 SW	W 112th St	0.20 SW
E 112th St	0.21 SW	W 113 St	0.19 SW
E 115 St	0.09 SE	W 113th St	0.19 SW
E 115th St	0.09 SE	W 114 St	0.16 SW
E 116 St	0.07 SE	W 114th St	0.16 SW
E 116th St	0.07 SE	W 115 St	0.05 SW
E 117 St	0.09 NE	W 115th St	0.05 SW
E 117th St	0.09 NE	W 116 St	0.00 --
E 118 St	0.13 NE	W 116th St	0.00 --
E 118th St	0.13 NE	W 117 St	0.06 NE
E 119 St	0.17 NE	W 117th St	0.06 NE
E 119th St	0.17 NE	W 118 St	0.10 NE
E 120 St	0.22 NE	W 118th St	0.10 NE
E 120th St	0.22 NE	W 119 St	0.15 NE
Lenox Ave	0.12 NW	W 119th St	0.15 NE
Luis Munoz Marin Blv	0.07 SE	W 120 St	0.20 NE
Madison Ave	0.17 SE	W 120th St	0.20 NE
Malcolm X Blvd	0.12 NW	W 121 St	0.25 NE
Mount Morris Park W	0.20 NE	W 121st St	0.25 NE
St Nicholas Ave	0.25 NW	West 120th St	0.20 NE
W 111 St	0.25 SW		
W 111th St	0.25 SW		

HISTORICAL FIRE INSURANCE MAPS

MAPS AVAILABLE

04-05-11
LM09015.11
1428 FIFTH AVE
NEW YORK NY 10035

A search of FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability confirmed that there is a high probability that MAPS ARE AVAILABLE for the Subject Location as shown above.

FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability represents abstracted information from the Sanborn® Map Company obtained through online access to the U.S. Library of Congress via local libraries.

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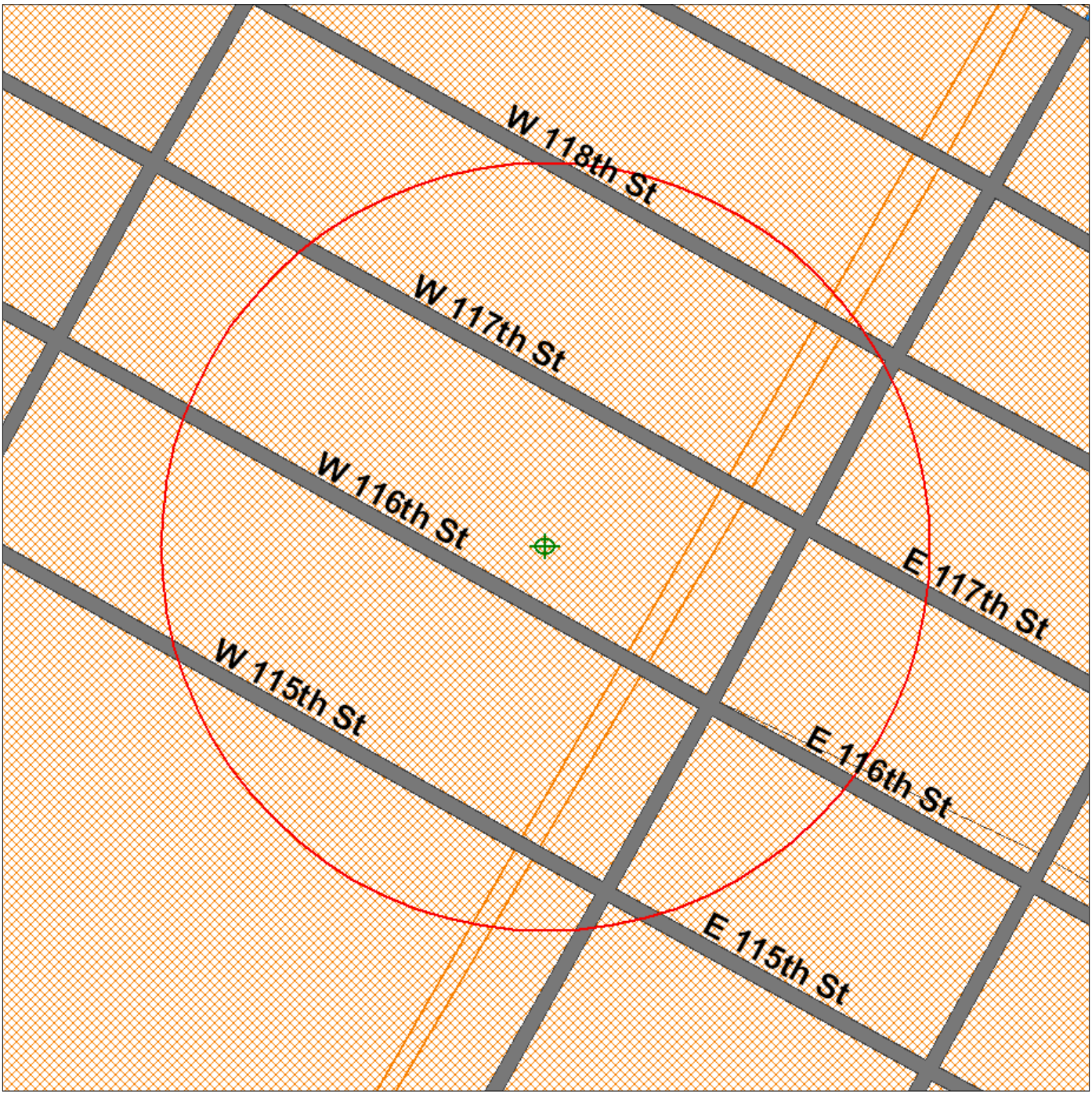
Environmental FirstSearch

.12 Mile Radius

Historical Fire Insurance Coverage Map

1428 FIFTH AVE, NEW YORK NY 10035



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.80127 Longitude: -73.947306) .....

Historical Fire Insurance Coverage Map .....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

1 Mile Radius

ASTM Map: NPL, RCRACOR, STATE Sites

1428 FIFTH AVE, NEW YORK NY 10035

Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.80127 Longitude: -73.947306) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.5 Mile Radius

ASTM Map: CERCLIS, RCRATSD, LUST, SWL

1428 FIFTH AVE, NEW YORK NY 10035

Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.80127 Longitude: -73.947306) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

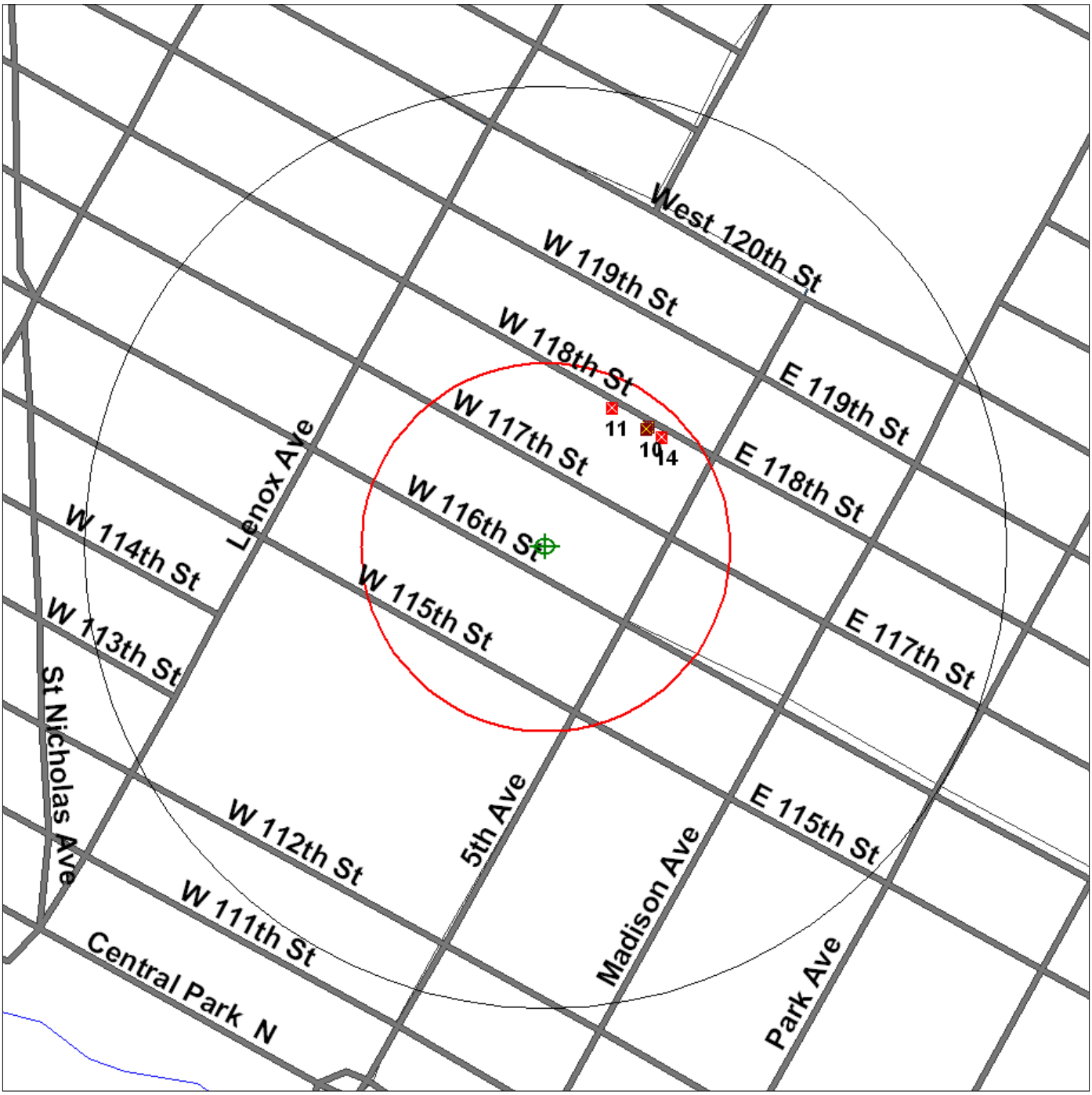
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.25 Mile Radius

ASTM Map: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS

1428 FIFTH AVE, NEW YORK NY 10035



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.80127 Longitude: -73.947306) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

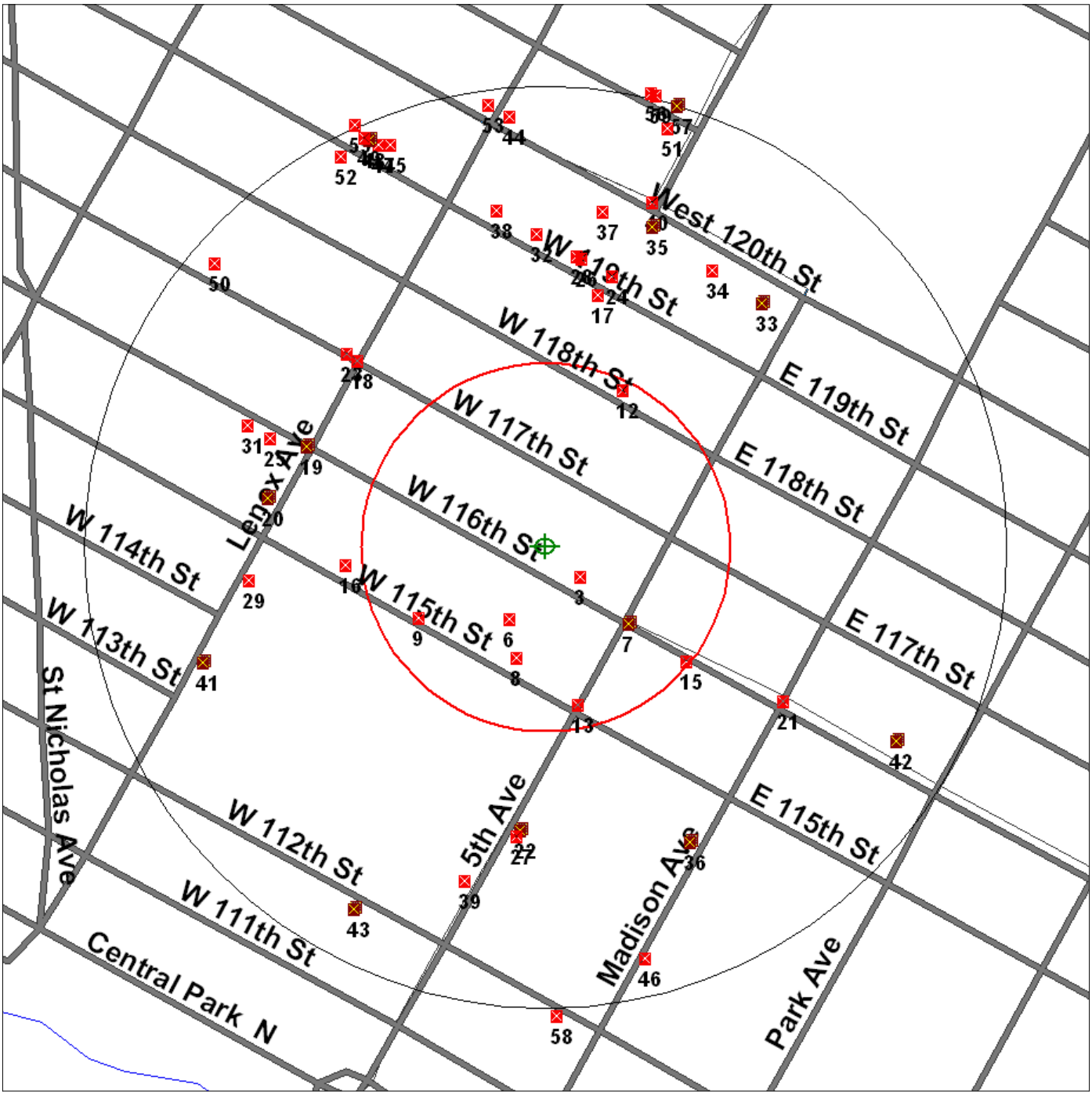
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.25 Mile Radius

Non-ASTM Map: Spills 90, Spills 80, Other

1428 FIFTH AVE, NEW YORK NY 10035



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.80127 Longitude: -73.947306) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

National Historic Sites and Landmark Sites .....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

APPENDIX G

Qualifications of Environmental Professional(s)

Ecosystems Strategies, Inc.

Paul H. Ciminello, CEM, CAQS

PRESIDENT

paul@ecosystemsstrategies.com

EDUCATION

Master of Environmental Management, 1986
School of the Environment, Duke University, Durham, North Carolina

Master of Arts in Public Policy Sciences, 1986
Institute of Policy Sciences and Public Affairs, Duke University, Durham, North Carolina

Bachelor of Arts, 1980
Tufts University, Medford, Massachusetts

CERTIFICATIONS AND TRAINING

Certified Environmental Manager, Environmental Assessment Association, 2006
Certified Air Quality Specialist, Environmental Assessment Association, 2007
NJ Dept. of Environmental Protection Licensed Subsurface Evaluator (License Number: 0014686)
NYS Dept. of Labor Certified Asbestos Building Inspector (Cert. Number: AH92-14884)
NYS Department of State, Division of Licensing Services, Real Estate Instructor
In compliance with OSHA Hazardous Materials Safety (29 CFR 1910) requirements

PROFESSIONAL EXPERIENCE

President, Ecosystems Strategies, Inc., Poughkeepsie, New York *1992 to present*

Coordinates corporate strategic planning, financial management and marketing activities. Oversees corporate work on state and federal superfund sites and manages education/training services. Responsible for technical services in areas of pollution prevention, contaminant delineation and site remediation. Twenty years experience in the investigation and remediation of petroleum contamination at commercial and residential properties. Major recent projects of relevance include:

- Irvington Waterfront Park (Irvington, NY): Project Manager for site investigation and remedial design of abandoned industrial riverfront properties. Documented soil and groundwater contamination and designed remediation including soil removal and site capping. Project completed in 2000; project awarded the 2000 Gold Medal Award by Consulting Engineers Council of New York State.

- Greyston Bakery Site (Yonkers, NY): Project Manager for site investigation and remedial design of former manufactured gas plant site for future use as a bakery. Documented soil, groundwater and soil gas contamination. Remedial systems included installations of a DNAPL collection system, a barrier layer, a subslab depressurization system under the building, and groundwater monitoring. Project completed in 2004.

- 400 Block Redevelopment (Poughkeepsie, NY): Project Manager for site investigation and remedial design of multi-use industrial development property (boiler repair, clothing manufacturer, auto repair) for future retail/residential use. Documented soil (petroleum, PCBs, metals) and groundwater (petroleum) contamination. Remedial systems include: soil (and tank) removal, installation of a barrier, and groundwater monitoring. Project completed in 2006.

- Parkview Commons Site (Bronx, NY): Project Manager for site investigation and remedial design of former gas station/auto repair facility for future use as a residential/commercial building. Remedial investigation and design is currently on-going. Project completed in 2006.

Senior Hazardous Waste Specialist, U.S. Hydrogeologic, Inc., Poughkeepsie, New York 1986 to 1992

Supervisor for corporate hazardous and solid waste investigatory and remedial services. Major projects included:

- Coordination of subsurface investigations at a New York State Superfund site (former industrial facility); project manager in charge of site reclassification (delisted as of January, 1991).
- Coordination of petroleum storage tank management plan for Dutchess County (NY) Department of Public Works, including an assessment of regulatory compliance, product utilization and physical conditions of more than 100 tanks at over 20 facilities.
- Environmental compliance Audit of 42,000-square foot printing facility with specific remediations for solvent handling/disposal, inks storage and metal recovery processes.

Adjunct Professor, (various institutions) *1991 to Present*

Dutchess Community College, Poughkeepsie, New York
Marist College, Poughkeepsie, New York
Vassar College, Poughkeepsie, New York

Courses: Macroeconomics, Environmental Economics (DCC)
Introduction to Environmental Issues (Marist)
Environmental Geology (Vassar)

Policy Intern, Southern Growth Policies Board, North Carolina *1985*

Prepared several in-depth and short analyses of environmental and economic issues, with specific concern for their impact on Southern state policies. Analyses included: hazardous waste facility setting policies and environmental impacts of "high tech" industries on host communities.

Research Assistant, University of Oregon, Eugene, Oregon *1983*

Analyzed (with Dr. John Baldwin, Chairman of the Department of Planning, Public Policy and Management, U. of Oregon) the "Oregon Riparian Tax Incentive Program". Designed survey, conducted interviews and analyzed data. Summary paper with programmatic recommendations, was presented at the Annual Conference of the National Association of Environmental Educators.

PRESENTATIONS

- "Environmental Risks in Lending" Training Session for Pawling Savings Bank employees, December 18 and 19, 1989; and July 1, 1993.
- "Identifying Environmental Concerns in Appraisals", Workshops for Lakewood Appraisal Corporation, October, and November, 1989 and April, 1990.
- "State and Local Groundwater Protection Strategies", Annual meeting of the New York State Association of Towns, February, 1990.
- "Environmental Audits on Orchards and Agricultural Properties", Resource Education Institute, Inc., Real Estate Site Assessment and Environmental Audits Conference, December 4, 1990.
- "Environmental Audits on Orchards and Agricultural Properties", National Water Well Association Annual Conference, July 29-31, 1991.
- "Principles of Environmental Economics for Ground Water Professionals", National Groundwater Association Outdoor Action Conference, May 27, 1993.
- “Impact of Environmental Liabilities on Real Estate Transactions”, a NYS Department of Education approved course for licensed real estate professionals, March 1995; April 1995; May 1995; October 1995.
- “Brownfields Redevelopment in New York: A Discussion of Two Case Studies”, New England Environmental Conference 1996, March, 1996.
- “Quantifying Environmental Liabilities”, a NYS Department of Education approved course for licensed real estate professionals, March 1997.
- “Environmental Assessments in Urban Settings”, Vassar College, Fall 1999 and Fall 2000.
- “Navigating Property Contaminant Problems”, Land Trust Alliance Rally 2001, Oct 2001

ARTICLES

Ciminello, P. 1993. A Primer on Petroleum Bulk Storage Tanks and Petroleum Contamination of Property, ASHI Technical Journal, Volume 3, No. 1

Ciminello, P. 1991. Environmental Audits on Orchard and Other Agricultural Properties, Proceedings of the National Water Well Association Annual Conference

Ciminello, P. 1991. Property Managers Should Carefully Examine Current Fuel Storage Practices, NYS Real Estate Journal, Vol. 3, No. 9

Ciminello, P. 1991. New DEC Regulations Affect Development of Agricultural Lands, NYS Real Estate Journal, Vol. 3, No. 6

Ciminello, P., Hodges-Copple, J. 1986. Managing Toxic Risks From High Tech Manufacturing, Growth and Environmental Management Series (Southern Growth Policies Board)

Ciminello, P. 1986. State Assistance in Financing Water Treatment Facilities, Growth and Environmental Management Series (Southern Growth Policies Board)

Ciminello, P. 1985. Plants Amid Plantings: The Future Role of Environmental Factors in Business Climate Ratings, Southern Growth ALERT (Southern Growth Policies Board)

Ciminello, P., J. Baldwin, N. Duhnkrack,1984, An Incentive Approach to Riparian Lands Conservation, Monographs in Environmental Education and Environmental Studies (North American Association of Environmental Educators)

PROFESSIONAL AFFILIATIONS

American Water Resources Association
National Groundwater Association
Hazardous Materials Control Research Institute
Environmental Assessment Association

ADDITIONAL INFORMATION

Member, Dutchess County (NY) Youth Board (1987-1992); Chairman, 1992
Member, City of Poughkeepsie (NY) School District Ad Hoc Committee on Teen Parents and Pregnancy Prevention (1991)
Member, City of Poughkeepsie School District Budget Advisory Committee (1994 to 2000)
Member, City of Poughkeepsie PTA and Middle School Building Level Team

Ecosystems Strategies, Inc.

Kimberly Punchar
Senior Project Manager and Senior Quality Control Manager
Kimberly@ecosystemsstrategies.com

EDUCATION

Marist College, Poughkeepsie, New York
Bachelor of Science in Environmental Science

CERTIFICATIONS AND TRAINING

- Permit Required Confined Space Training Competencies; Attendant, Entrant, Entry Supervisor [Title 29 CFR Part 1910.146(g)(1)
- Completed EA Engineering, Science and Technology Project Managers Training
- Excellent interpersonal, customer, research & analysis and decision-making skills
- Completed Hydric Soils and Methodology for Delineating Wetlands continuing education courses and received Rutger's University Wetland Delineator Program Certification.
- Licensed New York State Wildlife Rehabilitator

PROFESSIONAL EXPERIENCE

Senior Project Manager and Senior Quality Control Manager,
Ecosystems Strategies, Inc., (ESI) Poughkeepsie, New York *Present*

Management and quality review of environmental site assessments and Phase II technical environmental investigations, and remedial projects including Brownfield sites. Conducts research to obtain field and regulatory information about the environmental status of a designated area. Reviews all documents prepared by ESI to ensure consistency and technical accuracy. Responsibilities associated with the preparation of site assessments include: investigating site histories, conducting facility inspections, reviewing regulatory agency records, documenting facility compliance with relevant State and Federal regulations, and preparing reports. Management of complex technical environmental investigations (including sites currently on the NYSDEC Registry of Inactive Hazardous Waste Sites), involved with: coordinating subcontractors; overseeing fieldwork; designing and implementing material, soil, and water sampling plans, preparing technical reports, and interfacing with regulatory agency personnel.

Director of Office & Environmental Services, Associate Environmental Scientist/Project Manager,
Spectra Environmental Group, Inc., Spectra Engineering, Architecture & Surveying, PC.
Poughkeepsie, New York *2003 – 2011*

- **Management** - Supervised a team of up to 15 Environmental, Engineering and Surveying professionals who managed projects with values that exceeded $1,000,000 or more (e.g. large subdivisions, industrial engineering – asphalt plant relocation design).
- **Petroleum/Chemical** - Extensive experience with Petroleum Bulk Storage Regulations (PBS – Title 6 NYCRR Parts 612-614), Spill Prevention Control and Countermeasure plan development (SPCC – Title 40 CFR Part 112), Chemical Bulk Storage Regulations (CBS – Title 6 NYCRR Parts 595-599), Spill Prevention Report (SPR) development and Emergency Response Plan development. Completed PBS and CBS storage tank inspections and conducted secondary containment (soil) permeability testing at an MOSF facility.

- **Stormwater/SPDES** - Developed and managed the preparation of Stormwater Pollution Prevention Plans (SWPPP) in accordance with Section 402 of the Clean Water Act for stormwater discharges from numerous industrial facilities. Prepared Annual Certification Reports and Discharge Monitoring Reports.
- **Phase I** - Prepared and managed numerous Phase I Environmental Site Assessments (ESAs) for various residential, commercial and industrial sites to assess the presence or absence of recognizable environmental conditions. Prepared reports that summarized the findings and which provided recommendations with related cost estimates for additional sampling/investigative work, as appropriate.
- **Phase II** - Managed numerous Phase II Environmental Site Investigations as a result of Phase I ESA findings, petroleum and chemical spills and leaking underground storage tanks. Performed soil and ground-water monitoring and landfill investigation oversight. Prepared reports based on field monitoring/sampling data; which provided recommendations for cleanup/remediation with related cost estimates, as appropriate.
- **Phase III** - Managed numerous Phase III Remediation projects involving the cleanup of petroleum contaminated soil and groundwater, including the cleanup of a mercury spill. Prepared reports that summarized cleanup/remedial activities and which provided recommendations for spill closure or additional long-term monitoring (with related cost estimates, as appropriate).
- **LTM/Spill Closure** - Developed Long-Term Monitoring Plans and Spill Closure Reports that describe a site's history, outline regulatory requirements, and define the monitoring/reporting program and/or spill cleanup activities completed for various commercial/industrial facilities**.**
- **Solid Waste** - Developed solid waste management facility operation and maintenance manuals which include a general operating plan, a staffing plan, a personnel training plan, a waste control plan, a contingency plan and a closure plan in accordance with Title 6 NYCRR Part 360.
- **Training/Presentations** - Developed training programs for SPCC/ SWPPP and conducted annual training classes for various industrial facilities.
- **SEQRA** - Prepared Environmental Assessment Forms (EAFs), developed Scoping Documents and Environmental Impact Statements (EIS) in accordance with the State Environmental Quality Review Act (SEQR).
- **Health & Safety** - Prepared work plans; sampling plans; quality assurance project plans; and safety and health, and emergency response plans for working at hazardous sites.
- **Mentoring** - Mentored junior staff with regard to conducting Phase I ESAs, Phase II investigation work, Phase III remediation/cleanup and environmental compliance auditing for PBS, CBS and Stormwater Pollution Prevention.

Environmental Scientist/Project Manager
Ea Engineering, Science And Technology, *1999 – 2003*
Newburgh, New York

- **Management** - Independently managed projects, provided support to secure multiple long-term contracts, and developed significant company proposals under an existing term contract. Developed Project Number Request Budgets, reviewed project pre-bill charges and prepared invoice spreadsheets for multiple projects awarded under a long-term environmental service term contract with a New York State Agency. Successfully managed company resources with respect to staff allocation, maximizing equipment usage recovery, demonstrating cost savings/innovations, meeting project milestones with respect to scheduling field events, personnel and deliverables, and performing subcontractor procurement.
- **Mentoring** - Served as a supervisor for multiple people and mentored junior staff.
- **Petroleum/Chemical** - Extensive experience with PBS (Title 6 NYCRR Parts 612-614) and Chemical Bulk Storage (CBS – Title 6 NYCRR Part 595-599) management, SPR development (Title 6 NYCRR Part 598), and SPCC (Title 40 CFR Part 112) plan development and training.

- **Solid Waste** - Performed oversight for various landfill investigations and ground-water contamination investigations in accordance with 6 NYCRR Part 360.
- **Health & Safety** - Developed work plans and safety and health plans for various environmental investigations as required.
- **Phase I & II** - Conducted a Phase I ESA and a Phase II Environmental Site Investigation for a 62+ acre parcel in order to identify areas of environmental concern and to determine if further removal or cleanup actions were necessary. Developed and implemented a long-term monitoring / spill closure plan for a local state facility. Provided oversight for the operation and maintenance of a soil vapor extraction system.
- **Pollution Prevention** - Updated a Pollution Prevention Plan for a Naval Base.
- **Stormwater** - Developed SWPP plans in accordance with Section 402 of the Clean Water Act for stormwater discharges from construction activities that disturb one or more acres of land (Phase II).
- **ISO** - Assisted with Environmental Management System, ISO 14001, 9001/2, and OHSAS 18001 research for a renowned pharmaceutical company.

Environmental Scientist
Lawler, Matusky And Skelly Engineers,
Wappingers Falls, New York *1994 – 1999*

- **Engineering Support** - Provided engineering support to comply with State, Federal, and Corporate regulations/requirements for industrial facilities.
- **Petroleum/Chemical** - Experienced with New York State PBS regulations Title 6 NYCRR Part 612 – 614. Experienced with New York State CBS regulations Title 6 NYCRR Part 595 – 599 and in the development of SPRs. Experienced in the interpretation and development of Federal SPCC Plans and Facility Response Plans (FRPs) in accordance with Title 40 CFR Part 112.
- **RCRA** - Assisted with Resource Conservation Recovery Act (RCRA) third party auditing.
- **SPDES** - Experienced with State Pollutant Discharge Elimination System (SPDES) sampling, preparation of discharge monitoring reports and flow meter calibration verification.

APPENDIX H

Scope of Services

Ecosystems Strategies, Inc.

Phase I Environmental Site Assessment
Scope of Services

Task 1.0: Description of Subject Property and Surrounding Area Physical Settings

1.1 Description of property location, topography, geology, hydrogeology, surface hydrology and wetlands
1.2 Identification of adjoining and surrounding area properties

Task 2.0: Historic Investigation (Review of Applicable, Reasonably Ascertainable Sources)

2.1 Review of historic maps and plans (to the earliest date of available maps)
2.2 Review of aerial photographs
2.3 Review of local records (e.g., building department), including cursory ownership information
2.4 Interviews with User, Key Site Manager, and other knowledgeable individuals
2.5 Review of User or property owner provided documents and/or analytical results

Task 3.0: Federal and State Regulatory Agency Records Review

3.1 Review of ASTM-required federal, state, and/or tribal databases at required search distances and analysis of the relationship of each Site (e.g., upgradient, downgradient) to the Subject Property;
- Federal NPL (1.0 mile) and delisted NPL sites (0.5 mile)
- Federal CERCLIS list and CERCLIS NFRAP site list (0.5 mile)
- Federal RCRA CORRACTS facilities list (1.0 mile)
- Federal RCRA non-CORRACTS TSD facilities list (0.5 mile)
- Federal RCRA generators list (subject/adjoining properties)
- Federal ERNS list (subject property)
- Federal, state, and tribal institutional control/engineering control registries (subject property)
- State- and tribal-equivalent NPL (1.0 mile)
- State- and tribal-equivalent CERCLIS (0.5 mile)
- State and tribal Brownfield and voluntary cleanup sites (0.5 mile)
- State and tribal leaking storage tank lists (0.5 mile)
- State (including locally administered) and tribal registered storage tank lists (subject/adjoining)
- State and tribal landfill and/or solid waste disposal site lists (0.5 mile)

3.2 Review of additional federal and state environmental databases:
- State spill file records (0.5 mile)
- State MOSF list (0.5 mile)
- State radon data (by local municipality as available)
- Federal and state wastewater discharge permits (subject/adjoining properties)

3.3 Interviews (as applicable) with government representative regarding regulatory compliance

Task 4.0: Physical Inspection

4.1 Inspection of property and structures for potential contamination and contaminant sources, including:
- Hazardous/medical/radioactive waste storage and disposal areas
- Petroleum and/or chemical storage (including tanks and associated piping)
- Overt indications of asbestos-containing materials and lead-based paint
- Wastewater and stormwater discharge systems
- Equipment potentially containing polychlorinated biphenyls (PCBs)

4.2 Inspection of property for the following:
- Presence of contamination (e.g., debris, soil staining)
- Evidence of prior structures and uses
- Unusual or man-made topographical formations (e.g., berms, sinkholes)
- On-site surface water quality
- Evidence and location of wells
- Vegetative stress

4.3 Identification of overt on-site sensitive environmental receptors (e.g., wetlands)
4.4 Limited inspection of adjoining and nearby properties for:
- Potential off-site sources of contamination
- Sensitive environmental receptors

4.5 If appropriate, interviews with owners/tenants/operators and other available knowledgeable individuals present during physical inspection

Task 5.0: Preparation of Written Summary Report

5.1 Summary of findings of Tasks 1.0 through 4.0
5.2 Identification of any Recognized Environmental Conditions and/or other potential concerns
5.3 Conclusions and Recommendations, including any specific additional investigatory or remedial work
5.4 Production and transmission of up to two (2) copies of the final Phase I ESA to Client.

APPENDIX B

Soil Boring Geologic Logs

LM09015.2

SOILTESTING, INC.

TO: Ecosystems Strategies Inc.
ADDRESS: 24 Davis Avenue, Poughkeepsie, NY 12603-2332
SITE LOCATION: 1428 Fifth Avenue, Manhattan, NY
REPORT SENT TO: Colleen Rider
SAMPLES SENT TO: Storage (Max. 60 days)

DATE: August 11, 2011

90 DONOVAN ROAD
Oxford, Connecticut 06478
(203) 262-9328

Branch Office:
White Plains, New York 10607
914-946-4850

JOB NO.
E37-8909-11

Phone
(203) 262-9328

Telefax
(203) 264-3414

WHITE PLAINS, N.Y.
(914) 946-4850

SOILTESTING, INC.

90 DONOVAN ROAD - OXFORD, CONN. 06478-1028

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

August 8, 2011

Ecosystems Strategies Inc.
24 Davis Avenue
Poughkeepsie, NY 12603-2332
845-452-1658

Attn: Colleen Rider

Re: 1428 Fifth Avenue
Manhattan, NY

E37-8909-11

Dear Ms. Rider,

Enclosed are boring logs and location plan for the above referenced project site.

If you have any questions please do not hesitate to contact us.

Very truly yours,
SOILTESTING, INC.

James A. DeAngelis

James A. DeAngelis
President

JAD:lg

SOILTESTING, INC. 53rd ANNIVERSARY OXFORD, CT 1958 2011

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. SG-1
	PROJECT NO. E37-8909-11	
	PROJECT NAME 1428 Fifth Avenue	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/rw	LOCATION 1428 Fifth Avenue Manhattan, NY	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT none FT AFTER 0 HOURS AT FT AFTER HOURS		DATE START 7/18/11 DATE FINISH 7/18/11 SURFACE ELEV. GROUND WATER ELEV.

	CASING	SAMPLER	CORE BAR
TYPE	HSA	SS	
SIZE I.D.	4 ¼"	1 3/8"	
HAMMER WT.		140#	BIT
HAMMER FALL		30"	

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	17"	2'0"	4	17			dry		brn FM SAND,sm F gravel,lit silt,tr brick
							32	30			dense		
		2	ss	24"	10"	4'0"	18	30			moist		brn FM SAND,sm silt,lit F-C gravel
							19	14			dense		
5		3	ss	24"	3"	6'0"	13	10			dry		SAME
							9	10			loose	6'0"	
10													E.O.B. 6'0"
15													
20													
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. SG-1**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. SG-2
	PROJECT NO. E37-8909-11	
	PROJECT NAME 1428 Fifth Avenue	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/rw	LOCATION 1428 Fifth Avenue Manhattan, NY	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT none FT AFTER 0 HOURS AT__FT AFTER__HOURS		DATE START 7/18/11 DATE FINISH 7/18/11 SURFACE ELEV. GROUND WATER ELEV.

	CASING	SAMPLER	CORE BAR
TYPE	HSA	SS	
SIZE I.D.	4 ¼"	1 3/8"	
HAMMER WT.		140#	BIT
HAMMER FALL		30"	

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	15"	2'0"	4	3			dry		2" ASPHALT; brn FM SAND,sm F-gravel,brick,lit silt (fill)
							10	18			compact		
		2	ss	24"	14"	4'0"	26	28			dry		brn FM SAND,sm brick,concrete,lit silt,F gravel (fill)
							16	8			compact		
5		3	ss	24"	7"	6'0"	4	7			dry		brn FM SAND & BRICK,lit silt,wood,concrete (fill)
							6	4			loose	6'0"	
10													E.O.B. 6'0"
15													
20													
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. SG-2**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. SG-3
	PROJECT NO. E37-8909-11	
	PROJECT NAME 1428 Fifth Avenue	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/rw	LOCATION 1428 Fifth Avenue Manhattan, NY	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT none FT AFTER 0 HOURS AT __FT AFTER __HOURS		DATE START 7/18/11 DATE FINISH 7/18/11 SURFACE ELEV. GROUND WATER ELEV.

	CASING	SAMPLER	CORE BAR
TYPE	HSA	SS	
SIZE I.D.	4 ¼"	1 3/8"	
HAMMER WT.		140#	BIT
HAMMER FALL		30"	

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	12"	2'0"	10	13			dry		2" ASPHALT; brn FM SAND,sm F gravel,C sand,
							14	15			compact		lit brick,silt (fill)
		2	ss	24"	8"	4'0"	10	7			dry		brn FM SAND,sm silt,F gravel,lit brick,concrete,C sand (fill)
							11	14			loose		
5		3	ss	24"	4"	6'0"	28	39			dry		brn FM SAND,sm F-C gravel,lit silt,tr brick,cobbles
							18	14			dense	6'0"	
10													E.O.B. 6'0"
15													
20													
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. SG-3**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. B-4
	PROJECT NO. E37-8909-11	
	PROJECT NAME 1428 Fifth Avenue	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/rw	LOCATION 1428 Fifth Avenue Manhattan, NY	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT 16 FT AFTER 0 HOURS AT FT AFTER HOURS		DATE START 7/18/11 DATE FINISH 7/18/11 SURFACE ELEV. GROUND WATER ELEV.

	CASING	SAMPLER	CORE BAR
TYPE	HSA	SS	
SIZE I.D.	4 ¼"	1 3/8"	
HAMMER WT.		140#	BIT
HAMMER FALL		30"	

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	12"	2'0"	10	22			dry		2" ASPHALT; brn FM SAND,sm F gravel,lit brick,silt (fill)
							39	45			dense		
5		2	ss	24"	13"	6'0"	6	5			dry		brn FM SAND,sm silt,lit C sand,F gravel,tr brick
							6	4			loose		
		3	ss	24"	13"	10'0"	17	18			dry		brn FM SAND,sm silt,F gravel,lit C sand,tr ash,concrete,brick (fill)
10							7	6			compact		
		4	ss	24"	8"	12'0"	5	4			l moist		brn SILT & FM SAND,lit F gravel,tr ash
							4	6			v loose		
		5	ss	24"	12"	14'0"	6	3			moist		brn SILT & FM SAND,lit F gravel,tr ash (fill)
							6	6			loose		
15		6	ss	24"	8"	16'0"	5	5			moist/wet		brn F-C SAND & SILT,lit F gravel,tr brick,concrete (fill)
							10	12			loose	16'0"	
20													E.O.B. 16'0"
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____ FT. USED _____ CASING THEN _____ CASING TO _____ FT. **HOLE NO. B-4**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. B-5, B-5A
	PROJECT NO. E37-8909-11	
	PROJECT NAME 1428 Fifth Avenue	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/rw	LOCATION 1428 Fifth Avenue Manhattan, NY	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT 14 FT AFTER 0 HOURS AT __FT AFTER __HOURS		DATE START 7/18/11 DATE FINISH 7/18/11 SURFACE ELEV. GROUND WATER ELEV.

	CASING	SAMPLER	CORE BAR
TYPE	HSA	SS	
SIZE I.D.	4 ¼"	1 3/8"	
HAMMER WT.		140#	BIT
HAMMER FALL		30"	

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	10"	2'0"	16	12			dry		2" ASPHALT; brn FM SAND,sm F gravel,C sand,lit silt,tr brick
							14	51			compact		
												3'0"	Auger refusal
5													E.O.B. 3'0" offset 5'
	GROUND WATER OBSERVATIONS AT 14 FT AFTER 0 HOURS AT __FT AFTER __HOURS												B-5A
5		1	ss	24"	4"	6'0"	7	5			dry		brn FM SAND,sm silt,F gravel,tr brick
							3	2			loose		
		2	ss	24"	10"	10'0"	12	4			dry		brn F-C SAND,lit F gravel,silt,tr brick,ash (fill)
10							3	6			v loose		
		3	ss	24"	14"	12'0"	14	7			l moist		brn FM SAND & SILT,lit F gravel,C sand
							11	6			loose		
		4	ss	24"	12"	14'0"	5	3			moist/wet		brn SILT & F SAND,lit F gravel
							2	1			soft		
15		5	ss	16"	4"	15'4"	5	10			wet		brn FM SAND,sm silt,F-C gravel,tr brick,concrete (fill)
							50/4"				dense	15'4"	
20													E.O.B. 15'4"
25													
30													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. B-5, B-5A**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. B-6
	PROJECT NO. E37-8909-11	
	PROJECT NAME 1428 Fifth Avenue	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/rw	LOCATION 1428 Fifth Avenue Manhattan, NY	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT 14 FT AFTER 0 HOURS AT __FT AFTER __HOURS		DATE START 7/18/11 DATE FINISH 7/18/11 SURFACE ELEV. GROUND WATER ELEV.

	CASING	SAMPLER	CORE BAR
TYPE	HSA	SS	
SIZE I.D.	4 ¼"	1 3/8"	
HAMMER WT.		140#	BIT
HAMMER FALL		30"	

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	10"	2'0"	7	9			dry		brn FM SAND,sm silt,lit F gravel,brick
							10	14			loose		
5		2	ss	24"	19"	6'0"	19	18			dry		brn FM SAND,sm silt,F gravel,lit brick,C sand,ash (fill)
							24	52			compact		
		3	ss	24"	13"	10'0"	4	6			dry		brn FM SAND,sm silt,lit F gravel,tr brick
10							7	14			loose		
		4	ss	24"	17"	12'0"	10	8			moist/wet		
							12	15			compact	12'0"	gry blk SILT,sm clay,F sand,tr organics,brick (fill)
		5	ss	24"	10"	14'0"	11	7			moist		gry SILT,sm FM sand,clay,tr C sand
							7	6			stiff		
15		6	ss	24"		15'	6	3			wet		gry brn SILT & FM SAND,tr organics
							1	1			v soft	16'0"	
20													E.O.B. 16'0"
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. B-6**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. B-7
	PROJECT NO. E37-8909-11	
	PROJECT NAME 1428 Fifth Avenue	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/rw	LOCATION 1428 Fifth Avenue Manhattan, NY	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT none FT AFTER 0 HOURS AT__FT AFTER__HOURS		DATE START 7/18/11 DATE FINISH 7/18/11 SURFACE ELEV. GROUND WATER ELEV.

	CASING	SAMPLER	CORE BAR
TYPE	HSA	SS	
SIZE I.D.	4 ¼"	1 3/8"	
HAMMER WT.		140#	BIT
HAMMER FALL		30"	

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	17"	2'0"	7	14			dry		brn FM SAND,sm F gravel,C sand,silt,lit brick,concrete (fill)
							32	29			compact		
													BRICK, CONCRETE, COBBLES
5		2	ss	24"	16"	6'0"	12	9			dry		brn F-C SAND,sm F gravel,lit brick,silt,coal,ash,concrete (fill)
							9	9			loose		
		3	ss	16"	3"	9'4"	6	8			dry		
							50/4"				dense		Fill - Ash -
10		4	ss	0"	0"	10'0"	50/0"				dense	10'6"	BOULDER at 10' Auger refusal
15													E.O.B. 10'6"
20													
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. B-7**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. B-8
	PROJECT NO. E37-8909-11	
	PROJECT NAME 1428 Fifth Avenue	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/rw	LOCATION 1428 Fifth Avenue Manhattan, NY	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT 16 FT AFTER 0 HOURS AT __FT AFTER __HOURS		DATE START 7/19/11 DATE FINISH 7/19/11 SURFACE ELEV. GROUND WATER ELEV.

	CASING	SAMPLER	CORE BAR
TYPE	HSA	SS	
SIZE I.D.	4 ¼"	1 3/8"	
HAMMER WT.		140#	BIT
HAMMER FALL		30"	

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	7"	2'0"	3	4			dry		lt brn VF FM SAND,sm silt,lit F gravel,brick,concrete (fill)
							10	10			loose		
5													
												8'0"	
		2	ss	24"	15"	10'0"	5	6			l moist		brn orng SILT & VF FM SAND
10							6	9			loose		
													dry gry blk SILT,F-C SAND,tr organics,brick,ash,concrete (fill)
15		3	ss	24"	10"	16'0"	5	11			wet		
							11	14			compact	16'0"	
20													E.O.B. 16'0" Required sililca sand backfill due to lack of drill cuttings
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. B-8**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. ~~MW-1~~ B-9
	PROJECT NO. E37-8909-11	
	PROJECT NAME 1428 Fifth Avenue	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/rw	LOCATION 1428 Fifth Avenue Manhattan, NY	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT 12'6" FT AFTER 0 HOURS AT __FT AFTER __HOURS		DATE START 7/19/11 DATE FINISH 7/19/11 SURFACE ELEV. GROUND WATER ELEV.

	CASING	SAMPLER	CORE BAR
TYPE	HSA	SS	
SIZE I.D.	4 ¼"	1 3/8"	
HAMMER WT.		140#	BIT
HAMMER FALL		30"	

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	17"	2'0"	10	12			dry		2" ASPHALT; brn FM SAND,sm F gravel,C sand,
							23	14			compact		lit brick,asphalt,concrete,ash,silt (fill)
		2	ss	24"	2"	4'0"	10	12			dry		SAME no cuttings
							12	14			compact		
5		3	ss	24"	5"	6'0"	8	5			dry		fill brick,concrete,ash
							4	4			loose		
		4	ss	24	14"	8'0"	34	40			dry		brn gry FM SAND & ASH,lit concrete,brick,silt
							24	8			loose		
		5	ss	24"	9"	10'0"	7	8			dry	9'6"	
10							23	10			compact		lt brn VFF SAND,lit M sand
		6	ss	24"	10"	12'0"	40	10			moist/wet	10'6"	lt brn FM SAND,sm concrete,F gravel, no cuttings
							14	61			compact	12'6"	brn VFFM SAND,sm C sand,silt,tr F gravel,cobble
		7	ss	24"	8"	14'0"	34	16			wet		brn orng VFFM SAND,sm silt,lit F gravel
							27	25			compact		
15		8	ss	3"	3"	15'3"	100/5"				v dense	15'6"	drk gry blk VFFM SAND & SILT,tr rock in tip,poss boulder
													BOULDERS / fractured BEDROCK
												16'6"	Auger refusal
20													E.O.B. 16'6"
25													Required silica sand backfill due to lack of drill cuttings
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-1**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

SOILTESTING, INC. 90 DONOVAN RD. OXFORD, CT 06478 CT (203) 262-9328 NY (914) 946-4850	CLIENT: Ecosystems Strategies	SHEET 1 OF 1 HOLE NO. MW-1A
	PROJECT NO. E37-8909-11	
	PROJECT NAME 1428 Fifth Avenue	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/rw	LOCATION 1428 Fifth Avenue Manhattan, NY	
INSPECTOR		OFFSET
GROUND WATER OBSERVATIONS AT 14 FT AFTER 0 HOURS AT __FT AFTER __HOURS		DATE START 7/19/11 DATE FINISH 7/19/11 SURFACE ELEV. GROUND WATER ELEV.

	CASING	SAMPLER	CORE BAR
TYPE	HSA	SS	
SIZE I.D.	4 ¼"	1 3/8"	
HAMMER WT.		140#	BIT
HAMMER FALL		30"	

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12- 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
													No cuttings - all fill -
5													(little cuttings) brick / ash (fill)
10													brn FM SAND & SILT,lit F gravel
15												15'0"	
		1	ss	24"	12"	17'0"	24 22	11 26			wet compact		gry orng highly/partially weathered BEDROCK
20												22'0"	
25													E.O.B. 22'0"
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. **HOLE NO. MW-1A**

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

Phone
(203) 262-9328

Telefax
(203) 264-3414

WHITE PLAINS, N.Y.
(914) 946-4850

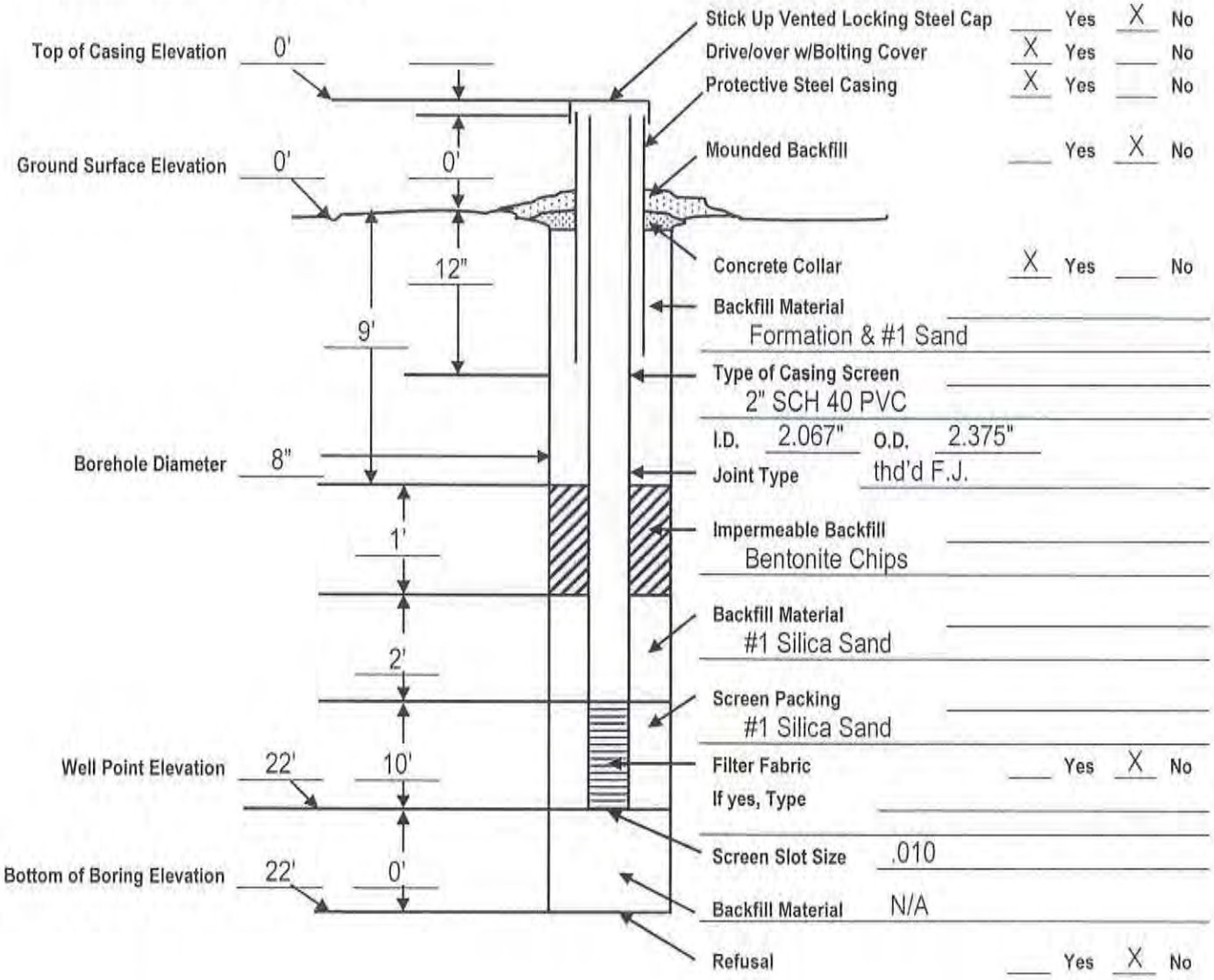
SOILTESTING, INC.

90 DONOVAN ROAD - OXFORD, CONN. 06478-1028

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

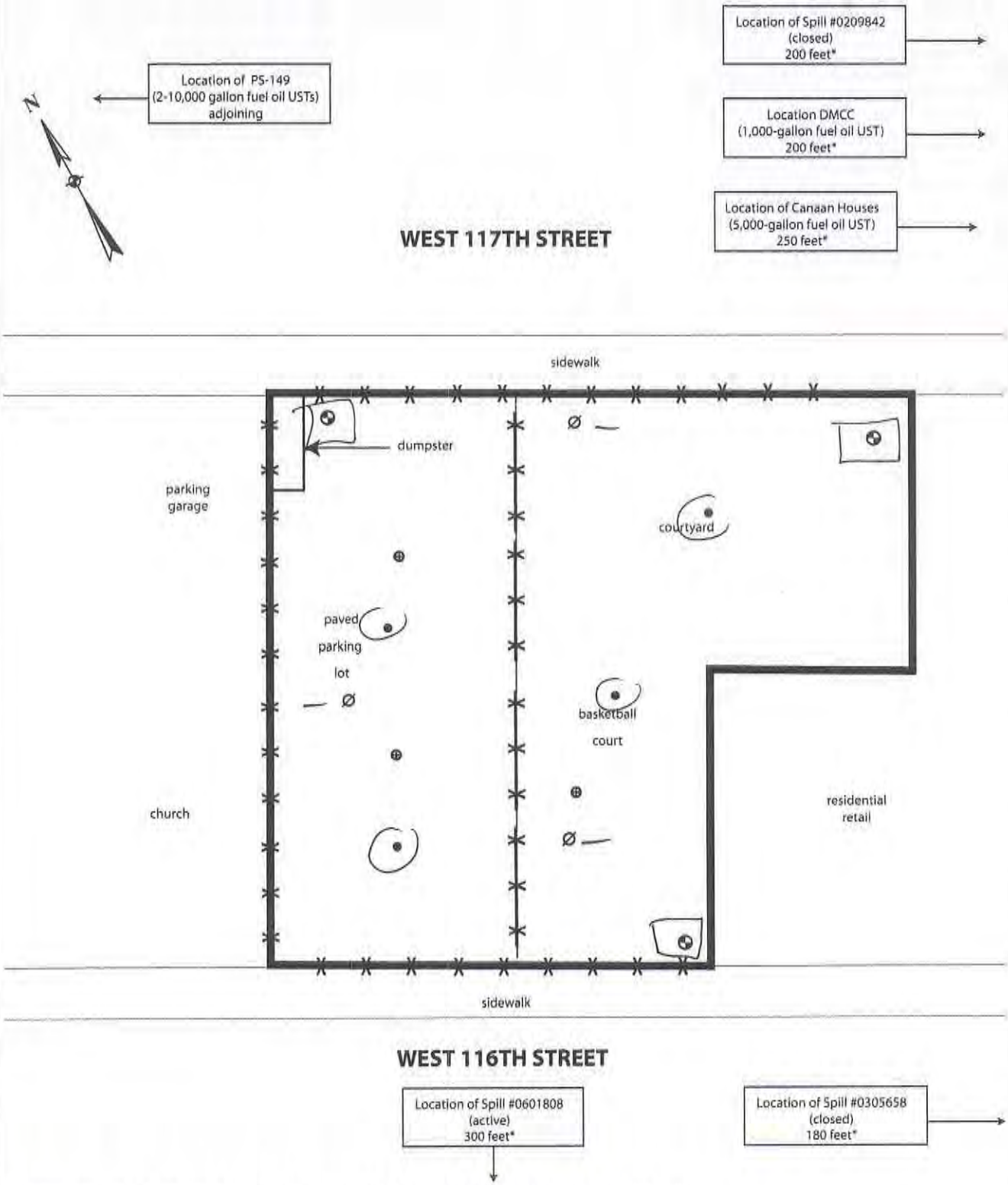
CLIENT: Ecosystems Strategies
JOB #: E37-8909-11

Monitor Well # MW – 1A



Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	15'	Bentonite Chips	1 bag	Lock	
Plug	1	Concrete Mix	1 bag	D/O	1
Slip Cap		Portland Cement		S/U	
Silica Sand	500#				
Powdered Bentonite					

Ecosystems Strategies, Inc.



All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 2 - Proposed Fieldwork Map

1428 Fifth Avenue (rear portion)
Borough of Manhattan, New York

Legend:
- subject property border
- chain link fence
- exterior drains
- proposed boring location
- proposed borings completed as monitoring wells (soil and groundwater sample locations)
- proposed soil gas sample locations

*Distances are from the nearest Site boarder.

ESI File: LM09015.50
June 2011
Scale: 1" = 50'
Appendix A

JOB NO.
E37-8909-11

SOILTESTING, INC.
90 Donovan Road
Oxford, CT 06478

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-1

Date(s) Drilled	**6/22/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Dave Cooke**	Total Depth Drilled (feet) **97.0**	Rock Depth (feet) **91.0**
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	**NX**
Boring Location and Comments	**See Boring Location Plan**			No. of Samples	**Dist.: 20 Undist.: 0 Core (ft): 5**

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0								~3" Asphalt					
	S-1	0.6	8 5 9 14					(FILL) Brown C-F SAND, some brick and silt, trace gravel [7]					
5	S-2	0.7	52 62 45 34					(FILL) Light Gray/Brown C-F SAND, some concrete, trace gravel, silt and brick [7]					
10	S-3	0.0	5 4 5 7					No recovery					
15	S-4	0.8	3 3 4 6					(FILL) Gray C-F SAND, trace gravel, silt, wood, and black organic silt [7]					
	S-5	0.8	4 2 2 2					(FILL) Olive Gray clayey M-F SAND, trace silt [7]			21	48	
20	S-6	0.3	9 5 9 8					(SP-SM) Dark Gray Organic M-F SAND, some silt, trace gravel [3b]					Took another sample w/ 3" spoon to get more recovery
													Driller drove casing to 25' therefore could not take another sample at 22' Hard drilling from 24.5' to 30' bgs
25	S-7	0.3	13 19 19 14					(GP) Brown/Gray c-f sandy M-F GRAVEL, trace silt [2a]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-1

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-8	0.3	15 23 36 17					(GP) M-F GRAVEL, some c. sand, trace m-f sand and silt [2a]					Hard drilling 30' to 35' bgs
35	S-9	0.7	42 31 26 11					Top 4": (GP) M-F GRAVEL, some c. sand, trace m-f sand and silt [2a] Bottom 4": (SM) Reddish brown F. SAND, some silt [3a]					
40	S-10	1.3	5 5 7 11					(ML-CL) Brown/Gray SILT, some clay, trace f. sand [5b]	27	21	27	99	
45	S-11	1.4	2 5 7 8					(SM) Brown/Gray silty F. SAND, trace clay [3b]					
50	S-12	1.7	5 7 11 18					(SM) Brown/Gray F. SAND and SILT, trace to some lenses of gray clay [3b]					
55	S-13	1.8	3 4 4 5					(CL) Brown/Gray silty CLAY, trace f. sand [6]	33	18	32	99	
60	S-14	1.3	4 6 7 6					(SM) Brown/Gray F. SAND, some silt, trace clay [3b]					
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-1

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
65	S-15	1.1	5 9 12 12					(SM) Brown/Gray F. SAND, some silt, trace clay [3b]					
70	S-16	1.1	5 12 15 21					(SM) Brown/Gray F. SAND, some silt, trace clay [3b]					
75	S-17	1.6	10 16 16 14					(SM-SC) Brown/Gray silty F. SAND, trace to some clay [3a]					
80	S-18	1.5	6 6 5 6					(ML) Brown-gray clayey SILT, some f. sand [5b]					
85	S-19	0.8	50 45 49 30					(TILL) Dark Gray/Brown C-F SAND, trace gravel and silt, some decomposed rock [2a]					
90	S-20	0.0	100/4"					No recovery					
95				R-1	87	46		GNEISS: moderately fractured, moderately weathered, intermediate rock [1c]					
100								End of boring at 97' below ground level					

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-10

Date(s) Drilled	**6/27/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Mike G**	Total Depth Drilled (feet) **54.0**	Rock Depth (feet)
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	
Boring Location and Comments	**See Boring Location Plan**			No. of Samples **Dist.: 12 Undist.: 1 Core (ft): 0**	

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0								~3" Asphalt					
	S-1	1.1	23 14 8 13					(FILL) Brown C-F SAND, some brick, trace gravel, silt, and glass [7]					
5	S-2	0.6	5 7 4 6					(FILL) Brown C-F SAND, some gravel and brick, trace silt and various construction debris [7]					
10	S-3	0.3	10 4 3 2					(FILL) Brown C-F SAND, trace gravel, silt and brick [7]					
15	S-4	0.0	7 3 2 3					No recovery					
20	S-5	1.0	5 4 2 3					(FILL) Brown silty M-F SAND [7]			19	33	
25	S-6	0.4	5 5 7 6					(SP) Brown/Gray C-F SAND, trace silt and gravel [3b]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-10

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-7	0.8	2 2 3 6					(PT) Black Organic PEAT [6]					
	U-1		P					(PT) Black Organic PEAT, trace gray clay and gravel					Shelby Tube taken: driller said soil hardened up and didn't want to crush the tube so stopped pushing at 1', only 2" recovery in tube therefore put sample in jar
	S-8	0.9	12 12 15 20					(SP) Black/Gray C-F SAND, trace gravel, clay and silt, piece of gravel in tip of spoon [3b]					
35													
40	S-9	0.0	41 50/2"					No recovery					
45	S-10	1.1	18 7 7 8					(SM) Gray/Brown silty F. SAND, trace clay [3b]					Hard drilling 48' to 52'
50	S-11	0.0	100/3"					Piece of Gravel in tip of spoon					
	S-12	0.0	100/2"					No recovery					Decomposed rock cuttings
								End of boring at 54' below ground level					
55													
60													
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-11

Date(s) Drilled	**6/23/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Dave Cooke**	Total Depth Drilled (feet) **37.0**	Rock Depth (feet) **33.0**
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	**NX**
Boring Location and Comments	**See Boring Location Plan**			No. of Samples	**Dist.: 8 Undist.: 0 Core (ft): 5**

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0								~3" topsoil					
	S-1	0.8	3 4 5 10					(FILL) Brown C-F SAND, trace gravel, silt and brick [7]					
5	S-2	0.6	10 8 8 6					(FILL) Red BRICK and C-F SAND, some gravel [7]					
10	S-3	0.8	17 19 22 46					(SP) Gray/Brown gravelly C-F SAND, trace silt [3a]					
15	S-4	1.0	8 8 6 7					(SP) Gray/Brown C-F SAND, trace gravel, silt, clay, and shells [3b]					
20	S-5	0.9	4 8 9 11					(SP) Gray/brown C-F SAND, trace organic clay, silt, and gravel [3b]					
25	S-6	0.6	4 4 5 6					(PT) Black Organic PEAT [6]					
	S-7	1.7	7 8 6 5					Top 8": (PT) Black/Brown Organic PEAT [6] Bottom 12": (SP) Light Brown M-F SAND, some organic peat, trace silt and clay [3b]	300	143	206		Organic Content 33.9%
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-11

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-8	0.0	5 50/2"					No recovery					
				R-1	95	80		GNEISS: slightly fractured, slightly weathered, medium hard rock [1b]					
35													
								End of boring at 37' below ground level					
40													
45													
50													
55													
60													
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-12

Date(s) Drilled	**6/22/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Dave Cooke**	Total Depth Drilled (feet) **100.0**	Rock Depth (feet) **95.0**
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	
Boring Location and Comments	**See Boring Location Plan**			No. of Samples **Dist.: 19 Undist.: 1 Core (ft): 5**	

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0	S-1	0.7	8 9 8 14					(FILL) Brown C-F SAND, trace gravel, silt, brick, and asphalt fragments [7]					
5	S-2	0.7	14 9 7 8					(FILL) Brown C-F SAND, trace gravel, silt, brick, and construction debris [7]					No recovery w/ 2" spoon, used 3" spoon to obtain sample
10	S-3	0.5	3 3 2 3					(FILL) Brown to Gray C-F SAND, little silt, trace gravel and brick [7]					
15	S-4	0.8	3 2 5 5					(FILL) Gray silty F. SAND, trace gravel, and lenses of light gray clay [7]			20	40	
													Pieces of cobble washing up in cuttings
20	S-5	1.0	9 13 10 7					(GP) Brown C-F GRAVEL, trace cobble, c-f sand, and silt [2b]					No recovery w/ 2" spoon, used 3" spoon to obtain sample
													Hard drilling/Rig chatter to 25' Water loss
25	S-6	0.5	12 38 36 57					(SP-GP) Brown/Gray C-F SAND, some gravel, trace silt [3a]					Rig chatter, flakes of steel in cuttings - casing may have been damaged while driving
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-12

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-7	0.9	3 5 9 9					(SP) Reddish Brown M-F SAND, trace silt [3b]			21	4	Casing to 30'
35	S-8	0.8	6 6 9 13					(SM) Brown silty F. SAND, trace to some clay [3b]					
40	S-9	1.1	3 3 3 7					(CL-ML) Brown CLAY and SILT, trace f. sand [6]			29	91	
45	S-10	1.3	3 3 4 5					(ML-SM) Brown f. sandy SILT, some clay [6]					
50	S-11	1.7	5 6 7 13					(ML-CL) Brown SILT and Gray CLAY, trace f. sand [4b]					
55	S-12	2.0	2 3 2 4					(CL-ML) Gray CLAY interbedded with Brown f. sandy SILT [4c]	27	21	33		
	U-1	1.9	P U S H					Top: (ML) Brown f. sandy SILT Bottom: (CL) Gray CLAY					Shelby Tube taken-lost wax when waxing bottom of tube
60	S-13	1.5	6 9 12 14					(SM) Brown silty F. SAND interbedded with gray clay [3b]					
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-12

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
65	S-14	1.3	7 6 10 14					(SM) Brown F. SAND, some silt, trace clay and m. sand [3b]					
70	S-15	1.0	5 8 11 15					(SM) Brown/Gray F. SAND, some silt, trace to some clay [3b]					
75	S-16	1.4	6 8 13 17					(CL-SC) Gray CLAY, some brown f. sand, trace silt [4b]					
80	S-17	1.5	4 4 4 6					(CL-ML) Gray/Brown silty CLAY, trace to some f. sand [4c]					
85	S-18	2.0	3 3 3 3					(CL-ML) Gray/Brown silty CLAY, trace to some f. sand [4c]					
90	S-19	1.8	2 8 18 31					(CL-ML) Gray/Brown silty CLAY, some f. sand [4b]					
95				R-1				GNEISS: Gray, moderately fractured, moderately weathered, medium hard rock [1b]					Hard drilling/Rig chatter, decomposed rock in cuttings
100													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-12

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
								End of boring at 100' below ground level					
105													
110													
115													
120													
125													
130													
135													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-13

Date(s) Drilled	**6/29/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Dave Cooke**	Total Depth Drilled (feet) **80.0**	Rock Depth (feet)
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	**NX**
Boring Location and Comments	**See Boring Location Plan**			No. of Samples **Dist.: 16 Undist.: 0 Core (ft): 5**	

Depth, feet	Soil Samples Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0	S-1	0.4	17 5 15 13					~4" Asphalt (FILL) Brown C-F SAND, trace gravel, silt, and brick [7]					
5	S-2	0.5	10 5 9 43					(FILL) Brown C-F SAND, trace gravel and silt [7]					
10	S-3	0.8	3 4 5 5					(FILL) Brown C-F SAND, trace gravel and silt [7]					
15	S-4	1.3	6 5 4 3					(FILL) Gray C-F SAND, trace gravel, silt, brick, shell (slight organic odor) [7]					
	S-5	1.3	5 4 4 1					(FILL) Gray C-F SAND, trace gravel, silt, brick [7]					
20	S-6	0.0	4 6 4 5					(FILL) Gray/Light Brown M-F SAND, some clay, little silt and gravel [3b]					No Recovery therefore used 3" split spoon to obtain sample
25	S-7	0.4	22 24 36 50/3"					(SP-GP) Brown m-f gravelly C-F SAND, trace silt [3a]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-13

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-8	0.4	12 22 13 21					(GP) Brown M-F GRAVEL, some c-f sand, trace silt [2a]					
35	S-9	0.0	14 14 5 8					(GP) Brown M-F GRAVEL, trace c-f sand [2b] (SP-SM) Brown C-F SAND, trace silt and clay [3b]					No Recovery therefore used 3" split spoon to obtain sample
40	S-10	0.9	13 11 13 16					(SM) Brown/Gray F. SAND and SILT, some clay [3b]					
45	S-11	1.5	3 4 6 6					(SM) Brown/Gray silty F. SAND trace clay [3b]					
50	S-12	2.0	3 5 5 6					(SM) Brown/Gray F. SAND and SILT, some clay [3b]					
55	S-13	1.0	3 4 5 6					(ML) Brown/Gray SILT, some f. sand and clay [6]					
60	S-14	1.6	4 5 4 7					(SM) Brown/Gray silty F. SAND, trace clay and c-m sand [6]					
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-13

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
65	S-15	1.8	5 7 6 9					[ML] Brown/Gray SILT, some f. sand and clay [5b]					
70	S-16	0.8	22 19 21 32					(TILL) Gray/Brown C-F SAND, trace gravel and silt [3a]					Hard Drilling/Rig chatter @ 73' BGS
75				R-1	70	45		GNEISS: moderately weathered, moderately fractured medium hard rock [1b]					
80													
85													
90													
95													
100													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-14

Date(s) Drilled	**6/21/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Dave Cooke**	Total Depth Drilled (feet) **52.0**	Rock Depth (feet)
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured	**15.6' 6/30/11**	Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	
Boring Location and Comments	**See Boring Location Plan**			No. of Samples **Dist.: 14 Undist.: 0 Core (ft): 0**	

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0								~3" Asphalt					
	S-1	0.7	14 27 16 19					(FILL) Brown/Gray M-F SAND, some m-f gravel, trace silt, brick [7]					
5	S-2	0.5	7 6 5 5					(FILL) Brown/Gray M-F SAND, trace m-f gravel, silt, and brick [7]					
10	S-3	0.8	7 8 6 8					(FILL) Brown/Gray M-F SAND, trace c. sand, f. gravel, silt, and brick [7]					
	S-4	0.3	4 6 6 7					(FILL) Brown M-F SAND and M-F GRAVEL, trace c. sand, silt, brick [7]					
15	S-5	0.3	8 3 2 3					(FILL) Brown M-F SAND, little m-f gravel and brick, trace c. sand and silt [7]					
	S-6	0.6	3 4 5 15					(FILL) Brown C-F SAND, some m-f gravel, trace silt [7]					
	S-7	0.8	10 20 27 21					(FILL) Brown C-F SAND, some brick, little clay and silt, trace gravel [7]					
20	S-8	0.2	49 30 21 12					(GP) Brown M-F GRAVEL [2a]					Broke trap on spoon
25	S-9	0.8	17 19 14 15					(SP) Brown C-F SAND, some m-f gravel, trace silt [3a]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-14

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-10	0.8	5 6 7 7					(SP) Reddish Brown M-F SAND, trace silt [3b]					
35	S-11	1.1	8 12 18 13					(SP) Reddish Brown F. SAND, trace silt [3a]					
40	S-12	1.3	4 4 3 5					(ML) Brown SILT, some f. sand, little clay [6]					
45	S-13	1.4	3 4 5 4					(ML-SM) Brown/Gray f. sandy SILT, trace to some clay [6]					
50	S-14	1.5	2 3 4 4					(ML-SM) Brown/Gray f. sandy SILT, trace to some clay [6]					
								End of boring at 52' below ground level Installed well to 25' bgs					
55													
60													
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-15

Date(s) Drilled	**6/28/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Mike G.**	Total Depth Drilled (feet) **92.0**	Rock Depth (feet)
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	**NX**
Boring Location and Comments	**See Boring Location Plan**			No. of Samples **Dist.: 19 Undist.: 1 Core (ft): 5**	

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0	S-1	0.9	4 8 9 5					3" Topsoil (FILL) Brown C-F SAND, trace gravel, silt, and brick [7]					
5	S-2	0.8	4 3 4 3					(FILL) Brown C-F SAND, little gravel, trace silt and brick [7]					
10	S-3	0.7	5 3 3 3					(FILL) Brown M-F SAND, trace gravel, silt, and construction debris [7]					
15	S-4	0.6	7 4 3 4					(FILL) Brown M-F SAND, little silt and clay [7]					
20	S-5	0.4	3 7 8 10					(GP) Brown M-F GRAVEL, some c-f sand, trace silt [2b]					
25	S-6	0.6	11 29 23 33					(SP-GP) Brown C-F SAND and M-F GRAVEL, trace silt [3a]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-15

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-7	0.3	7 6 6 4					(SP) Reddish Brown M-F SAND trace silt [3b]					
35	S-8	1.0	9 7 6 8					(SM) Brown/Gray F. SAND, some silt, trace clay [3b]					
40	S-9	0.0	4 6 7 7					No Recovery					
	S-10	1.0	8 8 9 11					(SM) Brown/Gray silty F. SAND, some clay [3b]					Pocket Penetrometer 0.4 tons/sq.ft.
45	U-1	1.1	P U S H					(SM) Brown/Gray silty F. SAND, some clay [3b]					Bottom of tube damaged
	S-11	1.7	4 5 9 9					(SM) Brown/Gray F. SAND, some silt, trace clay [3b]					
50	S-12	1.1	4 6 6 6					(SM) Brown/Gray F. SAND and silt, some clay [3b]					
55	S-13	1.4	5 4 6 9					(ML) Brown/Gray SILT, some f. sand and clay [5b]					
60	S-14	1.3	6 5 9 10					(SM) Brown/Gray F. SAND, some silt, trace clay [3b]					
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-15

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
65	S-15	0.9	7 12 10 9					(SM) Brown/Gray F. SAND, some silt, trace clay [3b]					
70	S-16	1.4	4 6 13 12					(SM) Brown/Gray F. SAND, some silt, trace clay [3b]					
75	S-17	1.5	9 13 15 9					(SM) Brown/Gray silty F. SAND, trace clay [3b]					
80	S-18	2.0	2 3 2 3					(CL) Brown/Gray CLAY, some silt, trace f. sand [4c]					
85	S-19	0.0	50/1"					Decomposed Rock in Tip of Spoon					
90				R-1	98	55		GNEISS: moderately weathered, moderately fractured, medium hard rock [1b]					
								End Boring @ 92' BGS					
95													
100													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-16

Date(s) Drilled	**6/29/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Dave Cooke**	Total Depth Drilled (feet) **42.0**	Rock Depth (feet)
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	
Boring Location and Comments	**See Boring Location Plan**			No. of Samples **Dist.: 10 Undist.: 0 Core (ft): 0**	

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0	S-1	0.8	3 2 3 9					3" TOPSOIL (FILL) Brown C-F SAND, trace brick, gravel, silt [7]					
5	S-2	0.6	6 12 10 11					(FILL) Brown C-F SAND, trace gravel, silt, and brick [7]					
10	S-3	1.1	20 9 4 4					(FILL) Brown C-F SAND, trace gravel, silt, brick and concrete [7]					
15	S-4	0.3	4 2 2 6					(FILL) Brown C-F SAND, little gravel and silt [7]			12	20	
20	S-5	0.6	3 4 5 4					Top 3": (FILL) Brown M-F SAND, trace gravel and silt [7] Bottom 4": (PT) Black Organic PEAT [6]					
	S-6	0.8	4 10 8 7					Top 2": (PT) Black Organic PEAT [6] Bottom 8": (SP-SM) Dark Gray M-F SAND, little silt, trace peat [3b]					
25	S-7	1.0	31 33 48 36					(SP-GP) Gray m-f gravelly C-F SAND, trace silt [3a]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-16

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-8	1.3	10 7 6 8					(SP-GP) Brown gravelly M-F SAND, trace silt [3b]			23	7	
35	S-9	1.5	6 8 8 15					(SM) Brown/Gray silty F. SAND [3b]					
40	S-10	1.7	5 7 9 12					(ML) Brown/Gray f. sandy SILT, trace clay [5b]					
								End Boring @ 42' BGS					
45													
50													
55													
60													
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-2

Date(s) Drilled	**6/23/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Craig**	Total Depth Drilled (feet) **62.0**	Rock Depth (feet)
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	
Boring Location and Comments	**See Boring Location Plan**			No. of Samples **Dist.: 14 Undist.: 0 Core (ft): 0**	

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0								~2" topsoil					
	S-1	0.9	3 6 14 12					(FILL) Brown C-F SAND, trace gravel, silt and brick [7]					
5	S-2	0.6	6 8 17 13					(FILL) Brown/Red C-F SAND and BRICK, trace gravel and silt [7]					
10	S-3	0.7	3 100/4"					(FILL) Light Gray/Brown C-F SAND, trace gravel and silt [7]					Used auto hammer to drive spoon all the way down to retrieve sample
15	S-4	0.3	9 6 3 2					(FILL) Light Brown clayey F. SAND [7]					
20	S-5	0.2	5 8 6 3					(SM) Brown silty F. SAND, trace gravel and clay [3b]					
25	S-6	0.4	7 11 8 3					(SP) Brown M-F SAND, trace silt and clay [3b]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-2

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-7	0.4	2 2 4 4					(PT) Black/Dark Gray Organic PEAT [6]	193	92	143		Organic Content 15.8%
	S-8	2.0	18 18 18 16					Top 22": (PT) Dark Gray/Black/Brown Organic PEAT [6] Bottom 2": Light Brown M-F SAND, trace silt and organic peat [3a]					
35	S-9	1.5	2 2 2 2					(CL) Light Brown Organic CLAY, some silt, trace f. sand and black peat [4c]					
40	S-10	0.6	6 14 14 32					(SP) Reddish Brown C-F SAND, trace gravel and silt [3a]					Water loss
45	S-11	0.8	8 18 31 41					(GP) Brown M-F GRAVEL and C-F SAND, trace silt [2a]					
50	S-12	0.3	24 12 15 12					(CL) Brown/Gray CLAY, some silt and f. sand [4b]					
55	S-13	1.6	4 4 4 4					(SM-CL) Brown/Gray clayey F. SAND, some silt [6]					
60	S-14	1.3	9 18 100/3"					(SP) Brown/Gray M-F SAND, trace c. sand, gravel, silt, and clay; decomposed rock in tip of spoon [3a]					
								End of boring at 62' below ground level					
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-3

Date(s) Drilled	**6/23/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Dave Cooke**	Total Depth Drilled (feet) **40.0**	Rock Depth (feet) **35.0**
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	**NX**
Boring Location and Comments	**See Boring Location Plan**			No. of Samples	**Dist.: 8 Undist.: 0 Core (ft): 5**

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0								~2" topsoil					
	S-1	0.3	2 4 5 3					(FILL) Brown C-F SAND, trace brick, silt, and gravel [7]					
5	S-2	0.4	8 12 13 10					(FILL) Brown C-F SAND, trace brick, wood, silt and gravel [7]					
10	S-3	0.3	5 4 6 8					(FILL) Brown M-F SAND, little silt, trace gravel [7]					
15	S-4	0.6	2 5 5 10					(SP) Gray C-F SAND, trace gravel and silt [3b]					
20	S-5		6 20 9 8					(SP) Black-gray C-F SAND, trace peat, silt, gravel [3b]					
25	S-6	1.0	2 3 3 4					(PT) Brown Organic PEAT, trace gray clay [6]					
	S-7	1.2	6 5 7 8					(PT) Black/Brown Organic PEAT, brown m-f sand in tip of spoon [6]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-3

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-8	0.0	50/2"					No recovery					
													Hard drilling, no chatter 32' to 35'
35				R-1	100	36		GNEISS: moderately weathered, moderately fractured, intermediate rock [1c]					
40								End of boring at 40' below ground level					
45													
50													
55													
60													
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-4

Date(s) Drilled	**6/24/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Craig**	Total Depth Drilled (feet) **30.0**	Rock Depth (feet) **25.0**
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	**NX**
Boring Location and Comments	**See Boring Location Plan**			No. of Samples	**Dist.: 5 Undist.: 0 Core (ft): 5**

Depth, feet	Soil Samples Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0								~3" topsoil					
	S-1	0.8	3 10 26 10					(FILL) Brown C-F SAND, trace gravel, silt, and brick [7]					
5	S-2	0.4	11 16 17 14					(FILL) Brown C-F SAND and GRAVEL, trace silt and brick [7]					
10	S-3	0.3	70 100/4"					(SP) Gray C-F SAND and Decomposed rock fragments, trace gravel and silt [3a]					
15	S-4	0.5	7 23 39 40					(SP) Gray C-F SAND, trace gravel and silt [3a]					Hard drilling, no chatter 18' to 19.5'
20	S-5	0.3	15 100/4"					(GP-SP) Gray M-F GRAVEL and C-F SAND, trace silt [2a]					Hard drilling 21' to 23'
25				R-1	100	51		GNEISS: moderately weathered, moderately fractured, medium hard rock [1b]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-4

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30								End of boring at 30' below ground level					
35													
40													
45													
50													
55													
60													
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-5

Date(s) Drilled	**6/23/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Dave Cooke**	Total Depth Drilled (feet) **52.0**	Rock Depth (feet)
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	
Boring Location and Comments	**See Boring Location Plan**			No. of Samples **Dist.: 11 Undist.: 1 Core (ft): 0**	

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0								~3" asphalt bitumen					
	S-1	0.7	16 15 17 56					(FILL) Brown C-F SAND, trace gravel, silt, and brick [7]					
5	S-2	0.8	8 9 12 56					(FILL) Brown C-F SAND, trace gravel, silt, and brick [7]					
10	S-3	0.3	3 3 2 9					(FILL) Brown C-F SAND, some silt, trace gravel [7]					
15	S-4	0.3	100/4"					(SP) Black/Gray C-F SAND and decomposed schist [3a]					
20	S-5	1.6	3 1 2 2					Top 12": (SC) Brown/Gray clayey M-F SAND, some silt, trace gravel [6] Bottom 7": (PT) Black Organic PEAT [6]					
	U-1	0.2	P U S H					(SM) Dark Gray silty Organic F. SAND, trace clay [6]					Put recovery in jar, tube hit gravel layer
25	S-6	0.5	34 33 27 31					(GP) Gray M-F GRAVEL, some c-f sand, trace silt [2a]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-5

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-7	0.8	8 34 53 60					(GP-SP) Gray/ Brown M-F GRAVEL and C-F SAND, trace silt [2a]					
35	S-8	0.8	8 10 12 13					(SM) Brown F. SAND, some silt [3b]					
40	S-9	1.4	3 5 6 8					(ML) Brown/Gray SILT, some f. sand, trace to some clay [5b]					
45	S-10	1.5	5 7 9 9					(SM) Brown/Gray silty F. SAND, trace clay [3b]					
50								(SM-ML) Brown/Gray F. SAND and SILT, some clay [3b]					
								End of boring at 52' below ground level					
55													
60													
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-6

Date(s) Drilled	**6/22/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Craig**	Total Depth Drilled (feet) **57.0**	Rock Depth (feet)
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	
Boring Location and Comments	**See Boring Location Plan**			No. of Samples **Dist.: 12 Undist.: 0 Core (ft): 0**	

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0	S-1	1.2	7 11 15 29					(FILL) Brown C-F SAND, some brick, trace gravel, silt, and topsoil [7]					
5	S-2	0.2	2 2 1 WOH					(FILL) Red BRICK [7]					
10	S-3	0.6	12 4 4 4					Top 3": (FILL) Gray/Black M-F SAND, some gravel, trace silt [7] Bottom 4": (FILL) Brown M-F SAND, trace gravel and silt [7]					
15	S-4	0.1	2 2 2 2					(FILL) Pieces of GRAVEL with some f. sand and silt in tip of spoon [7]					
20	S-5	0.8	27 13 20 13					Top 4": Wood [7] Bottom 6": (SP) Black C-F SAND and decomposed rock, some silt [3a]					
25	S-6	0.0	3 4 4 4					No recovery					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-6

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-7	1.6	4 4 5 7					Top 6": (PT) Black Organic PEAT, some wood [6] Middle 5": (SP) Dark Brown/Gray M-F SAND, some organic peat, trace shells [6] Bottom 8": (SP) Light Brown M-F SAND, trace organic peat, wood, shells [6]					
35	S-8	0.0	36 19 23 26					(GP) Gray C-F GRAVEL, pieces of cobble, trace c-f sand and silt [2a]					Took sample with 3" spoon to get recovery
40	S-9	0.8	21 25 37 47					(GP) Brown c-f sandy M-F GRAVEL, trace silt [2a]					
45	S-10	0.0	6 7 11 14					No recovery					
50	S-11	1.0	6 5 4 6					(SM) Brown/Gray silty F. SAND, trace to some clay [6]					
55	S-12	1.5	3 2 3 4					(ML) Brown/Gray clayey SILT, some f. sand [6]					
60								End of boring at 57' below ground level					
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-7

Date(s) Drilled	**6/23/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Craig / Mike**	Total Depth Drilled (feet) **37.0**	Rock Depth (feet) **27.0**
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured	**14.7 6/30/11**	Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	**NX**
Boring Location and Comments	**See Boring Location Plan**			No. of Samples	**Dist.: 6 Undist.: 0 Core (ft): 10**

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0								~2" topsoil					
	S-1	0.5	1 2 2 3					(FILL) Brown C-F SAND, trace gravel and silt [7]					
5	S-2	0.5	4 8 3 3					(FILL) Brown/Black C-F SAND, trace gravel, silt and brick [7]					
10	S-3	1.3	3 2 6 6					(FILL) Orange Brown M-F SAND, some silt, trace clay and c. sand [3b]					
15	S-4	0.9	6 13 17 7					(SM) Gray C-F SAND, some silt, trace clay, wood, and organic material in center of sample [3b]			16	38	
20	S-5	0.7	3 2 6 50/2"					(SP-PT) Black/Brown C-F SAND and Organic PEAT, trace silt [6]					
25	S-6	0.3	100/4"					(TILL) Gray C-F SAND, trace gravel and silt, decomposed rock in tip of spoon [3a]					
				R-1	95	8		GNEISS: highly weathered, highly fractured, soft rock [1d]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-7

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30													
								GNEISS: highly weathered, highly fractured, soft rock [1d]					
35				R-2	88	22							
								End of boring at 37' below ground level					
40													
45													
50													
55													
60													
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-8

Date(s) Drilled	**6/21/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Dave Cooke**	Total Depth Drilled (feet) **52.0**	Rock Depth (feet)
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	
Boring Location and Comments	**See Boring Location Plan**			No. of Samples **Dist.: 12 Undist.: 0 Core (ft): 0**	

Depth, feet	Soil Samples: Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0								~3" asphalt bitumen					
	S-1	0.8	6 11 25 24					(FILL) Brown C-F SAND, some brick, trace gravel and silt [7]					
5	S-2	1.0	7 4 6 7					(FILL) Various construction debris: brick, tile, some c-f brown sand, trace m-f gravel and silt [7]					
10	S-3	0.6	5 5 4 6					(FILL) Brown M-F SAND, trace c. sand, f. gravel, and silt [7]					
15	S-4	1.0	2 2 1 7					Top 7": (FILL) Brown M-F SAND, some silt, trace gravel and clay [7] Bottom 5": (FILL) Gray sandy Organic CLAY [7]					
	S-5	1.7	79 36 35 39					Top 6": (PT) Dark Gray Organic PEAT and M-F SAND [7] Bottom 14": Wood [7]					
20	S-6	0.0	43 49 72 39					No recovery					
25	S-7	0.5	69 53 53 31					(GP) Two large pieces of COBBLE, some m-f gravel, trace c-f sand and silt [2a]					Hard Drilling/ Rig Chatter to 28' Hard drilling to 28' bgs, used 3" spoon and auto hammer
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-8

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-8	0.8	7 6 9 12					(SP) Reddish-Brown M. SAND, trace silt [3b]					
35	S-9	1.0	5 7 19 23					(SP) Reddish-Brown M. SAND, some silt [3b]					
40	S-10	1.5	4 5 7 6					(SM) Brown/Gray F. SAND and SILT, some clay [3b]					
45	S-11	1.2	4 4 6 9					(SM) Brown/Gray F. SAND and SILT, some clay [3b]					
50	S-12	1.1	7 8 14 13					(SM-ML) Brown/Gray F. SAND and SILT, trace to some clay [3b]					
								End of boring at 57' below ground level					
55													
60													
65													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-9

Date(s) Drilled	**6/29/11**	Logged By	**A. Felicetta**	Approximate Surface Elevation (feet)	**20.0**
Drilling Method	**Rotary mud**	Drilling Contractor	**CTB**	Coordinates	**North: East:**
Casing Size/Type	**4" Steel**	Drill Rig Operator	**Dave Cooke**	Total Depth Drilled (feet) **42.0**	Rock Depth (feet)
Drill Rig Type	**CME 75**	Drill Bit Size/Type	**3 7/8" Tricone Bit**	Sampler Type(s)	**2" O.D Spoon Sampler**
Groundwater Level and Date Measured		Hammer Wt/Drop **140 lb / 30" Safety**	Casing Hammer Wt/Drop	Core Barrel Size/Type	
Boring Location and Comments	**See Boring Location Plan**			No. of Samples **Dist.: 10 Undist.: 0 Core (ft): 0**	

Depth, feet	Soil Samples Type, Number	Recov. (ft)	Pen. Resist. (blows/6 in)	Rock Coring Run Number	Recov. (%)	RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont. (%)	% Fines	REMARKS/ OTHER TESTS
0	S-1	1.0	18 4 6 21					5" Asphalt (FILL) Brown C-F SAND, some brick, trace gravel and silt [7]					
5	S-2	0.8	4 7 3 3					(FILL) Brown C-F SAND, trace brick, gravel, and silt [7]					
10	S-3	0.0	5 4 3 50/3"					No Recovery					
15	S-4	1.2	1 1 WOH 5					Top 11" : (FILL) Brown and Black m-f sandy Organic SILT [7] Bottom 3": (FILL) Brown M-F SAND, trace silt, no organics [7]			27	59	Hole collapsed on 6/29/11 6/30/11 - move location to 19.5' from North fence and 6' from West fence. Started sampling at 15' BGS
20	S-5	1.0	2 2 4 5					Top 6": (FILL) Brown M-F SAND, some gray clay [7] Bottom 6": (PT) Black Organic PEAT [6]					
	S-6	0.8	5 7 6 9					(SP-PT) Brown and Gray C-F SAND, little clay, trace gravel and organic peat					
25	S-7	0.9	40 27 36 27					(SP) Gray C-F SAND, some m-f gravel, trace clay and silt [3a]					
30													

Project: West 116th Street
Project Location: New York, New York
Project Number: 11100377

Log of Boring B-9

Depth, feet	Soil Samples: Type, Number	Soil Samples: Recov. (ft)	Soil Samples: Pen. Resist. (blows/6 in)	Rock Coring: Run Number	Rock Coring: Recov. (%)	Rock Coring: RQD (%)	Graphic Log	MATERIAL DESCRIPTION	Liquid Limit	Plastic Limit	Water Cont.(%)	% Fines	REMARKS/ OTHER TESTS
30	S-8	1.0	59 37 22 24					(SP) Brown m-f gravelly C-F SAND trace silt [3a]					
35	S-9	0.0	11 10 12 23					(GP) Brown C-M GRAVEL some c-f sand and silt					No Recovery therefore used 3" split spoon to retrieve sample
40	S-10	0.0	11 12 14 11					(SM) Reddish Brown/ Brown F. SAND, some silt					No Recovery therefore used 3" split spoon to retrieve sample
								End Boring @ 42' BGS					
45													
50													
55													
60													
65													

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Table: Fieldwork Observations

Boring ID	Depth of Boring	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
SG-1	(0-2')	Coarse brown sand with concrete/brick	No	0.0 ppm	No evidence of contamination
	(2-4')	Light brown to gray sand	No	0.0 ppm	No evidence of contamination
	(4-6')	Light brown sand	No	0.0 ppm	No evidence of contamination
SG-2	(0-2')	Dark brown sandy loam with brick	No	0.0 ppm	Asphalt fragments
	(2-4')	Brown medium texture sand with brick	No	0.0 ppm	No evidence of contamination
	(4-6')	No recovery. Brick only	No	0.0 ppm	No evidence of contamination
SG-3	(0-2')	Coarse brown sand with brick	No	0.0 ppm	Asphalt fragments
	(2-4')	Coarse brown sand with brick	No	0.0 ppm	Asphalt fragments
	(4-6')	No recovery	No	0.0 ppm	Rock plugging corer
B-4	(0-2')	Coarse brown to black sand with brick	No	0.0 ppm	No evidence contamination
	(2-6')	Coarse brown sandy loam with brick	No	0.0 ppm	Increasing moisture. No evidence of contamination
	(6-10')	Moist brown sandy loam with weathered rock	No	0.0 ppm	Increasing moisture. No evidence of contamination
	(10-14')	Very moist, brown fine sandy loam	Yes	0.0 ppm	Wet at 10' bsg.
B-5	(0-2')	Coarse brown sand with brick	No	0.0 ppm	No evidence of contamination
	(2-6')	Coarse grey sand with rock and concrete	No	0.0 ppm	No evidence of contamination
	(6-10')	Brown sandy loam	No	0.0 ppm	Asphalt fragments. Increasing moisture. No evidence of contamination.
	(10-14')	Wet, brown fine sandy loam and clay	Yes	0.0 ppm	Asphalt fragments. Water at 14' bsg.
	(14-16')	Wet, fine sand and silt with weathered rock	Yes	0.0 ppm	Water at 14' bsg.
B-6	(0-2')	Brown sand with brick	No	0.0 ppm	No evidence of contamination
	(2-6')	Grey to dark brown fine sand with brick	No	0.0 ppm	Increasing moisture. No evidence of contamination.
	(6-10')	Dark brown, moist, fine sand and silt	Yes	0.0 ppm	Wet at 10' bsg.
	(10-14')	Wet, brown to dark grey silty clay	Yes	0.0 ppm	Wet at 10' bsg.
	(14-16')	Grey and grey loose wet silt	No	0.0 ppm	No evidence of contamination

Table: Fieldwork Observations

Boring ID	Depth of Boring	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
B-7	(0-2')	Light brown to black sand with brick and rock	No	0.0 ppm	Brick plugging corer
	(2-6')	Dark brown sand with black fragments	No	3.5 ppm	Shiny black fragments
	(6-10')	Shiny black fragments with brick	No	1.2 ppm	Refusal at 10' bsg. Suspected chimney encountered.
B-8	(0-2')	Loose sand and silt with gravel and brick	No	0.0 ppm	No evidence of contamination.
	(2-6')	No recovery	No	0.0 ppm	Rock plugging corer
	(6-10')	Brown, firm, moist silt	No	0.0 ppm	Increasing moisture. No evidence of contamination
	(10-14)	Brown, firm, moist silt	Yes	0.0 ppm	Water at 14' bsg.
	(14-16')	Brown to black wet firm silt	Yes	0.0 ppm	Water at 14' bsg.
B-9	(0-2')	Coarse brown sandy loam with gravel and brick	No	0.0 ppm	No evidence of contamination
	(2-6')	Coarse brown sand with brick	No	0.0 ppm	No evidence of contamination
	(6-10')	Coarse brown to grey sand with concrete ash	No	0.0 ppm	No evidence of contamination
	(10-14)	Coarse grey to brown sand with weathered rock	Yes	0.0 ppm	Wet at 14' bsg.
	(14-16')	Brown to black wet sandy silt	Yes	0.0 ppm	Wet at 14' bsg.
MW-1	(0-2')	Coarse brown sandy loam with gravel and brick	No	0.0 ppm	No evidence of contamination
	(2-6')	Coarse brown sand with brick	No	0.0 ppm	No evidence of contamination
	(6-10')	Coarse brown to grey sand with concrete ash	No	0.0 ppm	No evidence of contamination
	(10-14)	Coarse grey to brown sand with weathered rock	Yes	0.0 ppm	Wet at 14' bsg.
	(14-16')	Brown to black wet sandy silt with weathered rock	Yes	0.0 ppm	Wet at 14' bsg.

APPENDIX C

Laboratory Data Deliverables

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Adam Atkinson

Report Date: 08/03/2011
Client Project ID: LM09015.50
York Project (SDG) No.: 11G0701

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: 08/03/2011
Client Project ID: LM09015.50
York Project (SDG) No.: 11G0701

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Adam Atkinson

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 July 21, 2011 and listed below. The project was identified as your project: **LM09015.50**.

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
11G0701-01	SG-1	Soil	07/18/2011	07/21/2011
11G0701-02	SG-2	Soil	07/18/2011	07/21/2011
11G0701-03	SG-3	Soil	07/18/2011	07/21/2011
11G0701-04	B-4	Soil	07/18/2011	07/21/2011
11G0701-05	B-5	Soil	07/18/2011	07/21/2011
11G0701-06	B-6	Soil	07/18/2011	07/21/2011
11G0701-07	B-7	Soil	07/18/2011	07/21/2011
11G0701-08	B-8	Soil	07/19/2011	07/21/2011
11G0701-09	B-9	Soil	07/19/2011	07/21/2011
11G0701-10	MW-1	Soil	07/19/2011	07/21/2011
11G0701-11	SG-1	Soil Vapor	07/18/2011	07/21/2011
11G0701-12	SG-2	Soil Vapor	07/18/2011	07/21/2011
11G0701-13	SG-3	Soil Vapor	07/18/2011	07/21/2011

General Notes for York Project (SDG) No.: 11G0701

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:** 08/03/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.97	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.84	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.50	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.84	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-25-2	Bromoform	ND		ug/kg dry	1.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.79	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.7	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
67-66-3	Chloroform	ND		ug/kg dry	0.81	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	2.0	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.79	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.79	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.97	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.88	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.86	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-09-2	**Methylene chloride**	**22**	B	ug/kg dry	2.4	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.72	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.2	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.56	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
100-42-5	Styrene	ND		ug/kg dry	0.97	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.0	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
108-88-3	Toluene	ND		ug/kg dry	0.52	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.4	31	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	95.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	76.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	83.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	59.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	85.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	71.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	55.9	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	146	348	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	76.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	83.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	53.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	101	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	60.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	64.1	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	59.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	78.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	43.9	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	63.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	132	348	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	72.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	18.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	68.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	57.9	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	63.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
83-32-9	Acenaphthene	ND		ug/kg dry	101	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	48.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
62-53-3	Aniline	ND		ug/kg dry	62.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
120-12-7	**Anthracene**	**74.2**	J	ug/kg dry	43.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	67.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
50-32-8	**Benzo(a)pyrene**	**56.1**	J	ug/kg dry	45.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	66.3	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	52.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	67.5	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	56.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	72.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	64.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	59.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	64.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	58.3	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
218-01-9	**Chrysene**	**85.7**	J	ug/kg dry	70.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	56.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	91.5	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	52.1	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	78.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
206-44-0	**Fluoranthene**	**167**	J	ug/kg dry	101	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
86-73-7	Fluorene	ND		ug/kg dry	48.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	28.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	69.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	130	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	62.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	64.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
78-59-1	Isophorone	ND		ug/kg dry	64.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
91-20-3	Naphthalene	ND		ug/kg dry	52.1	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	78.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	63.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.5	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	101	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
85-01-8	**Phenanthrene**	**80.8**	J	ug/kg dry	64.3	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
108-95-2	Phenol	ND		ug/kg dry	69.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
129-00-0	**Pyrene**	**154**	J	ug/kg dry	62.5	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
110-86-1	Pyridine	ND		ug/kg dry	68.1	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Pesticides/PCBs, EPA 8081/8082 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**3.52**		ug/kg dry	1.54	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
50-29-3	**4,4'-DDT**	**4.30**		ug/kg dry	1.55	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
309-00-2	Aldrin	ND		ug/kg dry	2.21	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
319-84-6	alpha-BHC	ND		ug/kg dry	2.60	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
12674-11-2	Aroclor 1016	ND		ug/kg dry	82.6	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
11104-28-2	Aroclor 1221	ND		ug/kg dry	82.6	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
11141-16-5	Aroclor 1232	ND		ug/kg dry	82.6	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
53469-21-9	Aroclor 1242	ND		ug/kg dry	82.6	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
12672-29-6	Aroclor 1248	ND		ug/kg dry	82.6	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
11097-69-1	Aroclor 1254	ND		ug/kg dry	71.1	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
11096-82-5	Aroclor 1260	ND		ug/kg dry	71.1	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
319-85-7	beta-BHC	ND		ug/kg dry	2.17	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
57-74-9	Chlordane, total	ND		ug/kg dry	13.8	13.8	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
319-86-8	delta-BHC	ND		ug/kg dry	1.88	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
60-57-1	Dieldrin	ND		ug/kg dry	2.04	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
959-98-8	Endosulfan I	ND		ug/kg dry	1.67	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
33213-65-9	Endosulfan II	ND		ug/kg dry	2.11	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
72-20-8	Endrin	ND		ug/kg dry	2.09	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.32	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
53494-70-5	Endrin ketone	ND		ug/kg dry	1.52	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.39	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
76-44-8	Heptachlor	ND		ug/kg dry	2.75	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.52	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
72-43-5	Methoxychlor	ND		ug/kg dry	8.90	17.2	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
1336-36-3	Total PCBs	ND		ug/kg dry	71.1	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
8001-35-2	Toxaphene	ND		ug/kg dry	345	345	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11100**		mg/kg dry	1.32	2.09	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-36-0	Antimony	ND		mg/kg dry	0.146	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-38-2	**Arsenic**	**5.12**		mg/kg dry	0.199	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-39-3	**Barium**	**132**		mg/kg dry	0.251	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.008	0.010	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.136	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-70-2	**Calcium**	**19500**		mg/kg dry	0.045	2.09	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-47-3	**Chromium**	**19.5**		mg/kg dry	0.084	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-48-4	**Cobalt**	**11.0**		mg/kg dry	0.084	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-50-8	**Copper**	**30.5**		mg/kg dry	0.146	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7439-89-6	**Iron**	**21700**		mg/kg dry	0.575	1.05	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7439-92-1	**Lead**	**145**		mg/kg dry	0.105	0.314	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7439-95-4	**Magnesium**	**4820**		mg/kg dry	0.857	2.09	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7439-96-5	**Manganese**	**346**		mg/kg dry	0.084	1.05	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-02-0	**Nickel**	**20.2**		mg/kg dry	0.073	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-09-7	**Potassium**	**3370**		mg/kg dry	2.84	10.5	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7782-49-2	**Selenium**	**2.23**		mg/kg dry	0.221	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-22-4	Silver	ND		mg/kg dry	0.094	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-23-5	**Sodium**	**372**	B	mg/kg dry	7.02	10.5	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-28-0	Thallium	ND		mg/kg dry	0.199	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-62-2	**Vanadium**	**30.6**		mg/kg dry	0.084	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-66-6	**Zinc**	**110**		mg/kg dry	0.073	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW

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	0.101	0.105	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**95.7**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.89	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.53	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
67-66-3	Chloroform	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.94	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-09-2	**Methylene chloride**	**27**	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.77	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.60	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
108-88-3	Toluene	ND		ug/kg dry	0.55	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	101	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	81.1	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	88.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	63.6	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	90.6	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	75.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	59.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	156	371	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	81.1	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	88.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	56.6	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	108	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	64.5	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	68.2	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	63.6	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	83.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	46.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	67.2	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	140	371	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	77.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	20.0	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	73.2	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	53.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	61.5	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	67.0	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
83-32-9	Acenaphthene	ND		ug/kg dry	107	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	51.9	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	66.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
120-12-7	**Anthracene**	**111**	J	ug/kg dry	45.9	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
56-55-3	**Benzo(a)anthracene**	**483**		ug/kg dry	71.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
50-32-8	**Benzo(a)pyrene**	**547**		ug/kg dry	48.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
205-99-2	**Benzo(b)fluoranthene**	**445**		ug/kg dry	70.5	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
191-24-2	**Benzo(g,h,i)perylene**	**200**		ug/kg dry	55.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
207-08-9	**Benzo(k)fluoranthene**	**461**		ug/kg dry	71.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	60.0	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	77.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	62.9	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.8	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	62.0	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
218-01-9	**Chrysene**	**777**		ug/kg dry	74.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
53-70-3	**Dibenzo(a,h)anthracene**	**122**	J	ug/kg dry	46.8	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	59.8	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	97.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	53.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	55.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	83.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
206-44-0	**Fluoranthene**	**953**		ug/kg dry	107	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
86-73-7	Fluorene	ND		ug/kg dry	51.9	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	30.2	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	74.1	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	138	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	66.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**226**		ug/kg dry	68.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
78-59-1	Isophorone	ND		ug/kg dry	68.8	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
91-20-3	Naphthalene	ND		ug/kg dry	55.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	83.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	67.0	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	107	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.9	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
85-01-8	**Phenanthrene**	**426**		ug/kg dry	68.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	74.1	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
129-00-0	**Pyrene**	**897**		ug/kg dry	66.5	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
110-86-1	Pyridine	ND		ug/kg dry	72.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**44.8**		ug/kg dry	1.63	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
72-55-9	**4,4'-DDE**	**7.98**		ug/kg dry	2.10	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
50-29-3	**4,4'-DDT**	**37.1**		ug/kg dry	1.65	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
309-00-2	Aldrin	ND		ug/kg dry	2.35	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
319-84-6	alpha-BHC	ND		ug/kg dry	2.77	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
12674-11-2	Aroclor 1016	ND		ug/kg dry	87.8	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
11104-28-2	Aroclor 1221	ND		ug/kg dry	87.8	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
11141-16-5	Aroclor 1232	ND		ug/kg dry	87.8	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
53469-21-9	Aroclor 1242	ND		ug/kg dry	87.8	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
12672-29-6	Aroclor 1248	ND		ug/kg dry	87.8	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
11097-69-1	Aroclor 1254	ND		ug/kg dry	75.6	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
11096-82-5	Aroclor 1260	ND		ug/kg dry	75.6	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
319-85-7	beta-BHC	ND		ug/kg dry	2.31	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
57-74-9	Chlordane, total	ND		ug/kg dry	14.7	14.7	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
319-86-8	delta-BHC	ND		ug/kg dry	2.00	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
60-57-1	Dieldrin	ND		ug/kg dry	2.17	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
33213-65-9	Endosulfan II	ND		ug/kg dry	2.25	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
72-20-8	Endrin	ND		ug/kg dry	2.22	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.47	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
53494-70-5	Endrin ketone	ND		ug/kg dry	1.61	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.55	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
76-44-8	Heptachlor	ND		ug/kg dry	2.92	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.61	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
72-43-5	Methoxychlor	ND		ug/kg dry	9.46	18.3	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
1336-36-3	Total PCBs	ND		ug/kg dry	75.6	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
8001-35-2	Toxaphene	ND		ug/kg dry	367	367	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10700**		mg/kg dry	1.40	2.22	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-36-0	Antimony	ND		mg/kg dry	0.156	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-38-2	**Arsenic**	**4.64**		mg/kg dry	0.211	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-39-3	**Barium**	**298**		mg/kg dry	0.267	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.145	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-70-2	**Calcium**	**34300**		mg/kg dry	0.048	2.22	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.089	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-48-4	**Cobalt**	**10.1**		mg/kg dry	0.089	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-50-8	**Copper**	**81.8**		mg/kg dry	0.156	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7439-89-6	**Iron**	**19800**		mg/kg dry	0.611	1.11	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7439-92-1	**Lead**	**248**		mg/kg dry	0.111	0.333	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7439-95-4	**Magnesium**	**7570**		mg/kg dry	0.912	2.22	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7439-96-5	**Manganese**	**277**		mg/kg dry	0.089	1.11	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-02-0	**Nickel**	**26.6**		mg/kg dry	0.078	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-09-7	**Potassium**	**3710**		mg/kg dry	3.02	11.1	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7782-49-2	**Selenium**	**2.64**		mg/kg dry	0.235	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.100	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-23-5	**Sodium**	**572**	B	mg/kg dry	7.47	11.1	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-28-0	Thallium	ND		mg/kg dry	0.211	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-62-2	**Vanadium**	**44.1**		mg/kg dry	0.089	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-66-6	**Zinc**	**255**		mg/kg dry	0.078	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW

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	0.108	0.111	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**90.0**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.93	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.55	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
67-66-3	Chloroform	ND		ug/kg dry	0.90	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.98	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.95	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-09-2	**Methylene chloride**	**33**	B	ug/kg dry	2.7	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
91-20-3	**Naphthalene**	**6.9**	J	ug/kg dry	1.3	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.80	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.63	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
108-88-3	Toluene	ND		ug/kg dry	0.58	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.6	35	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2630	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2110	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2300	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1660	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1310	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	2360	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1970	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1550	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	4060	9660	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	2110	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	2300	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1480	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	2810	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1680	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	1780	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	1660	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	2170	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1220	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	1750	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	3650	9660	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	2010	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	521	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	1910	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1390	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	1600	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	1750	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
83-32-9	**Acenaphthene**	**3020**	J	ug/kg dry	2800	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	1350	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	1740	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
120-12-7	**Anthracene**	**10900**		ug/kg dry	1200	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
56-55-3	**Benzo(a)anthracene**	**19800**		ug/kg dry	1870	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
50-32-8	**Benzo(a)pyrene**	**17300**		ug/kg dry	1260	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
205-99-2	**Benzo(b)fluoranthene**	**11600**		ug/kg dry	1840	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
191-24-2	**Benzo(g,h,i)perylene**	**8460**		ug/kg dry	1450	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
207-08-9	**Benzo(k)fluoranthene**	**12500**		ug/kg dry	1870	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	1560	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	2020	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1780	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1640	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1790	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1620	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
218-01-9	**Chrysene**	**22600**		ug/kg dry	1950	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
53-70-3	**Dibenzo(a,h)anthracene**	**4160**	J	ug/kg dry	1220	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	1560	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	2540	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	1390	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1440	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	2170	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
206-44-0	**Fluoranthene**	**36200**		ug/kg dry	2800	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
86-73-7	**Fluorene**	**5310**		ug/kg dry	1350	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	787	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1930	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	3590	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	1740	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**8590**		ug/kg dry	1780	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
78-59-1	Isophorone	ND		ug/kg dry	1790	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
91-20-3	Naphthalene	ND		ug/kg dry	1440	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	2170	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	1750	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1260	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	2800	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	1350	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
85-01-8	**Phenanthrene**	**33700**		ug/kg dry	1780	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	1930	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
129-00-0	**Pyrene**	**31900**		ug/kg dry	1730	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
110-86-1	Pyridine	ND		ug/kg dry	1890	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**24.5**		ug/kg dry	1.70	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
72-55-9	**4,4'-DDE**	**9.12**		ug/kg dry	2.19	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
50-29-3	**4,4'-DDT**	**50.9**		ug/kg dry	1.72	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
309-00-2	Aldrin	ND		ug/kg dry	2.45	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
319-84-6	alpha-BHC	ND		ug/kg dry	2.89	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
12674-11-2	Aroclor 1016	ND		ug/kg dry	91.6	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
11104-28-2	Aroclor 1221	ND		ug/kg dry	91.6	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
11141-16-5	Aroclor 1232	ND		ug/kg dry	91.6	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
53469-21-9	Aroclor 1242	ND		ug/kg dry	91.6	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
12672-29-6	Aroclor 1248	ND		ug/kg dry	91.6	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
11097-69-1	Aroclor 1254	ND		ug/kg dry	78.8	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
11096-82-5	Aroclor 1260	ND		ug/kg dry	78.8	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
319-85-7	beta-BHC	ND		ug/kg dry	2.41	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
57-74-9	Chlordane, total	ND		ug/kg dry	15.3	15.3	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
319-86-8	delta-BHC	ND		ug/kg dry	2.09	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
60-57-1	Dieldrin	ND		ug/kg dry	2.26	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
33213-65-9	Endosulfan II	ND		ug/kg dry	2.34	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
72-20-8	Endrin	ND		ug/kg dry	2.32	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.57	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
53494-70-5	Endrin ketone	ND		ug/kg dry	1.68	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.65	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
76-44-8	Heptachlor	ND		ug/kg dry	3.05	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.68	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
72-43-5	Methoxychlor	ND		ug/kg dry	9.87	19.1	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
1336-36-3	Total PCBs	ND		ug/kg dry	78.8	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
8001-35-2	Toxaphene	ND		ug/kg dry	383	383	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9870**		mg/kg dry	1.46	2.32	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-36-0	Antimony	ND		mg/kg dry	0.162	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-38-2	**Arsenic**	**8.46**		mg/kg dry	0.220	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-39-3	**Barium**	**1160**		mg/kg dry	0.278	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.012	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-43-9	**Cadmium**	**3.18**		mg/kg dry	0.151	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-70-2	**Calcium**	**34600**		mg/kg dry	0.050	2.32	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-47-3	**Chromium**	**19.8**		mg/kg dry	0.093	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-48-4	**Cobalt**	**9.03**		mg/kg dry	0.093	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-50-8	**Copper**	**43.7**		mg/kg dry	0.162	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7439-89-6	**Iron**	**24300**		mg/kg dry	0.638	1.16	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7439-92-1	**Lead**	**499**		mg/kg dry	0.116	0.348	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7439-95-4	**Magnesium**	**6660**		mg/kg dry	0.951	2.32	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7439-96-5	**Manganese**	**413**		mg/kg dry	0.093	1.16	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-02-0	**Nickel**	**21.0**		mg/kg dry	0.081	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-09-7	**Potassium**	**2860**		mg/kg dry	3.15	11.6	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7782-49-2	**Selenium**	**2.55**		mg/kg dry	0.245	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-22-4	Silver	ND		mg/kg dry	0.104	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-23-5	**Sodium**	**463**	B	mg/kg dry	7.79	11.6	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-28-0	Thallium	ND		mg/kg dry	0.220	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-62-2	**Vanadium**	**33.3**		mg/kg dry	0.093	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-66-6	**Zinc**	**1100**		mg/kg dry	0.081	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW

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	0.112	0.116	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**86.3**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.87	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.52	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
67-66-3	Chloroform	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.92	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-09-2	**Methylene chloride**	**26**	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.75	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.59	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
108-88-3	Toluene	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	99.2	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	79.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	86.7	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	62.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	89.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	74.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	58.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	153	364	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	79.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	86.7	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	55.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	106	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	63.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	67.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	62.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	81.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	66.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	138	364	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	75.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	19.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	71.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	60.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	65.8	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
83-32-9	Acenaphthene	ND		ug/kg dry	105	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	51.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	65.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
120-12-7	**Anthracene**	**68.8**	J	ug/kg dry	45.1	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
56-55-3	**Benzo(a)anthracene**	**340**		ug/kg dry	70.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
50-32-8	**Benzo(a)pyrene**	**287**		ug/kg dry	47.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
205-99-2	**Benzo(b)fluoranthene**	**288**		ug/kg dry	69.3	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
191-24-2	**Benzo(g,h,i)perylene**	**89.9**	J	ug/kg dry	54.7	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
207-08-9	**Benzo(k)fluoranthene**	**257**		ug/kg dry	70.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	58.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	75.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	67.1	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	61.8	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	60.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
218-01-9	**Chrysene**	**409**		ug/kg dry	73.3	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	58.7	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	95.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	54.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	81.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
206-44-0	**Fluoranthene**	**619**		ug/kg dry	105	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
86-73-7	Fluorene	ND		ug/kg dry	51.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.7	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.8	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	135	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	65.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**108**	J	ug/kg dry	67.1	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
78-59-1	Isophorone	ND		ug/kg dry	67.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
91-20-3	Naphthalene	ND		ug/kg dry	54.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	81.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	65.8	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	105	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
85-01-8	**Phenanthrene**	**246**		ug/kg dry	67.1	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	72.8	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
129-00-0	**Pyrene**	**564**		ug/kg dry	65.3	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
110-86-1	Pyridine	ND		ug/kg dry	71.1	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**7.21**		ug/kg dry	1.61	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
72-55-9	**4,4'-DDE**	**3.60**		ug/kg dry	2.06	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
50-29-3	**4,4'-DDT**	**8.35**		ug/kg dry	1.62	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
309-00-2	Aldrin	ND		ug/kg dry	2.30	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
319-84-6	alpha-BHC	ND		ug/kg dry	2.72	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
12674-11-2	Aroclor 1016	ND		ug/kg dry	86.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
11104-28-2	Aroclor 1221	ND		ug/kg dry	86.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
11141-16-5	Aroclor 1232	ND		ug/kg dry	86.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
53469-21-9	Aroclor 1242	ND		ug/kg dry	86.3	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
12672-29-6	Aroclor 1248	ND		ug/kg dry	86.3	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
11097-69-1	Aroclor 1254	ND		ug/kg dry	74.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
11096-82-5	Aroclor 1260	ND		ug/kg dry	74.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
319-85-7	beta-BHC	ND		ug/kg dry	2.27	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
57-74-9	Chlordane, total	ND		ug/kg dry	14.4	14.4	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
319-86-8	delta-BHC	ND		ug/kg dry	1.97	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
60-57-1	Dieldrin	ND		ug/kg dry	2.13	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
33213-65-9	Endosulfan II	ND		ug/kg dry	2.21	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
72-20-8	Endrin	ND		ug/kg dry	2.18	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.42	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
53494-70-5	Endrin ketone	ND		ug/kg dry	1.58	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.50	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
76-44-8	Heptachlor	ND		ug/kg dry	2.87	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.58	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
72-43-5	Methoxychlor	ND		ug/kg dry	9.29	18.0	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
1336-36-3	Total PCBs	ND		ug/kg dry	74.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
8001-35-2	Toxaphene	ND		ug/kg dry	360	360	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9490**		mg/kg dry	1.38	2.18	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-36-0	Antimony	ND		mg/kg dry	0.153	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-38-2	**Arsenic**	**5.20**		mg/kg dry	0.207	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-39-3	**Barium**	**147**		mg/kg dry	0.262	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.142	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-70-2	**Calcium**	**21900**		mg/kg dry	0.047	2.18	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-47-3	**Chromium**	**19.9**		mg/kg dry	0.087	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-48-4	**Cobalt**	**6.67**		mg/kg dry	0.087	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-50-8	**Copper**	**33.1**		mg/kg dry	0.153	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7439-89-6	**Iron**	**15700**		mg/kg dry	0.601	1.09	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7439-92-1	**Lead**	**139**		mg/kg dry	0.109	0.328	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7439-95-4	**Magnesium**	**5440**		mg/kg dry	0.895	2.18	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7439-96-5	**Manganese**	**378**		mg/kg dry	0.087	1.09	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-02-0	**Nickel**	**17.6**		mg/kg dry	0.076	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-09-7	**Potassium**	**2050**		mg/kg dry	2.97	10.9	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7782-49-2	**Selenium**	**1.99**		mg/kg dry	0.230	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.098	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-23-5	**Sodium**	**640**	B	mg/kg dry	7.34	10.9	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-28-0	Thallium	ND		mg/kg dry	0.207	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-62-2	**Vanadium**	**30.4**		mg/kg dry	0.087	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-66-6	**Zinc**	**172**		mg/kg dry	0.076	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW

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	0.106	0.109	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**91.6**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.99	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.59	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.99	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
67-66-3	Chloroform	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-09-2	**Methylene chloride**	**28**	B	ug/kg dry	2.8	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.86	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.67	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
108-88-3	Toluene	ND		ug/kg dry	0.61	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.8	37	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	112	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	90.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	98.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	70.7	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	56.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	101	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	84.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	66.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	173	412	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	90.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	98.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	63.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	120	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	71.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	75.9	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	70.7	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	92.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	51.9	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	74.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	156	412	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	86.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	22.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	81.4	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	59.4	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	68.5	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	74.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
83-32-9	Acenaphthene	ND		ug/kg dry	119	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	57.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	74.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
120-12-7	Anthracene	ND		ug/kg dry	51.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
56-55-3	**Benzo(a)anthracene**	**80.8**	J	ug/kg dry	79.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
50-32-8	**Benzo(a)pyrene**	**90.3**	J	ug/kg dry	53.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	78.5	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	62.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	79.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	66.7	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	86.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	76.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	70.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	76.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	69.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
218-01-9	Chrysene	ND		ug/kg dry	83.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	66.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	108	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	59.4	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	61.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	92.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
206-44-0	Fluoranthene	ND		ug/kg dry	119	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
86-73-7	Fluorene	ND		ug/kg dry	57.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	33.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	82.5	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	153	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	74.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	76.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
78-59-1	Isophorone	ND		ug/kg dry	76.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
91-20-3	Naphthalene	ND		ug/kg dry	61.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	92.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	74.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	119	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	57.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
85-01-8	Phenanthrene	ND		ug/kg dry	76.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	82.5	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
129-00-0	**Pyrene**	**113**	J	ug/kg dry	74.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
110-86-1	Pyridine	ND		ug/kg dry	80.5	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.34	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
309-00-2	Aldrin	ND		ug/kg dry	2.61	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.08	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.77	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.77	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.77	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.77	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.77	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	8.41	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	8.41	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.57	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	16.3	16.3	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.23	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.41	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.50	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.09	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
72-20-8	Endrin	ND		ug/kg dry	2.47	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.75	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.83	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.25	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.5	20.4	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.41	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
8001-35-2	Toxaphene	ND		ug/kg dry	408	408	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12000**		mg/kg dry	1.56	2.47	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-36-0	Antimony	ND		mg/kg dry	0.173	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-38-2	**Arsenic**	**4.80**		mg/kg dry	0.235	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-39-3	**Barium**	**68.0**		mg/kg dry	0.297	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.012	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.161	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-70-2	**Calcium**	**2350**		mg/kg dry	0.054	2.47	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-47-3	**Chromium**	**17.1**		mg/kg dry	0.099	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-48-4	**Cobalt**	**10.1**		mg/kg dry	0.099	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-50-8	**Copper**	**22.4**		mg/kg dry	0.173	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7439-89-6	**Iron**	**18700**		mg/kg dry	0.680	1.24	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7439-92-1	**Lead**	**40.5**		mg/kg dry	0.124	0.371	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7439-95-4	**Magnesium**	**3780**		mg/kg dry	1.01	2.47	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7439-96-5	**Manganese**	**464**		mg/kg dry	0.099	1.24	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-02-0	**Nickel**	**20.4**		mg/kg dry	0.087	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-09-7	**Potassium**	**1380**		mg/kg dry	3.36	12.4	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7782-49-2	**Selenium**	**2.28**		mg/kg dry	0.261	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-22-4	Silver	ND		mg/kg dry	0.111	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-23-5	**Sodium**	**280**	B	mg/kg dry	8.31	12.4	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-28-0	Thallium	ND		mg/kg dry	0.235	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-62-2	**Vanadium**	**27.0**		mg/kg dry	0.099	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-66-6	**Zinc**	**63.4**		mg/kg dry	0.087	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW

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	0.120	0.124	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**80.8**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.95	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.4	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.56	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.95	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.2	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.90	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
67-66-3	Chloroform	ND		ug/kg dry	0.92	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.90	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.90	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.97	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-09-2	**Methylene chloride**	**29**	B	ug/kg dry	2.7	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.82	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.64	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
108-88-3	Toluene	ND		ug/kg dry	0.59	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.7	36	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	108	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	86.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	94.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	67.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	53.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	96.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	80.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	63.4	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	166	395	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	86.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	94.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	60.4	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	115	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	68.9	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	72.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	67.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	89.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	49.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	71.7	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	149	395	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	82.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	21.3	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	78.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	57.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	65.7	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	71.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
83-32-9	Acenaphthene	ND		ug/kg dry	115	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	55.4	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	71.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
120-12-7	Anthracene	ND		ug/kg dry	49.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	76.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.6	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	75.3	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	59.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	76.6	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	64.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	82.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	72.9	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	67.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	73.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	66.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
218-01-9	Chrysene	ND		ug/kg dry	79.7	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	63.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	104	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	57.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	59.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	89.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
206-44-0	Fluoranthene	ND		ug/kg dry	115	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
86-73-7	Fluorene	ND		ug/kg dry	55.4	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	32.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	79.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	147	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	71.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	72.9	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
78-59-1	Isophorone	ND		ug/kg dry	73.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
91-20-3	Naphthalene	ND		ug/kg dry	59.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	89.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	71.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.6	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	115	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	55.4	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
85-01-8	Phenanthrene	ND		ug/kg dry	73.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	79.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
129-00-0	**Pyrene**	**90.6**	J	ug/kg dry	71.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
110-86-1	Pyridine	ND		ug/kg dry	77.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.24	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
309-00-2	Aldrin	ND		ug/kg dry	2.50	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.95	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.37	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.37	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.37	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.37	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.37	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	8.07	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	8.07	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.47	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
57-74-9	Chlordane, total	ND		ug/kg dry	15.7	15.7	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.14	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.31	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.40	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
72-20-8	Endrin	ND		ug/kg dry	2.37	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.63	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.72	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.12	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	19.6	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.07	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
8001-35-2	Toxaphene	ND		ug/kg dry	392	392	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13400**		mg/kg dry	1.49	2.37	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-36-0	Antimony	ND		mg/kg dry	0.166	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-38-2	**Arsenic**	**3.66**		mg/kg dry	0.225	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-39-3	**Barium**	**88.0**		mg/kg dry	0.285	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.012	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.154	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-70-2	**Calcium**	**3720**		mg/kg dry	0.051	2.37	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-47-3	**Chromium**	**21.2**		mg/kg dry	0.095	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-48-4	**Cobalt**	**8.02**		mg/kg dry	0.095	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-50-8	**Copper**	**20.2**		mg/kg dry	0.166	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7439-89-6	**Iron**	**18000**		mg/kg dry	0.653	1.19	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7439-92-1	**Lead**	**59.1**		mg/kg dry	0.119	0.356	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7439-95-4	**Magnesium**	**3310**		mg/kg dry	0.973	2.37	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7439-96-5	**Manganese**	**309**		mg/kg dry	0.095	1.19	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-02-0	**Nickel**	**18.9**		mg/kg dry	0.083	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-09-7	**Potassium**	**1260**		mg/kg dry	3.23	11.9	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7782-49-2	**Selenium**	**2.24**		mg/kg dry	0.250	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-22-4	Silver	ND		mg/kg dry	0.107	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-23-5	**Sodium**	**248**	B	mg/kg dry	7.97	11.9	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-28-0	Thallium	ND		mg/kg dry	0.225	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-62-2	**Vanadium**	**30.1**		mg/kg dry	0.095	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-66-6	**Zinc**	**41.5**		mg/kg dry	0.083	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW

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	0.115	0.119	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**84.3**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.98	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.84	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.50	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-25-2	Bromoform	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.80	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
67-66-3	Chloroform	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.80	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.80	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.98	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-09-2	**Methylene chloride**	**19**	J, B	ug/kg dry	2.4	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.73	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.57	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
100-42-5	Styrene	ND		ug/kg dry	0.98	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
108-88-3	Toluene	ND		ug/kg dry	0.52	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.4	32	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	479	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	385	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	419	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	301	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	239	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	430	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	359	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	282	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	738	1760	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	385	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
606-20-2	**2,6-Dinitrotoluene**	**2590**		ug/kg dry	419	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	268	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	512	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	306	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	323	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	301	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	395	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	221	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	319	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	664	1760	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	367	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	94.7	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	347	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	253	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	292	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	318	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
83-32-9	Acenaphthene	ND		ug/kg dry	509	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	246	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	316	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
120-12-7	**Anthracene**	**229**	J	ug/kg dry	218	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
56-55-3	**Benzo(a)anthracene**	**1110**		ug/kg dry	340	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
50-32-8	**Benzo(a)pyrene**	**1460**		ug/kg dry	229	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
205-99-2	**Benzo(b)fluoranthene**	**1470**		ug/kg dry	334	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
191-24-2	**Benzo(g,h,i)perylene**	**353**	J	ug/kg dry	264	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
207-08-9	**Benzo(k)fluoranthene**	**1120**		ug/kg dry	340	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	285	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	367	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	324	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	299	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	327	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	294	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
218-01-9	**Chrysene**	**1230**		ug/kg dry	354	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	222	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	284	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	461	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	253	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	263	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	395	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
206-44-0	**Fluoranthene**	**2490**		ug/kg dry	509	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
86-73-7	Fluorene	ND		ug/kg dry	246	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
118-74-1	**Hexachlorobenzene**	**148**	J	ug/kg dry	143	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	352	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	654	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	316	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**392**	J	ug/kg dry	324	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
78-59-1	Isophorone	ND		ug/kg dry	327	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
91-20-3	Naphthalene	ND		ug/kg dry	263	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	395	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	318	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	229	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	509	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	246	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
85-01-8	**Phenanthrene**	**1000**		ug/kg dry	324	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	352	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
129-00-0	**Pyrene**	**2160**		ug/kg dry	315	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
110-86-1	Pyridine	ND		ug/kg dry	343	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**5.98**		ug/kg dry	1.55	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
72-55-9	**4,4'-DDE**	**4.86**		ug/kg dry	1.99	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
50-29-3	**4,4'-DDT**	**42.0**		ug/kg dry	1.56	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
309-00-2	Aldrin	ND		ug/kg dry	2.23	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.63	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	7.17	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.17	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.19	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
57-74-9	**Chlordane, total**	**80.9**		ug/kg dry	13.9	13.9	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.90	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
60-57-1	**Dieldrin**	**19.5**		ug/kg dry	2.06	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.13	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
72-20-8	Endrin	ND		ug/kg dry	2.11	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.34	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.53	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.42	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.77	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.53	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.98	17.4	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.17	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
8001-35-2	Toxaphene	ND		ug/kg dry	348	348	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11500**		mg/kg dry	1.33	2.11	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-36-0	Antimony	ND		mg/kg dry	0.148	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-38-2	**Arsenic**	**7.59**		mg/kg dry	0.200	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-39-3	**Barium**	**485**		mg/kg dry	0.253	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.008	0.011	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.137	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-70-2	**Calcium**	**18900**		mg/kg dry	0.046	2.11	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-47-3	**Chromium**	**22.4**		mg/kg dry	0.084	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-48-4	**Cobalt**	**8.02**		mg/kg dry	0.084	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-50-8	**Copper**	**34.7**		mg/kg dry	0.148	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7439-89-6	**Iron**	**20000**		mg/kg dry	0.580	1.05	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7439-92-1	**Lead**	**190**		mg/kg dry	0.105	0.316	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7439-95-4	**Magnesium**	**5060**		mg/kg dry	0.865	2.11	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7439-96-5	**Manganese**	**272**		mg/kg dry	0.084	1.05	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-02-0	**Nickel**	**21.8**		mg/kg dry	0.074	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-09-7	**Potassium**	**2260**		mg/kg dry	2.87	10.5	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7782-49-2	**Selenium**	**2.50**		mg/kg dry	0.223	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-22-4	Silver	ND		mg/kg dry	0.095	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-23-5	**Sodium**	**383**	B	mg/kg dry	7.09	10.5	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-28-0	Thallium	ND		mg/kg dry	0.200	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-62-2	**Vanadium**	**32.6**		mg/kg dry	0.084	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-66-6	**Zinc**	**357**		mg/kg dry	0.074	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW

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	0.102	0.105	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**94.8**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-8 **York Sample ID:** 11G0701-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.96	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.4	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.57	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-8 **York Sample ID:** 11G0701-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.2	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
67-66-3	Chloroform	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.99	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-09-2	**Methylene chloride**	**25**	B	ug/kg dry	2.7	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.83	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.65	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
108-88-3	Toluene	ND		ug/kg dry	0.60	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-8 **York Sample ID:** 11G0701-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.7	36	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS

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**	**83.3**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.86	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.51	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS

YORK
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Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-25-2	Bromoform	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.81	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
67-66-3	Chloroform	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.81	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.81	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.88	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-09-2	**Methylene chloride**	**21**	B	ug/kg dry	2.5	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
91-20-3	**Naphthalene**	**7.5**	J	ug/kg dry	1.2	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.74	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.58	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
108-88-3	Toluene	ND		ug/kg dry	0.53	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.4	32	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	97.5	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	78.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	85.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	61.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	87.5	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	73.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	57.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	150	358	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	78.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	85.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	54.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	104	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	62.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	65.8	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	61.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	80.5	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	64.9	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	135	358	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	74.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	19.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	70.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	59.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	64.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
83-32-9	Acenaphthene	ND		ug/kg dry	104	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	50.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
62-53-3	Aniline	ND		ug/kg dry	64.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
120-12-7	**Anthracene**	**215**		ug/kg dry	44.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
56-55-3	**Benzo(a)anthracene**	**445**		ug/kg dry	69.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
50-32-8	**Benzo(a)pyrene**	**483**		ug/kg dry	46.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
205-99-2	**Benzo(b)fluoranthene**	**270**		ug/kg dry	68.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
191-24-2	**Benzo(g,h,i)perylene**	**79.1**	J	ug/kg dry	53.8	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
207-08-9	**Benzo(k)fluoranthene**	**360**		ug/kg dry	69.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	57.9	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	74.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	66.0	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	60.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	66.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	59.9	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
218-01-9	**Chrysene**	**459**		ug/kg dry	72.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
53-70-3	**Dibenzo(a,h)anthracene**	**61.9**	J	ug/kg dry	45.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	57.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	93.9	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	80.5	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
206-44-0	**Fluoranthene**	**1080**		ug/kg dry	104	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
86-73-7	**Fluorene**	**70.5**	J	ug/kg dry	50.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	71.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	133	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	64.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**133**	J	ug/kg dry	66.0	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
78-59-1	Isophorone	ND		ug/kg dry	66.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
91-20-3	Naphthalene	ND		ug/kg dry	53.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	80.5	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	64.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	104	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
85-01-8	**Phenanthrene**	**779**		ug/kg dry	66.0	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
108-95-2	Phenol	ND		ug/kg dry	71.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
129-00-0	**Pyrene**	**872**		ug/kg dry	64.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
110-86-1	Pyridine	ND		ug/kg dry	69.9	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.58	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.03	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.59	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
309-00-2	Aldrin	ND		ug/kg dry	2.26	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.67	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	8.48	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	8.48	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	8.48	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	8.48	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	8.48	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	7.30	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.30	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.23	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.2	14.2	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.93	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.09	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.17	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
72-20-8	Endrin	ND		ug/kg dry	2.15	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.38	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.56	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.46	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.82	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.56	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.13	17.7	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.30	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
8001-35-2	Toxaphene	ND		ug/kg dry	354	354	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17200**		mg/kg dry	1.35	2.15	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-36-0	Antimony	ND		mg/kg dry	0.150	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-38-2	**Arsenic**	**2.52**		mg/kg dry	0.204	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-39-3	**Barium**	**207**		mg/kg dry	0.258	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.140	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-70-2	**Calcium**	**9300**		mg/kg dry	0.047	2.15	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-47-3	**Chromium**	**34.8**		mg/kg dry	0.086	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-48-4	**Cobalt**	**17.2**		mg/kg dry	0.086	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-50-8	**Copper**	**24.3**		mg/kg dry	0.150	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7439-89-6	**Iron**	**34100**		mg/kg dry	0.590	1.07	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7439-92-1	**Lead**	**90.3**		mg/kg dry	0.107	0.322	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7439-95-4	**Magnesium**	**7470**		mg/kg dry	0.880	2.15	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7439-96-5	**Manganese**	**307**		mg/kg dry	0.086	1.07	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-02-0	**Nickel**	**33.3**		mg/kg dry	0.075	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-09-7	**Potassium**	**9880**		mg/kg dry	2.92	10.7	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7782-49-2	**Selenium**	**1.82**		mg/kg dry	0.226	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-22-4	Silver	ND		mg/kg dry	0.097	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-23-5	**Sodium**	**407**	B	mg/kg dry	7.21	10.7	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-28-0	Thallium	ND		mg/kg dry	0.204	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-62-2	**Vanadium**	**49.4**		mg/kg dry	0.086	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-66-6	**Zinc**	**184**		mg/kg dry	0.075	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

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	0.104	0.107	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	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**	**93.2**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.0	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.7	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.62	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.0	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
71-43-2	Benzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.6	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-25-2	Bromoform	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.98	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
67-66-3	Chloroform	ND		ug/kg dry	1.0	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.98	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.98	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.1	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.1	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-09-2	**Methylene chloride**	**25**	J, B	ug/kg dry	3.0	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.4	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.90	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.70	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
100-42-5	Styrene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	0.64	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.9	39	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	118	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	94.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	103	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	74.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	58.8	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	106	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	88.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	69.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	181	432	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	94.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	103	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	66.0	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	126	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	75.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	79.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	74.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	97.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	54.4	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	78.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	163	432	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	90.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	23.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	85.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	62.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitroaniline	ND		ug/kg dry	71.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	78.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
83-32-9	Acenaphthene	ND		ug/kg dry	125	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	60.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
62-53-3	Aniline	ND		ug/kg dry	77.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
120-12-7	Anthracene	ND		ug/kg dry	53.6	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	83.6	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
50-32-8	**Benzo(a)pyrene**	**57.0**	J	ug/kg dry	56.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	82.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	64.9	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	83.6	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	69.9	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	90.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	79.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	73.4	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	80.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	72.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
218-01-9	Chrysene	ND		ug/kg dry	87.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	54.6	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	69.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	113	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	62.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	64.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	97.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
206-44-0	Fluoranthene	ND		ug/kg dry	125	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
86-73-7	Fluorene	ND		ug/kg dry	60.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	35.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	86.4	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	161	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	77.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	79.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
78-59-1	Isophorone	ND		ug/kg dry	80.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
91-20-3	Naphthalene	ND		ug/kg dry	64.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	97.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	78.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	56.4	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	125	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	60.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
85-01-8	Phenanthrene	ND		ug/kg dry	79.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
108-95-2	Phenol	ND		ug/kg dry	86.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
129-00-0	**Pyrene**	**91.6**	J	ug/kg dry	77.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
110-86-1	Pyridine	ND		ug/kg dry	84.4	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.45	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
309-00-2	Aldrin	ND		ug/kg dry	2.73	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.23	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	10.2	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	10.2	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	10.2	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	10.2	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	10.2	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	8.81	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	8.81	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.70	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	17.1	17.1	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.33	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.53	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.07	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.62	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.19	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
72-20-8	Endrin	ND		ug/kg dry	2.59	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.88	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.97	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.41	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	11.0	21.4	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.81	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
8001-35-2	Toxaphene	ND		ug/kg dry	428	428	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14000**		mg/kg dry	1.63	2.59	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-36-0	Antimony	ND		mg/kg dry	0.181	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-38-2	**Arsenic**	**4.59**		mg/kg dry	0.246	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-39-3	**Barium**	**106**		mg/kg dry	0.311	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.013	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.168	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-70-2	**Calcium**	**3050**		mg/kg dry	0.056	2.59	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-47-3	**Chromium**	**18.2**		mg/kg dry	0.104	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-48-4	**Cobalt**	**7.48**		mg/kg dry	0.104	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-50-8	**Copper**	**18.7**		mg/kg dry	0.181	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7439-89-6	**Iron**	**18300**		mg/kg dry	0.713	1.30	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7439-92-1	**Lead**	**87.2**		mg/kg dry	0.130	0.389	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7439-95-4	**Magnesium**	**3720**		mg/kg dry	1.06	2.59	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7439-96-5	**Manganese**	**232**		mg/kg dry	0.104	1.30	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-02-0	**Nickel**	**17.7**		mg/kg dry	0.091	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-09-7	**Potassium**	**1260**		mg/kg dry	3.53	13.0	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7782-49-2	**Selenium**	**2.95**		mg/kg dry	0.273	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-22-4	Silver	ND		mg/kg dry	0.117	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-23-5	**Sodium**	**321**	B	mg/kg dry	8.71	13.0	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-28-0	Thallium	ND		mg/kg dry	0.246	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-62-2	**Vanadium**	**21.1**		mg/kg dry	0.104	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-66-6	**Zinc**	**106**		mg/kg dry	0.091	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

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	0.126	0.130	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	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**	**77.2**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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	ND		ug/m³	0.18	0.98	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.30	1.2	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.096	1.4	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
79-00-5	**1,1,2-Trichloroethane**	**4.0**		ug/m³	0.24	0.98	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.087	0.73	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	0.71	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.29	1.3	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
95-63-6	**1,2,4-Trimethylbenzene**	**19**		ug/m³	0.11	0.88	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.27	1.1	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.17	0.73	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.18	0.83	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.21	1.3	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
108-67-8	**1,3,5-Trimethylbenzene**	**7.2**		ug/m³	0.11	0.88	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.12	0.78	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.19	1.1	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.24	1.1	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.65	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
540-84-1	**2,2,4-Trimethylpentane**	**1.3**		ug/m³	0.10	0.84	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
78-93-3	**2-Butanone**	**67**		ug/m³	0.21	0.53	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
591-78-6	**2-Hexanone**	**2.6**		ug/m³	0.40	0.73	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
107-05-1	3-Chloropropene	ND		ug/m³	0.10	0.56	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
108-10-1	**4-Methyl-2-pentanone**	**7.2**		ug/m³	0.26	0.73	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
67-64-1	**Acetone**	**200**	B-Art	ug/m³	0.13	0.43	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
71-43-2	**Benzene**	**8.1**		ug/m³	0.086	0.57	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.93	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.27	1.1	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-25-2	Bromoform	ND		ug/m³	0.33	1.9	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
74-83-9	Bromomethane	ND		ug/m³	0.084	0.70	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-15-0	**Carbon disulfide**	**30**		ug/m³	0.067	0.56	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.14	0.56	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.15	0.83	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-00-3	Chloroethane	ND		ug/m³	0.057	0.47	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
67-66-3	**Chloroform**	**5.8**		ug/m³	0.13	0.87	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
74-87-3	**Chloromethane**	**0.89**		ug/m³	0.11	0.37	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	0.71	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.20	0.81	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
110-82-7	**Cyclohexane**	**2.0**		ug/m³	0.074	0.62	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-71-8	**Dichlorodifluoromethane**	**3.4**		ug/m³	0.22	0.89	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
141-78-6	**Ethyl acetate**	**75**		ug/m³	0.16	0.65	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
100-41-4	**Ethyl Benzene**	**4.4**		ug/m³	0.14	0.78	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.34	1.9	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
67-63-0	**Isopropanol**	**1.1**		ug/m³	0.15	0.44	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.077	0.64	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-09-2	Methylene chloride	ND	B-Art	ug/m³	0.15	3.1	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
142-82-5	**n-Heptane**	**3.8**		ug/m³	0.088	0.73	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
110-54-3	**n-Hexane**	**5.9**		ug/m³	0.076	0.63	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
95-47-6	**o-Xylene**	**4.8**		ug/m³	0.14	0.78	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
1330-20-7P/M	**p- & m- Xylenes**	**18**		ug/m³	0.26	0.78	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
622-96-8	**p-Ethyltoluene**	**12**		ug/m³	0.16	0.88	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
115-07-01	**Propylene**	**29**		ug/m³	0.14	0.31	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
100-42-5	**Styrene**	**4.8**		ug/m³	0.14	0.76	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
127-18-4	**Tetrachloroethylene**	**8.0**		ug/m³	0.15	1.2	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
109-99-9	**Tetrahydrofuran**	**53**		ug/m³	0.13	0.53	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
108-88-3	**Toluene**	**11**		ug/m³	0.16	0.68	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.085	0.71	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.15	0.81	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.48	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.9**		ug/m³	0.060	1.0	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.095	0.63	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
593-60-2	Vinyl bromide	ND		ug/m³	0.12	0.78	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.46	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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	ND		ug/m³	0.18	0.99	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.30	1.2	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.098	1.4	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
79-00-5	**1,1,2-Trichloroethane**	**3.3**		ug/m³	0.25	0.99	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.088	0.74	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	0.72	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.30	1.3	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
95-63-6	**1,2,4-Trimethylbenzene**	**20**		ug/m³	0.11	0.89	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.27	1.1	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.18	0.74	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
78-87-5	**1,2-Dichloropropane**	**8.3**		ug/m³	0.18	0.84	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
76-14-2	**1,2-Dichlorotetrafluoroethane**	**2.2**		ug/m³	0.22	1.3	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
108-67-8	**1,3,5-Trimethylbenzene**	**6.6**		ug/m³	0.12	0.89	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
106-99-0	**1,3-Butadiene**	**4.8**		ug/m³	0.12	0.79	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.20	1.1	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.24	1.1	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.59	0.65	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
540-84-1	**2,2,4-Trimethylpentane**	**1.6**		ug/m³	0.10	0.85	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
78-93-3	**2-Butanone**	**34**		ug/m³	0.21	0.54	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
591-78-6	**2-Hexanone**	**3.6**		ug/m³	0.41	0.74	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
107-05-1	3-Chloropropene	ND		ug/m³	0.10	0.57	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
108-10-1	**4-Methyl-2-pentanone**	**41**		ug/m³	0.27	0.74	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
67-64-1	**Acetone**	**160**		ug/m³	0.13	0.43	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
71-43-2	**Benzene**	**8.1**		ug/m³	0.087	0.58	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.94	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.27	1.1	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-25-2	Bromoform	ND		ug/m³	0.34	1.9	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
74-83-9	Bromomethane	ND		ug/m³	0.085	0.71	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-15-0	**Carbon disulfide**	**19**		ug/m³	0.068	0.57	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.14	0.57	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
108-90-7	**Chlorobenzene**	**4.1**		ug/m³	0.15	0.84	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-00-3	Chloroethane	ND		ug/m³	0.058	0.48	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
67-66-3	**Chloroform**	**32**		ug/m³	0.13	0.89	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
74-87-3	**Chloromethane**	**0.75**		ug/m³	0.11	0.38	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
156-59-2	**cis-1,2-Dichloroethylene**	**17**		ug/m³	0.12	0.72	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.21	0.82	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
110-82-7	**Cyclohexane**	**2.8**		ug/m³	0.075	0.63	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-71-8	**Dichlorodifluoromethane**	**3.0**		ug/m³	0.22	0.90	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
141-78-6	**Ethyl acetate**	**39**		ug/m³	0.16	0.65	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
100-41-4	**Ethyl Benzene**	**5.5**		ug/m³	0.14	0.79	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.35	1.9	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
67-63-0	**Isopropanol**	**2.6**		ug/m³	0.16	0.45	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.078	0.65	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-09-2	Methylene chloride	ND		ug/m³	0.15	3.2	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
142-82-5	**n-Heptane**	**13**		ug/m³	0.089	0.74	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
110-54-3	**n-Hexane**	**10**		ug/m³	0.077	0.64	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
95-47-6	**o-Xylene**	**6.2**		ug/m³	0.14	0.79	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
1330-20-7P/M	**p- & m- Xylenes**	**21**		ug/m³	0.27	0.79	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
622-96-8	**p-Ethyltoluene**	**13**		ug/m³	0.16	0.89	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
115-07-01	**Propylene**	**42**		ug/m³	0.14	0.31	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
100-42-5	Styrene	ND		ug/m³	0.14	0.77	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
127-18-4	**Tetrachloroethylene**	**54**		ug/m³	0.15	1.2	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
109-99-9	**Tetrahydrofuran**	**7.9**		ug/m³	0.13	0.54	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
108-88-3	**Toluene**	**20**		ug/m³	0.16	0.68	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.086	0.72	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.15	0.82	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
79-01-6	**Trichloroethylene**	**4.1**		ug/m³	0.12	0.49	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.9**		ug/m³	0.061	1.0	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
108-05-4	**Vinyl acetate**	**5.8**		ug/m³	0.096	0.64	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
593-60-2	Vinyl bromide	ND		ug/m³	0.12	0.80	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.46	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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	ND		ug/m³	1.8	10	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.0	13	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.99	14	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.5	10	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.90	7.5	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.1	7.3	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.0	14	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
95-63-6	**1,2,4-Trimethylbenzene**	**39**		ug/m³	1.1	9.1	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.8	11	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.8	7.5	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
78-87-5	**1,2-Dichloropropane**	**17**		ug/m³	1.9	8.5	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.2	13	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.2	9.1	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
106-99-0	**1,3-Butadiene**	**63**		ug/m³	1.2	8.0	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.0	11	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.4	11	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.0	6.7	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
540-84-1	**2,2,4-Trimethylpentane**	**82**		ug/m³	1.0	8.6	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
78-93-3	**2-Butanone**	**47**		ug/m³	2.2	5.5	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
591-78-6	2-Hexanone	ND		ug/m³	4.2	7.6	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
107-05-1	3-Chloropropene	ND		ug/m³	1.0	5.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.7	7.6	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
67-64-1	**Acetone**	**260**		ug/m³	1.4	4.4	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
71-43-2	**Benzene**	**28**		ug/m³	0.89	5.9	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.1	9.6	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-27-4	Bromodichloromethane	ND		ug/m³	2.8	11	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-25-2	Bromoform	ND		ug/m³	3.4	19	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
74-83-9	Bromomethane	ND		ug/m³	0.86	7.2	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-15-0	**Carbon disulfide**	**40**		ug/m³	0.69	5.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.4	5.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.5	8.5	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-00-3	Chloroethane	ND		ug/m³	0.59	4.9	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
67-66-3	**Chloroform**	**9.0**		ug/m³	1.4	9.0	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
74-87-3	**Chloromethane**	**41**		ug/m³	1.1	3.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.2	7.3	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.1	8.4	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
110-82-7	**Cyclohexane**	**11**		ug/m³	0.76	6.4	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.3	9.1	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
141-78-6	**Ethyl acetate**	**53**		ug/m³	1.7	6.7	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
100-41-4	**Ethyl Benzene**	**14**		ug/m³	1.4	8.0	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.6	20	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
67-63-0	Isopropanol	ND		ug/m³	1.6	4.5	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.80	6.7	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-09-2	Methylene chloride	ND		ug/m³	1.5	32	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
142-82-5	**n-Heptane**	**500**		ug/m³	0.91	7.6	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
110-54-3	**n-Hexane**	**850**		ug/m³	0.78	6.5	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
95-47-6	o-Xylene	ND		ug/m³	1.4	8.0	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
1330-20-7P/M	**p- & m- Xylenes**	**18**		ug/m³	2.7	8.0	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
622-96-8	**p-Ethyltoluene**	**11**		ug/m³	1.6	9.1	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
115-07-01	**Propylene**	**490**		ug/m³	1.5	3.2	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
100-42-5	Styrene	ND		ug/m³	1.4	7.9	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
127-18-4	**Tetrachloroethylene**	**90**		ug/m³	1.5	13	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
109-99-9	**Tetrahydrofuran**	**190**		ug/m³	1.4	5.5	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
108-88-3	**Toluene**	**20**		ug/m³	1.7	7.0	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.88	7.3	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.5	8.4	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
79-01-6	Trichloroethylene	ND		ug/m³	1.2	5.0	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.62	10	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
108-05-4	**Vinyl acetate**	**470**		ug/m³	0.98	6.5	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
593-60-2	Vinyl bromide	ND		ug/m³	1.2	8.1	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-01-4	Vinyl Chloride	ND		ug/m³	1.1	4.7	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B-Art	Methylene chloride and acetone are common airborne laboratory artifacts. This flag alerts the user that these compounds were detected at or above the MDL but below the RL in the batch method blank, and related samples are qualified to indicate this.
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

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. 11G0701

Client Information		Report to:		Invoice To:		Client Project ID	Turn-Around Time		Report Type/Deliverables	
Company:	Ecosystems Strategies	SAME	X	SAME	X	LM09015.50	RUSH Same Day		Summary	X
Address:	24 Davis Ave	Name:		Name:	Brenda		RUSH Next Day		QA/QC Summary	
	Poughkeepsie, NY	Company:		Company:			RUSH Two Day		CT RCP Pkg	
Phone no.:	845-452-1658	Address:		Address:		Purchase Order no.	RUSH Three Day		ASP A Pkg	
Contact Person	Adam						RUSH Four Day		ASP B Pkg	
E-mail Addr.:		E-mail:		E-mail			Standard (5-7 days)	X	Excel	
FAX No.:		Fax No.:		Fax No.:		Samples from: CT__ NY X NJ__	OTHER		EDD	

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)

Adam Atkinson
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	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Reactive	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded Not Drinking Waters	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-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	NYSLDC 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)
SG-1	7-18-2011	S	8260, 8270, TAL, 8081, 8082	(1) 2oz (1) 8oz
SG-2	↓	↓	↓	↓
SG-3				
B-4				
B-5				
B-6				
B-7				
B-8	7-19-2011		8260	(1) 2oz
B-9	↓	↓	8260, 8270, TAL, 8081, 8082	(1) 2oz (1) 8oz
MW-1			↓	↓

Comments

Preservation "X" those applicable

Cool 4°C X HNO3 ___ H2SO4 ___ NaOH ___ NONE ___ FROZEN ___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	7-21-2011	[signature]	7-21-11 8:40
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[signature]	7/21/11 1445

Temperature on Receipt 4.9°C

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. 11G0701

YOUR Information	Report To:	Invoice To:	YOUR Project ID
Company: Ecosystems Strategies	Company: Same	Company: Brenda	LM09015.50
Address: 24 Davis Ave POK, NY 12603	Address:	Address:	Purchase Order No.
Phone No. 845-452-1658	Phone No.	Phone No.	
Contact Person: Adam	Attention:	Attention:	
E-Mail Address: mail@ecosystems...	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X 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 X
- 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)

Adam Atkinson
Name (printed)

Air Matrix Codes
- A1 - 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
SG-1	7-18-2011	AS	29	7	TO-15	6 Liter Summa canister X Tedlar Bag
SG-2	↓	↓	29	2	↓	6 Liter Summa canister X Tedlar Bag
SG-3	↓	↓	29	3	↓	6 Liter Summa canister X 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

AA — 7-21-2011
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

Chris Cubelli — 7-21-11 3:40
Samples Received By — Date/Time

J. Gale — 7/21/11-1445
Samples Received in LAB by — Date/Time

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Adam Atkinson

Report Date: 08/03/2011
Client Project ID: LM09015.50
York Project (SDG) No.: 11G0701

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: 08/03/2011
Client Project ID: LM09015.50
York Project (SDG) No.: 11G0701

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Adam Atkinson

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 July 21, 2011 and listed below. The project was identified as your project: **LM09015.50**.

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
11G0701-01	SG-1	Soil	07/18/2011	07/21/2011
11G0701-02	SG-2	Soil	07/18/2011	07/21/2011
11G0701-03	SG-3	Soil	07/18/2011	07/21/2011
11G0701-04	B-4	Soil	07/18/2011	07/21/2011
11G0701-05	B-5	Soil	07/18/2011	07/21/2011
11G0701-06	B-6	Soil	07/18/2011	07/21/2011
11G0701-07	B-7	Soil	07/18/2011	07/21/2011
11G0701-08	B-8	Soil	07/19/2011	07/21/2011
11G0701-09	B-9	Soil	07/19/2011	07/21/2011
11G0701-10	MW-1	Soil	07/19/2011	07/21/2011
11G0701-11	SG-1	Soil Vapor	07/18/2011	07/21/2011
11G0701-12	SG-2	Soil Vapor	07/18/2011	07/21/2011
11G0701-13	SG-3	Soil Vapor	07/18/2011	07/21/2011

General Notes for York Project (SDG) No.: 11G0701

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:** 08/03/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.97	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.84	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.50	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.84	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-25-2	Bromoform	ND		ug/kg dry	1.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.79	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.7	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
67-66-3	Chloroform	ND		ug/kg dry	0.81	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	2.0	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.79	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.79	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.97	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.88	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.86	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-09-2	**Methylene chloride**	**22**	B	ug/kg dry	2.4	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.72	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.2	21	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.56	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
100-42-5	Styrene	ND		ug/kg dry	0.97	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.0	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
108-88-3	Toluene	ND		ug/kg dry	0.52	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.5	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	10	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.4	31	2	EPA SW846-8260B	07/28/2011 17:28	07/28/2011 17:28	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	95.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	76.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	83.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	59.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	85.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	71.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	55.9	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	146	348	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	76.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	83.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	53.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	101	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	60.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	64.1	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	59.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	78.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	43.9	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	63.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	132	348	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	72.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	18.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	68.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	57.9	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	63.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
83-32-9	Acenaphthene	ND		ug/kg dry	101	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	48.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
62-53-3	Aniline	ND		ug/kg dry	62.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
120-12-7	**Anthracene**	**74.2**	J	ug/kg dry	43.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	67.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
50-32-8	**Benzo(a)pyrene**	**56.1**	J	ug/kg dry	45.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	66.3	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	52.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	67.5	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	56.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	72.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	64.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	59.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	64.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	58.3	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
218-01-9	**Chrysene**	**85.7**	J	ug/kg dry	70.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	56.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	91.5	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	52.1	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	78.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
206-44-0	**Fluoranthene**	**167**	J	ug/kg dry	101	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
86-73-7	Fluorene	ND		ug/kg dry	48.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	28.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	69.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	130	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	62.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	64.2	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
78-59-1	Isophorone	ND		ug/kg dry	64.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
91-20-3	Naphthalene	ND		ug/kg dry	52.1	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	78.4	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	63.0	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.5	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	101	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.8	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
85-01-8	**Phenanthrene**	**80.8**	J	ug/kg dry	64.3	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
108-95-2	Phenol	ND		ug/kg dry	69.7	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
129-00-0	**Pyrene**	**154**	J	ug/kg dry	62.5	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD
110-86-1	Pyridine	ND		ug/kg dry	68.1	174	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:26	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**3.52**		ug/kg dry	1.54	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
50-29-3	**4,4'-DDT**	**4.30**		ug/kg dry	1.55	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
309-00-2	Aldrin	ND		ug/kg dry	2.21	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
319-84-6	alpha-BHC	ND		ug/kg dry	2.60	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
12674-11-2	Aroclor 1016	ND		ug/kg dry	82.6	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
11104-28-2	Aroclor 1221	ND		ug/kg dry	82.6	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
11141-16-5	Aroclor 1232	ND		ug/kg dry	82.6	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
53469-21-9	Aroclor 1242	ND		ug/kg dry	82.6	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
12672-29-6	Aroclor 1248	ND		ug/kg dry	82.6	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
11097-69-1	Aroclor 1254	ND		ug/kg dry	71.1	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
11096-82-5	Aroclor 1260	ND		ug/kg dry	71.1	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
319-85-7	beta-BHC	ND		ug/kg dry	2.17	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
57-74-9	Chlordane, total	ND		ug/kg dry	13.8	13.8	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
319-86-8	delta-BHC	ND		ug/kg dry	1.88	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
60-57-1	Dieldrin	ND		ug/kg dry	2.04	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
959-98-8	Endosulfan I	ND		ug/kg dry	1.67	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
33213-65-9	Endosulfan II	ND		ug/kg dry	2.11	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
72-20-8	Endrin	ND		ug/kg dry	2.09	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.32	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
53494-70-5	Endrin ketone	ND		ug/kg dry	1.52	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.39	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
76-44-8	Heptachlor	ND		ug/kg dry	2.75	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.52	3.45	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
72-43-5	Methoxychlor	ND		ug/kg dry	8.90	17.2	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
1336-36-3	Total PCBs	ND		ug/kg dry	71.1	178	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB
8001-35-2	Toxaphene	ND		ug/kg dry	345	345	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 16:33	RB

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11100**		mg/kg dry	1.32	2.09	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-36-0	Antimony	ND		mg/kg dry	0.146	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-38-2	**Arsenic**	**5.12**		mg/kg dry	0.199	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-39-3	**Barium**	**132**		mg/kg dry	0.251	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.008	0.010	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.136	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-70-2	**Calcium**	**19500**		mg/kg dry	0.045	2.09	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-47-3	**Chromium**	**19.5**		mg/kg dry	0.084	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-48-4	**Cobalt**	**11.0**		mg/kg dry	0.084	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-50-8	**Copper**	**30.5**		mg/kg dry	0.146	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7439-89-6	**Iron**	**21700**		mg/kg dry	0.575	1.05	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7439-92-1	**Lead**	**145**		mg/kg dry	0.105	0.314	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7439-95-4	**Magnesium**	**4820**		mg/kg dry	0.857	2.09	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7439-96-5	**Manganese**	**346**		mg/kg dry	0.084	1.05	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-02-0	**Nickel**	**20.2**		mg/kg dry	0.073	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-09-7	**Potassium**	**3370**		mg/kg dry	2.84	10.5	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7782-49-2	**Selenium**	**2.23**		mg/kg dry	0.221	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-22-4	Silver	ND		mg/kg dry	0.094	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-23-5	**Sodium**	**372**	B	mg/kg dry	7.02	10.5	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-28-0	Thallium	ND		mg/kg dry	0.199	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-62-2	**Vanadium**	**30.6**		mg/kg dry	0.084	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW
7440-66-6	**Zinc**	**110**		mg/kg dry	0.073	0.523	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:04	MW

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	0.101	0.105	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**95.7**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.89	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.53	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
67-66-3	Chloroform	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.94	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-09-2	**Methylene chloride**	**27**	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.77	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.60	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
108-88-3	Toluene	ND		ug/kg dry	0.55	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	07/28/2011 18:04	07/28/2011 18:04	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	101	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	81.1	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	88.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	63.6	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	90.6	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	75.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	59.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	156	371	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	81.1	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	88.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	56.6	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	108	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	64.5	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	68.2	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	63.6	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	83.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	46.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	67.2	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	140	371	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	77.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	20.0	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	73.2	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	53.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	61.5	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	67.0	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
83-32-9	Acenaphthene	ND		ug/kg dry	107	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	51.9	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	66.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
120-12-7	**Anthracene**	**111**	J	ug/kg dry	45.9	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
56-55-3	**Benzo(a)anthracene**	**483**		ug/kg dry	71.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
50-32-8	**Benzo(a)pyrene**	**547**		ug/kg dry	48.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
205-99-2	**Benzo(b)fluoranthene**	**445**		ug/kg dry	70.5	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
191-24-2	**Benzo(g,h,i)perylene**	**200**		ug/kg dry	55.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
207-08-9	**Benzo(k)fluoranthene**	**461**		ug/kg dry	71.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	60.0	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	77.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	68.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	62.9	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.8	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	62.0	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
218-01-9	**Chrysene**	**777**		ug/kg dry	74.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
53-70-3	**Dibenzo(a,h)anthracene**	**122**	J	ug/kg dry	46.8	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	59.8	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	97.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	53.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	55.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	83.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
206-44-0	**Fluoranthene**	**953**		ug/kg dry	107	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
86-73-7	Fluorene	ND		ug/kg dry	51.9	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	30.2	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	74.1	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	138	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	66.7	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**226**		ug/kg dry	68.3	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
78-59-1	Isophorone	ND		ug/kg dry	68.8	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
91-20-3	Naphthalene	ND		ug/kg dry	55.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	83.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	67.0	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	107	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.9	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
85-01-8	**Phenanthrene**	**426**		ug/kg dry	68.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	74.1	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
129-00-0	**Pyrene**	**897**		ug/kg dry	66.5	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD
110-86-1	Pyridine	ND		ug/kg dry	72.4	185	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 03:57	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**44.8**		ug/kg dry	1.63	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
72-55-9	**4,4'-DDE**	**7.98**		ug/kg dry	2.10	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
50-29-3	**4,4'-DDT**	**37.1**		ug/kg dry	1.65	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
309-00-2	Aldrin	ND		ug/kg dry	2.35	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
319-84-6	alpha-BHC	ND		ug/kg dry	2.77	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
12674-11-2	Aroclor 1016	ND		ug/kg dry	87.8	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
11104-28-2	Aroclor 1221	ND		ug/kg dry	87.8	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
11141-16-5	Aroclor 1232	ND		ug/kg dry	87.8	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
53469-21-9	Aroclor 1242	ND		ug/kg dry	87.8	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
12672-29-6	Aroclor 1248	ND		ug/kg dry	87.8	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
11097-69-1	Aroclor 1254	ND		ug/kg dry	75.6	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
11096-82-5	Aroclor 1260	ND		ug/kg dry	75.6	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
319-85-7	beta-BHC	ND		ug/kg dry	2.31	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
57-74-9	Chlordane, total	ND		ug/kg dry	14.7	14.7	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
319-86-8	delta-BHC	ND		ug/kg dry	2.00	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
60-57-1	Dieldrin	ND		ug/kg dry	2.17	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
33213-65-9	Endosulfan II	ND		ug/kg dry	2.25	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
72-20-8	Endrin	ND		ug/kg dry	2.22	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.47	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
53494-70-5	Endrin ketone	ND		ug/kg dry	1.61	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.55	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
76-44-8	Heptachlor	ND		ug/kg dry	2.92	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.61	3.67	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
72-43-5	Methoxychlor	ND		ug/kg dry	9.46	18.3	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
1336-36-3	Total PCBs	ND		ug/kg dry	75.6	189	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB
8001-35-2	Toxaphene	ND		ug/kg dry	367	367	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:06	RB

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10700**		mg/kg dry	1.40	2.22	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-36-0	Antimony	ND		mg/kg dry	0.156	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-38-2	**Arsenic**	**4.64**		mg/kg dry	0.211	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-39-3	**Barium**	**298**		mg/kg dry	0.267	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.145	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-70-2	**Calcium**	**34300**		mg/kg dry	0.048	2.22	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.089	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-48-4	**Cobalt**	**10.1**		mg/kg dry	0.089	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-50-8	**Copper**	**81.8**		mg/kg dry	0.156	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7439-89-6	**Iron**	**19800**		mg/kg dry	0.611	1.11	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7439-92-1	**Lead**	**248**		mg/kg dry	0.111	0.333	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7439-95-4	**Magnesium**	**7570**		mg/kg dry	0.912	2.22	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7439-96-5	**Manganese**	**277**		mg/kg dry	0.089	1.11	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-02-0	**Nickel**	**26.6**		mg/kg dry	0.078	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-09-7	**Potassium**	**3710**		mg/kg dry	3.02	11.1	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7782-49-2	**Selenium**	**2.64**		mg/kg dry	0.235	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.100	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-23-5	**Sodium**	**572**	B	mg/kg dry	7.47	11.1	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-28-0	Thallium	ND		mg/kg dry	0.211	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-62-2	**Vanadium**	**44.1**		mg/kg dry	0.089	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW
7440-66-6	**Zinc**	**255**		mg/kg dry	0.078	0.556	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:19	MW

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	0.108	0.111	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

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Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**90.0**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.93	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.55	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS

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Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
67-66-3	Chloroform	ND		ug/kg dry	0.90	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.98	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.95	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-09-2	**Methylene chloride**	**33**	B	ug/kg dry	2.7	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
91-20-3	**Naphthalene**	**6.9**	J	ug/kg dry	1.3	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.80	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	23	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.63	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
108-88-3	Toluene	ND		ug/kg dry	0.58	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS

YORK
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Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.6	35	2	EPA SW846-8260B	07/28/2011 18:41	07/28/2011 18:41	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2630	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2110	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2300	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1660	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	1310	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	2360	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1970	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	1550	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	4060	9660	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	2110	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	2300	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1480	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	2810	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1680	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	1780	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	1660	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	2170	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1220	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	1750	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	3650	9660	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	2010	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	521	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	1910	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1390	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	1600	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	1750	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
83-32-9	**Acenaphthene**	**3020**	J	ug/kg dry	2800	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	1350	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	1740	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
120-12-7	**Anthracene**	**10900**		ug/kg dry	1200	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
56-55-3	**Benzo(a)anthracene**	**19800**		ug/kg dry	1870	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
50-32-8	**Benzo(a)pyrene**	**17300**		ug/kg dry	1260	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
205-99-2	**Benzo(b)fluoranthene**	**11600**		ug/kg dry	1840	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
191-24-2	**Benzo(g,h,i)perylene**	**8460**		ug/kg dry	1450	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
207-08-9	**Benzo(k)fluoranthene**	**12500**		ug/kg dry	1870	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	1560	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	2020	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	1780	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1640	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	1790	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1620	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
218-01-9	**Chrysene**	**22600**		ug/kg dry	1950	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
53-70-3	**Dibenzo(a,h)anthracene**	**4160**	J	ug/kg dry	1220	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	1560	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	2540	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	1390	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	1440	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	2170	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
206-44-0	**Fluoranthene**	**36200**		ug/kg dry	2800	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
86-73-7	**Fluorene**	**5310**		ug/kg dry	1350	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	787	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1930	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	3590	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	1740	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**8590**		ug/kg dry	1780	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
78-59-1	Isophorone	ND		ug/kg dry	1790	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
91-20-3	Naphthalene	ND		ug/kg dry	1440	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	2170	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	1750	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	1260	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	2800	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	1350	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
85-01-8	**Phenanthrene**	**33700**		ug/kg dry	1780	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	1930	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
129-00-0	**Pyrene**	**31900**		ug/kg dry	1730	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD
110-86-1	Pyridine	ND		ug/kg dry	1890	4830	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 04:29	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**24.5**		ug/kg dry	1.70	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
72-55-9	**4,4'-DDE**	**9.12**		ug/kg dry	2.19	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
50-29-3	**4,4'-DDT**	**50.9**		ug/kg dry	1.72	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
309-00-2	Aldrin	ND		ug/kg dry	2.45	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
319-84-6	alpha-BHC	ND		ug/kg dry	2.89	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
12674-11-2	Aroclor 1016	ND		ug/kg dry	91.6	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
11104-28-2	Aroclor 1221	ND		ug/kg dry	91.6	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
11141-16-5	Aroclor 1232	ND		ug/kg dry	91.6	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
53469-21-9	Aroclor 1242	ND		ug/kg dry	91.6	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
12672-29-6	Aroclor 1248	ND		ug/kg dry	91.6	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
11097-69-1	Aroclor 1254	ND		ug/kg dry	78.8	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
11096-82-5	Aroclor 1260	ND		ug/kg dry	78.8	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
319-85-7	beta-BHC	ND		ug/kg dry	2.41	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
57-74-9	Chlordane, total	ND		ug/kg dry	15.3	15.3	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
319-86-8	delta-BHC	ND		ug/kg dry	2.09	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
60-57-1	Dieldrin	ND		ug/kg dry	2.26	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
33213-65-9	Endosulfan II	ND		ug/kg dry	2.34	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
72-20-8	Endrin	ND		ug/kg dry	2.32	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.57	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
53494-70-5	Endrin ketone	ND		ug/kg dry	1.68	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.65	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
76-44-8	Heptachlor	ND		ug/kg dry	3.05	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.68	3.83	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
72-43-5	Methoxychlor	ND		ug/kg dry	9.87	19.1	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
1336-36-3	Total PCBs	ND		ug/kg dry	78.8	197	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB
8001-35-2	Toxaphene	ND		ug/kg dry	383	383	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:21	RB

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9870**		mg/kg dry	1.46	2.32	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-36-0	Antimony	ND		mg/kg dry	0.162	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-38-2	**Arsenic**	**8.46**		mg/kg dry	0.220	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-39-3	**Barium**	**1160**		mg/kg dry	0.278	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.012	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-43-9	**Cadmium**	**3.18**		mg/kg dry	0.151	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-70-2	**Calcium**	**34600**		mg/kg dry	0.050	2.32	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-47-3	**Chromium**	**19.8**		mg/kg dry	0.093	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-48-4	**Cobalt**	**9.03**		mg/kg dry	0.093	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-50-8	**Copper**	**43.7**		mg/kg dry	0.162	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7439-89-6	**Iron**	**24300**		mg/kg dry	0.638	1.16	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7439-92-1	**Lead**	**499**		mg/kg dry	0.116	0.348	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7439-95-4	**Magnesium**	**6660**		mg/kg dry	0.951	2.32	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7439-96-5	**Manganese**	**413**		mg/kg dry	0.093	1.16	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-02-0	**Nickel**	**21.0**		mg/kg dry	0.081	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-09-7	**Potassium**	**2860**		mg/kg dry	3.15	11.6	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7782-49-2	**Selenium**	**2.55**		mg/kg dry	0.245	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-22-4	Silver	ND		mg/kg dry	0.104	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-23-5	**Sodium**	**463**	B	mg/kg dry	7.79	11.6	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-28-0	Thallium	ND		mg/kg dry	0.220	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-62-2	**Vanadium**	**33.3**		mg/kg dry	0.093	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW
7440-66-6	**Zinc**	**1100**		mg/kg dry	0.081	0.580	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:24	MW

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	0.112	0.116	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**86.3**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.87	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.52	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
67-66-3	Chloroform	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.92	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-09-2	**Methylene chloride**	**26**	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.75	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.59	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
108-88-3	Toluene	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	07/28/2011 19:17	07/28/2011 19:17	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	99.2	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	79.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	86.7	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	62.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	89.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	74.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	58.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	153	364	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	79.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	86.7	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	55.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	106	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	63.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	67.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	62.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	81.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	66.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	138	364	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	75.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	19.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	71.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	60.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	65.8	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
83-32-9	Acenaphthene	ND		ug/kg dry	105	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	51.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	65.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
120-12-7	**Anthracene**	**68.8**	J	ug/kg dry	45.1	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
56-55-3	**Benzo(a)anthracene**	**340**		ug/kg dry	70.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
50-32-8	**Benzo(a)pyrene**	**287**		ug/kg dry	47.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
205-99-2	**Benzo(b)fluoranthene**	**288**		ug/kg dry	69.3	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
191-24-2	**Benzo(g,h,i)perylene**	**89.9**	J	ug/kg dry	54.7	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
207-08-9	**Benzo(k)fluoranthene**	**257**		ug/kg dry	70.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	58.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	75.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	67.1	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	61.8	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	60.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
218-01-9	**Chrysene**	**409**		ug/kg dry	73.3	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	58.7	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	95.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	54.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	81.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
206-44-0	**Fluoranthene**	**619**		ug/kg dry	105	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
86-73-7	Fluorene	ND		ug/kg dry	51.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.7	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.8	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	135	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	65.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**108**	J	ug/kg dry	67.1	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
78-59-1	Isophorone	ND		ug/kg dry	67.6	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
91-20-3	Naphthalene	ND		ug/kg dry	54.4	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	81.9	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	65.8	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.5	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	105	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.0	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
85-01-8	**Phenanthrene**	**246**		ug/kg dry	67.1	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	72.8	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
129-00-0	**Pyrene**	**564**		ug/kg dry	65.3	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD
110-86-1	Pyridine	ND		ug/kg dry	71.1	182	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 05:00	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**7.21**		ug/kg dry	1.61	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
72-55-9	**4,4'-DDE**	**3.60**		ug/kg dry	2.06	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
50-29-3	**4,4'-DDT**	**8.35**		ug/kg dry	1.62	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
309-00-2	Aldrin	ND		ug/kg dry	2.30	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
319-84-6	alpha-BHC	ND		ug/kg dry	2.72	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
12674-11-2	Aroclor 1016	ND		ug/kg dry	86.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
11104-28-2	Aroclor 1221	ND		ug/kg dry	86.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
11141-16-5	Aroclor 1232	ND		ug/kg dry	86.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
53469-21-9	Aroclor 1242	ND		ug/kg dry	86.3	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
12672-29-6	Aroclor 1248	ND		ug/kg dry	86.3	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
11097-69-1	Aroclor 1254	ND		ug/kg dry	74.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
11096-82-5	Aroclor 1260	ND		ug/kg dry	74.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
319-85-7	beta-BHC	ND		ug/kg dry	2.27	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
57-74-9	Chlordane, total	ND		ug/kg dry	14.4	14.4	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
319-86-8	delta-BHC	ND		ug/kg dry	1.97	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
60-57-1	Dieldrin	ND		ug/kg dry	2.13	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
33213-65-9	Endosulfan II	ND		ug/kg dry	2.21	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
72-20-8	Endrin	ND		ug/kg dry	2.18	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.42	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
53494-70-5	Endrin ketone	ND		ug/kg dry	1.58	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.50	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
76-44-8	Heptachlor	ND		ug/kg dry	2.87	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.58	3.60	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
72-43-5	Methoxychlor	ND		ug/kg dry	9.29	18.0	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
1336-36-3	Total PCBs	ND		ug/kg dry	74.2	186	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB
8001-35-2	Toxaphene	ND		ug/kg dry	360	360	10	EPA SW 846-8081/8082	07/28/2011 08:46	07/28/2011 17:36	RB

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9490**		mg/kg dry	1.38	2.18	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-36-0	Antimony	ND		mg/kg dry	0.153	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-38-2	**Arsenic**	**5.20**		mg/kg dry	0.207	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-39-3	**Barium**	**147**		mg/kg dry	0.262	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.142	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-70-2	**Calcium**	**21900**		mg/kg dry	0.047	2.18	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-47-3	**Chromium**	**19.9**		mg/kg dry	0.087	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-48-4	**Cobalt**	**6.67**		mg/kg dry	0.087	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-50-8	**Copper**	**33.1**		mg/kg dry	0.153	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7439-89-6	**Iron**	**15700**		mg/kg dry	0.601	1.09	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7439-92-1	**Lead**	**139**		mg/kg dry	0.109	0.328	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7439-95-4	**Magnesium**	**5440**		mg/kg dry	0.895	2.18	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7439-96-5	**Manganese**	**378**		mg/kg dry	0.087	1.09	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-02-0	**Nickel**	**17.6**		mg/kg dry	0.076	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-09-7	**Potassium**	**2050**		mg/kg dry	2.97	10.9	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7782-49-2	**Selenium**	**1.99**		mg/kg dry	0.230	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.098	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-23-5	**Sodium**	**640**	B	mg/kg dry	7.34	10.9	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-28-0	Thallium	ND		mg/kg dry	0.207	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-62-2	**Vanadium**	**30.4**		mg/kg dry	0.087	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW
7440-66-6	**Zinc**	**172**		mg/kg dry	0.076	0.546	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:28	MW

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	0.106	0.109	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

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Sample Information

Client Sample ID: B-4 **York Sample ID:** 11G0701-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**91.6**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.99	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.59	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.99	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS

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Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
67-66-3	Chloroform	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-09-2	**Methylene chloride**	**28**	B	ug/kg dry	2.8	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.86	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	25	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.67	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
108-88-3	Toluene	ND		ug/kg dry	0.61	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.8	37	2	EPA SW846-8260B	07/28/2011 19:54	07/28/2011 19:54	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	112	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	90.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	98.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	70.7	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	56.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	101	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	84.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	66.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	173	412	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	90.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	98.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	63.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	120	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	71.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	75.9	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	70.7	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	92.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	51.9	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	74.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	156	412	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	86.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	22.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	81.4	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	59.4	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	68.5	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	74.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
83-32-9	Acenaphthene	ND		ug/kg dry	119	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	57.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	74.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
120-12-7	Anthracene	ND		ug/kg dry	51.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
56-55-3	**Benzo(a)anthracene**	**80.8**	J	ug/kg dry	79.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
50-32-8	**Benzo(a)pyrene**	**90.3**	J	ug/kg dry	53.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	78.5	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	62.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	79.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	66.7	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	86.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	76.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	70.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	76.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	69.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
218-01-9	Chrysene	ND		ug/kg dry	83.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	66.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	108	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	59.4	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	61.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	92.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
206-44-0	Fluoranthene	ND		ug/kg dry	119	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
86-73-7	Fluorene	ND		ug/kg dry	57.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	33.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	82.5	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	153	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	74.2	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	76.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
78-59-1	Isophorone	ND		ug/kg dry	76.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
91-20-3	Naphthalene	ND		ug/kg dry	61.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	92.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	74.6	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	119	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	57.8	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
85-01-8	Phenanthrene	ND		ug/kg dry	76.1	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	82.5	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
129-00-0	**Pyrene**	**113**	J	ug/kg dry	74.0	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD
110-86-1	Pyridine	ND		ug/kg dry	80.5	206	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 06:33	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.34	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
309-00-2	Aldrin	ND		ug/kg dry	2.61	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.08	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.77	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.77	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.77	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.77	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.77	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	8.41	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	8.41	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.57	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	16.3	16.3	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.23	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.41	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.50	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.09	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
72-20-8	Endrin	ND		ug/kg dry	2.47	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.75	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.83	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.25	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	4.08	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.5	20.4	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.41	21.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:00	JW
8001-35-2	Toxaphene	ND		ug/kg dry	408	408	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:16	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-5** **York Sample ID:** **11G0701-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12000**		mg/kg dry	1.56	2.47	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-36-0	Antimony	ND		mg/kg dry	0.173	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-38-2	**Arsenic**	**4.80**		mg/kg dry	0.235	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-39-3	**Barium**	**68.0**		mg/kg dry	0.297	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.012	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.161	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-70-2	**Calcium**	**2350**		mg/kg dry	0.054	2.47	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-47-3	**Chromium**	**17.1**		mg/kg dry	0.099	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-48-4	**Cobalt**	**10.1**		mg/kg dry	0.099	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-50-8	**Copper**	**22.4**		mg/kg dry	0.173	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7439-89-6	**Iron**	**18700**		mg/kg dry	0.680	1.24	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7439-92-1	**Lead**	**40.5**		mg/kg dry	0.124	0.371	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7439-95-4	**Magnesium**	**3780**		mg/kg dry	1.01	2.47	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7439-96-5	**Manganese**	**464**		mg/kg dry	0.099	1.24	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-02-0	**Nickel**	**20.4**		mg/kg dry	0.087	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-09-7	**Potassium**	**1380**		mg/kg dry	3.36	12.4	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7782-49-2	**Selenium**	**2.28**		mg/kg dry	0.261	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-22-4	Silver	ND		mg/kg dry	0.111	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-23-5	**Sodium**	**280**	B	mg/kg dry	8.31	12.4	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-28-0	Thallium	ND		mg/kg dry	0.235	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-62-2	**Vanadium**	**27.0**		mg/kg dry	0.099	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW
7440-66-6	**Zinc**	**63.4**		mg/kg dry	0.087	0.619	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:33	MW

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	0.120	0.124	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 **York Sample ID:** 11G0701-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**80.8**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.95	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.4	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.56	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.95	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.2	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.90	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
67-66-3	Chloroform	ND		ug/kg dry	0.92	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.90	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.90	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.97	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-09-2	**Methylene chloride**	**29**	B	ug/kg dry	2.7	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.82	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	24	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.64	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
108-88-3	Toluene	ND		ug/kg dry	0.59	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.7	36	2	EPA SW846-8260B	07/28/2011 20:30	07/28/2011 20:30	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	108	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	86.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	94.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	67.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	53.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	96.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	80.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	63.4	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	166	395	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	86.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	94.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	60.4	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	115	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	68.9	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	72.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	67.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	89.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	49.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	71.7	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	149	395	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	82.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	21.3	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	78.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	57.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	65.7	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	71.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
83-32-9	Acenaphthene	ND		ug/kg dry	115	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	55.4	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	71.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
120-12-7	Anthracene	ND		ug/kg dry	49.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	76.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.6	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	75.3	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	59.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	76.6	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	64.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	82.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	72.9	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	67.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	73.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	66.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
218-01-9	Chrysene	ND		ug/kg dry	79.7	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	63.8	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	104	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	57.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	59.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	89.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
206-44-0	Fluoranthene	ND		ug/kg dry	115	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
86-73-7	Fluorene	ND		ug/kg dry	55.4	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	32.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	79.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	147	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	71.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	72.9	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
78-59-1	Isophorone	ND		ug/kg dry	73.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
91-20-3	Naphthalene	ND		ug/kg dry	59.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	89.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	71.5	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.6	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	115	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	55.4	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
85-01-8	Phenanthrene	ND		ug/kg dry	73.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	79.1	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
129-00-0	**Pyrene**	**90.6**	J	ug/kg dry	71.0	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD
110-86-1	Pyridine	ND		ug/kg dry	77.2	198	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 07:05	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.24	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
309-00-2	Aldrin	ND		ug/kg dry	2.50	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.95	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.37	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.37	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.37	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.37	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.37	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	8.07	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	8.07	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.47	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
57-74-9	Chlordane, total	ND		ug/kg dry	15.7	15.7	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.14	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.31	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.40	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.01	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
72-20-8	Endrin	ND		ug/kg dry	2.37	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.63	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.72	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.12	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	3.92	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	19.6	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.07	20.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 18:38	JW
8001-35-2	Toxaphene	ND		ug/kg dry	392	392	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:31	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-6** **York Sample ID:** **11G0701-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13400**		mg/kg dry	1.49	2.37	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-36-0	Antimony	ND		mg/kg dry	0.166	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-38-2	**Arsenic**	**3.66**		mg/kg dry	0.225	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-39-3	**Barium**	**88.0**		mg/kg dry	0.285	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.012	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.154	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-70-2	**Calcium**	**3720**		mg/kg dry	0.051	2.37	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-47-3	**Chromium**	**21.2**		mg/kg dry	0.095	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-48-4	**Cobalt**	**8.02**		mg/kg dry	0.095	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-50-8	**Copper**	**20.2**		mg/kg dry	0.166	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7439-89-6	**Iron**	**18000**		mg/kg dry	0.653	1.19	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7439-92-1	**Lead**	**59.1**		mg/kg dry	0.119	0.356	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7439-95-4	**Magnesium**	**3310**		mg/kg dry	0.973	2.37	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7439-96-5	**Manganese**	**309**		mg/kg dry	0.095	1.19	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-02-0	**Nickel**	**18.9**		mg/kg dry	0.083	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-09-7	**Potassium**	**1260**		mg/kg dry	3.23	11.9	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7782-49-2	**Selenium**	**2.24**		mg/kg dry	0.250	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-22-4	Silver	ND		mg/kg dry	0.107	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-23-5	**Sodium**	**248**	B	mg/kg dry	7.97	11.9	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-28-0	Thallium	ND		mg/kg dry	0.225	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-62-2	**Vanadium**	**30.1**		mg/kg dry	0.095	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW
7440-66-6	**Zinc**	**41.5**		mg/kg dry	0.083	0.593	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:50	MW

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	0.115	0.119	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

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Sample Information

Client Sample ID: B-6 **York Sample ID:** 11G0701-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**84.3**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.98	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.84	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.50	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS

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Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-25-2	Bromoform	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.80	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
67-66-3	Chloroform	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.80	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.80	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.98	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-09-2	**Methylene chloride**	**19**	J, B	ug/kg dry	2.4	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.73	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	21	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.57	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
100-42-5	Styrene	ND		ug/kg dry	0.98	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
108-88-3	Toluene	ND		ug/kg dry	0.52	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.4	32	2	EPA SW846-8260B	07/28/2011 21:06	07/28/2011 21:06	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	479	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	385	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	419	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	301	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	239	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	430	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	359	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	282	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	738	1760	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	385	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
606-20-2	**2,6-Dinitrotoluene**	**2590**		ug/kg dry	419	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	268	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	512	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	306	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	323	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	301	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	395	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	221	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	319	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	664	1760	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	367	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	94.7	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	347	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	253	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	292	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	318	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
83-32-9	Acenaphthene	ND		ug/kg dry	509	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	246	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	316	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
120-12-7	**Anthracene**	**229**	J	ug/kg dry	218	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
56-55-3	**Benzo(a)anthracene**	**1110**		ug/kg dry	340	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
50-32-8	**Benzo(a)pyrene**	**1460**		ug/kg dry	229	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
205-99-2	**Benzo(b)fluoranthene**	**1470**		ug/kg dry	334	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
191-24-2	**Benzo(g,h,i)perylene**	**353**	J	ug/kg dry	264	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
207-08-9	**Benzo(k)fluoranthene**	**1120**		ug/kg dry	340	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	285	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	367	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	324	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	299	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	327	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	294	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
218-01-9	**Chrysene**	**1230**		ug/kg dry	354	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	222	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	284	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	461	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	253	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	263	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	395	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
206-44-0	**Fluoranthene**	**2490**		ug/kg dry	509	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
86-73-7	Fluorene	ND		ug/kg dry	246	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
118-74-1	**Hexachlorobenzene**	**148**	J	ug/kg dry	143	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	352	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	654	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	316	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**392**	J	ug/kg dry	324	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
78-59-1	Isophorone	ND		ug/kg dry	327	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
91-20-3	Naphthalene	ND		ug/kg dry	263	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	395	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	318	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	229	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	509	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	246	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
85-01-8	**Phenanthrene**	**1000**		ug/kg dry	324	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	352	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
129-00-0	**Pyrene**	**2160**		ug/kg dry	315	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD
110-86-1	Pyridine	ND		ug/kg dry	343	879	5	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 22:52	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**5.98**		ug/kg dry	1.55	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
72-55-9	**4,4'-DDE**	**4.86**		ug/kg dry	1.99	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
50-29-3	**4,4'-DDT**	**42.0**		ug/kg dry	1.56	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
309-00-2	Aldrin	ND		ug/kg dry	2.23	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.63	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	8.33	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	7.17	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.17	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.19	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
57-74-9	**Chlordane, total**	**80.9**		ug/kg dry	13.9	13.9	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.90	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
60-57-1	**Dieldrin**	**19.5**		ug/kg dry	2.06	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.13	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
72-20-8	Endrin	ND		ug/kg dry	2.11	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.34	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.53	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.42	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.77	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.53	3.48	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.98	17.4	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.17	17.9	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:17	JW
8001-35-2	Toxaphene	ND		ug/kg dry	348	348	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 22:46	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11500**		mg/kg dry	1.33	2.11	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-36-0	Antimony	ND		mg/kg dry	0.148	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-38-2	**Arsenic**	**7.59**		mg/kg dry	0.200	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-39-3	**Barium**	**485**		mg/kg dry	0.253	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.008	0.011	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.137	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-70-2	**Calcium**	**18900**		mg/kg dry	0.046	2.11	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-47-3	**Chromium**	**22.4**		mg/kg dry	0.084	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-48-4	**Cobalt**	**8.02**		mg/kg dry	0.084	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-50-8	**Copper**	**34.7**		mg/kg dry	0.148	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7439-89-6	**Iron**	**20000**		mg/kg dry	0.580	1.05	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7439-92-1	**Lead**	**190**		mg/kg dry	0.105	0.316	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7439-95-4	**Magnesium**	**5060**		mg/kg dry	0.865	2.11	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7439-96-5	**Manganese**	**272**		mg/kg dry	0.084	1.05	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-02-0	**Nickel**	**21.8**		mg/kg dry	0.074	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-09-7	**Potassium**	**2260**		mg/kg dry	2.87	10.5	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7782-49-2	**Selenium**	**2.50**		mg/kg dry	0.223	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-22-4	Silver	ND		mg/kg dry	0.095	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-23-5	**Sodium**	**383**	B	mg/kg dry	7.09	10.5	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-28-0	Thallium	ND		mg/kg dry	0.200	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-62-2	**Vanadium**	**32.6**		mg/kg dry	0.084	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW
7440-66-6	**Zinc**	**357**		mg/kg dry	0.074	0.527	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:54	MW

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	0.102	0.105	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 **York Sample ID:** 11G0701-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 18, 2011 3:00 pm	07/21/2011

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**	**94.8**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-8 **York Sample ID:** 11G0701-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.96	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.4	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.57	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-8** **York Sample ID:** **11G0701-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.2	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
67-66-3	Chloroform	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.99	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-09-2	**Methylene chloride**	**25**	B	ug/kg dry	2.7	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.83	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	24	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.65	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
108-88-3	Toluene	ND		ug/kg dry	0.60	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-8 **York Sample ID:** 11G0701-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.7	36	2	EPA SW846-8260B	07/28/2011 21:43	07/28/2011 21:43	SS

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**	**83.3**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.86	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.51	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-25-2	Bromoform	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.81	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
67-66-3	Chloroform	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.81	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.81	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.88	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-09-2	**Methylene chloride**	**21**	B	ug/kg dry	2.5	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
91-20-3	**Naphthalene**	**7.5**	J	ug/kg dry	1.2	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.74	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	21	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.58	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
108-88-3	Toluene	ND		ug/kg dry	0.53	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.4	32	2	EPA SW846-8260B	07/28/2011 22:19	07/28/2011 22:19	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	97.5	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	78.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	85.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	61.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	87.5	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	73.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	57.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	150	358	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	78.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	85.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	54.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	104	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	62.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	65.8	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	61.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	80.5	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	64.9	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	135	358	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	74.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	19.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	70.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	59.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	64.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
83-32-9	Acenaphthene	ND		ug/kg dry	104	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	50.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
62-53-3	Aniline	ND		ug/kg dry	64.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
120-12-7	**Anthracene**	**215**		ug/kg dry	44.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
56-55-3	**Benzo(a)anthracene**	**445**		ug/kg dry	69.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
50-32-8	**Benzo(a)pyrene**	**483**		ug/kg dry	46.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
205-99-2	**Benzo(b)fluoranthene**	**270**		ug/kg dry	68.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
191-24-2	**Benzo(g,h,i)perylene**	**79.1**	J	ug/kg dry	53.8	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
207-08-9	**Benzo(k)fluoranthene**	**360**		ug/kg dry	69.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	57.9	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	74.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	66.0	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	60.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	66.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	59.9	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
218-01-9	**Chrysene**	**459**		ug/kg dry	72.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
53-70-3	**Dibenzo(a,h)anthracene**	**61.9**	J	ug/kg dry	45.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	57.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	93.9	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	80.5	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
206-44-0	**Fluoranthene**	**1080**		ug/kg dry	104	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
86-73-7	**Fluorene**	**70.5**	J	ug/kg dry	50.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	71.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	133	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	64.3	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**133**	J	ug/kg dry	66.0	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
78-59-1	Isophorone	ND		ug/kg dry	66.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
91-20-3	Naphthalene	ND		ug/kg dry	53.4	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	80.5	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	64.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.7	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	104	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.1	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
85-01-8	**Phenanthrene**	**779**		ug/kg dry	66.0	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
108-95-2	Phenol	ND		ug/kg dry	71.6	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
129-00-0	**Pyrene**	**872**		ug/kg dry	64.2	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD
110-86-1	Pyridine	ND		ug/kg dry	69.9	179	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:24	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.58	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.03	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.59	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
309-00-2	Aldrin	ND		ug/kg dry	2.26	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.67	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	8.48	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	8.48	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	8.48	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	8.48	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	8.48	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	7.30	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	7.30	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.23	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.2	14.2	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.93	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.09	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.17	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
72-20-8	Endrin	ND		ug/kg dry	2.15	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.38	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.56	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.46	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.82	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.56	3.54	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.13	17.7	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.30	18.2	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 19:56	JW
8001-35-2	Toxaphene	ND		ug/kg dry	354	354	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:01	JW

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17200**		mg/kg dry	1.35	2.15	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-36-0	Antimony	ND		mg/kg dry	0.150	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-38-2	**Arsenic**	**2.52**		mg/kg dry	0.204	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-39-3	**Barium**	**207**		mg/kg dry	0.258	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.140	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-70-2	**Calcium**	**9300**		mg/kg dry	0.047	2.15	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-47-3	**Chromium**	**34.8**		mg/kg dry	0.086	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-48-4	**Cobalt**	**17.2**		mg/kg dry	0.086	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-50-8	**Copper**	**24.3**		mg/kg dry	0.150	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7439-89-6	**Iron**	**34100**		mg/kg dry	0.590	1.07	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7439-92-1	**Lead**	**90.3**		mg/kg dry	0.107	0.322	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7439-95-4	**Magnesium**	**7470**		mg/kg dry	0.880	2.15	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7439-96-5	**Manganese**	**307**		mg/kg dry	0.086	1.07	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-02-0	**Nickel**	**33.3**		mg/kg dry	0.075	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-09-7	**Potassium**	**9880**		mg/kg dry	2.92	10.7	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7782-49-2	**Selenium**	**1.82**		mg/kg dry	0.226	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-22-4	Silver	ND		mg/kg dry	0.097	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-23-5	**Sodium**	**407**	B	mg/kg dry	7.21	10.7	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-28-0	Thallium	ND		mg/kg dry	0.204	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-62-2	**Vanadium**	**49.4**		mg/kg dry	0.086	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW
7440-66-6	**Zinc**	**184**		mg/kg dry	0.075	0.537	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 15:59	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-9 **York Sample ID:** 11G0701-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

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	0.104	0.107	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	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**	**93.2**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.0	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.7	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.62	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.0	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **11G0701-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
71-43-2	Benzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.6	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-25-2	Bromoform	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.98	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
67-66-3	Chloroform	ND		ug/kg dry	1.0	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.98	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.98	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.1	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.1	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-09-2	**Methylene chloride**	**25**	J, B	ug/kg dry	3.0	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.4	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.90	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	26	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.70	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
100-42-5	Styrene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	0.64	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.9	39	2	EPA SW846-8260B	07/28/2011 22:55	07/28/2011 22:55	SS

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	118	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	94.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	103	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	74.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	58.8	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	106	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	88.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	69.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	181	432	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	94.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	103	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	66.0	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	126	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	75.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	79.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	74.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	97.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	54.4	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	78.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	163	432	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	90.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	23.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	85.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	62.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitroaniline	ND		ug/kg dry	71.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	78.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
83-32-9	Acenaphthene	ND		ug/kg dry	125	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	60.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
62-53-3	Aniline	ND		ug/kg dry	77.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
120-12-7	Anthracene	ND		ug/kg dry	53.6	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	83.6	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
50-32-8	**Benzo(a)pyrene**	**57.0**	J	ug/kg dry	56.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	82.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	64.9	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	83.6	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	69.9	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	90.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	79.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	73.4	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	80.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	72.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
218-01-9	Chrysene	ND		ug/kg dry	87.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	54.6	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	69.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	113	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	62.3	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	64.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	97.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
206-44-0	Fluoranthene	ND		ug/kg dry	125	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
86-73-7	Fluorene	ND		ug/kg dry	60.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	35.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	86.4	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	161	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	77.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	79.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
78-59-1	Isophorone	ND		ug/kg dry	80.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
91-20-3	Naphthalene	ND		ug/kg dry	64.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	97.2	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	78.1	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	56.4	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	125	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	60.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
85-01-8	Phenanthrene	ND		ug/kg dry	79.7	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
108-95-2	Phenol	ND		ug/kg dry	86.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
129-00-0	**Pyrene**	**91.6**	J	ug/kg dry	77.5	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD
110-86-1	Pyridine	ND		ug/kg dry	84.4	216	1	EPA SW-846 8270C	08/01/2011 07:35	08/02/2011 23:55	TD

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.45	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
309-00-2	Aldrin	ND		ug/kg dry	2.73	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.23	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	10.2	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	10.2	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	10.2	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	10.2	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	10.2	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	8.81	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	8.81	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.70	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	17.1	17.1	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.33	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.53	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.07	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.62	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.19	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
72-20-8	Endrin	ND		ug/kg dry	2.59	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.88	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.97	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.41	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	4.28	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	11.0	21.4	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.81	22.0	1	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 20:34	JW
8001-35-2	Toxaphene	ND		ug/kg dry	428	428	10	EPA SW 846-8081/8082	08/01/2011 07:29	08/01/2011 23:16	JW

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14000**		mg/kg dry	1.63	2.59	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-36-0	Antimony	ND		mg/kg dry	0.181	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-38-2	**Arsenic**	**4.59**		mg/kg dry	0.246	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-39-3	**Barium**	**106**		mg/kg dry	0.311	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.013	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.168	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-70-2	**Calcium**	**3050**		mg/kg dry	0.056	2.59	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-47-3	**Chromium**	**18.2**		mg/kg dry	0.104	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-48-4	**Cobalt**	**7.48**		mg/kg dry	0.104	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-50-8	**Copper**	**18.7**		mg/kg dry	0.181	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7439-89-6	**Iron**	**18300**		mg/kg dry	0.713	1.30	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7439-92-1	**Lead**	**87.2**		mg/kg dry	0.130	0.389	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7439-95-4	**Magnesium**	**3720**		mg/kg dry	1.06	2.59	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7439-96-5	**Manganese**	**232**		mg/kg dry	0.104	1.30	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-02-0	**Nickel**	**17.7**		mg/kg dry	0.091	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-09-7	**Potassium**	**1260**		mg/kg dry	3.53	13.0	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7782-49-2	**Selenium**	**2.95**		mg/kg dry	0.273	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-22-4	Silver	ND		mg/kg dry	0.117	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-23-5	**Sodium**	**321**	B	mg/kg dry	8.71	13.0	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-28-0	Thallium	ND		mg/kg dry	0.246	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-62-2	**Vanadium**	**21.1**		mg/kg dry	0.104	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW
7440-66-6	**Zinc**	**106**		mg/kg dry	0.091	0.648	1	EPA SW846-6010B	07/23/2011 08:51	07/23/2011 16:03	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11G0701-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil	July 19, 2011 3:00 pm	07/21/2011

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	0.126	0.130	1	EPA SW846-7471	07/26/2011 17:15	07/26/2011 17:15	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**	**77.2**		%	0.100	0.100	1	SM 2540G	07/27/2011 15:35	07/27/2011 15:35	AMC

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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	ND		ppbv	0.032	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.042	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.012	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
79-00-5	**1,1,2-Trichloroethane**	**0.72**		ppbv	0.044	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-34-3	1,1-Dichloroethane	ND		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.026	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.039	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
95-63-6	**1,2,4-Trimethylbenzene**	**3.8**		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.044	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
107-06-2	1,2-Dichloroethane	ND		ppbv	0.042	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
78-87-5	1,2-Dichloropropane	ND		ppbv	0.039	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.030	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
108-67-8	**1,3,5-Trimethylbenzene**	**1.4**		ppbv	0.023	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
106-99-0	1,3-Butadiene	ND		ppbv	0.026	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.032	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.039	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
123-91-1	1,4-Dioxane	ND		ppbv	0.16	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
540-84-1	**2,2,4-Trimethylpentane**	**0.28**		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
78-93-3	**2-Butanone**	**22**		ppbv	0.070	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
591-78-6	**2-Hexanone**	**0.62**		ppbv	0.097	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
107-05-1	3-Chloropropene	ND		ppbv	0.032	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
108-10-1	**4-Methyl-2-pentanone**	**1.7**		ppbv	0.063	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
67-64-1	**Acetone**	**81**		ppbv	0.055	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
71-43-2	**Benzene**	**2.5**		ppbv	0.026	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
100-44-7	Benzyl chloride	ND		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-27-4	Bromodichloromethane	ND		ppbv	0.042	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-25-2	Bromoform	ND		ppbv	0.032	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
74-83-9	Bromomethane	ND		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-15-0	**Carbon disulfide**	**9.4**		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
56-23-5	Carbon tetrachloride	ND		ppbv	0.021	0.088	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
108-90-7	Chlorobenzene	ND		ppbv	0.032	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-00-3	Chloroethane	ND		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
67-66-3	**Chloroform**	**1.2**		ppbv	0.026	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
74-87-3	**Chloromethane**	**0.42**		ppbv	0.053	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.030	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.044	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
110-82-7	**Cyclohexane**	**0.58**		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-71-8	**Dichlorodifluoromethane**	**0.67**		ppbv	0.044	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
141-78-6	**Ethyl acetate**	**20**		ppbv	0.044	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
100-41-4	**Ethyl Benzene**	**1.0**		ppbv	0.032	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
87-68-3	Hexachlorobutadiene	ND		ppbv	0.032	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
67-63-0	**Isopropanol**	**0.42**		ppbv	0.062	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-09-2	Methylene chloride	ND		ppbv	0.042	0.88	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
142-82-5	**n-Heptane**	**0.92**		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
110-54-3	**n-Hexane**	**1.7**		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
95-47-6	**o-Xylene**	**1.1**		ppbv	0.032	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
1330-20-7P/M	**p- & m- Xylenes**	**4.2**		ppbv	0.060	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
622-96-8	**p-Ethyltoluene**	**2.4**		ppbv	0.032	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
115-07-01	**Propylene**	**17**		ppbv	0.081	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
100-42-5	**Styrene**	**1.1**		ppbv	0.032	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
127-18-4	**Tetrachloroethylene**	**1.2**		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
109-99-9	**Tetrahydrofuran**	**18**		ppbv	0.044	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
108-88-3	**Toluene**	**3.0**		ppbv	0.042	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.021	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.032	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
79-01-6	Trichloroethylene	ND		ppbv	0.021	0.088	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 **York Sample ID:** 11G0701-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.33**		ppbv	0.011	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
108-05-4	Vinyl acetate	ND		ppbv	0.026	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
593-60-2	Vinyl bromide	ND		ppbv	0.026	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD
75-01-4	Vinyl Chloride	ND		ppbv	0.042	0.18	1.762	EPA Compendium TO-15	07/27/2011 16:17	07/27/2011 16:17	TD

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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	ND		ppbv	0.032	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.043	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.013	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
79-00-5	**1,1,2-Trichloroethane**	**0.59**		ppbv	0.045	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-34-3	1,1-Dichloroethane	ND		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.027	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.039	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
95-63-6	**1,2,4-Trimethylbenzene**	**4.1**		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.045	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
107-06-2	1,2-Dichloroethane	ND		ppbv	0.043	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
78-87-5	**1,2-Dichloropropane**	**1.8**		ppbv	0.039	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
76-14-2	**1,2-Dichlorotetrafluoroethane**	**0.30**		ppbv	0.030	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
108-67-8	**1,3,5-Trimethylbenzene**	**1.3**		ppbv	0.023	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
106-99-0	**1,3-Butadiene**	**1.1**		ppbv	0.027	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.032	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.039	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
123-91-1	1,4-Dioxane	ND		ppbv	0.16	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
540-84-1	**2,2,4-Trimethylpentane**	**0.34**		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
78-93-3	**2-Butanone**	**11**		ppbv	0.071	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
591-78-6	**2-Hexanone**	**0.88**		ppbv	0.098	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
107-05-1	3-Chloropropene	ND		ppbv	0.032	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
108-10-1	**4-Methyl-2-pentanone**	**10**		ppbv	0.064	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
67-64-1	**Acetone**	**68**		ppbv	0.055	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
71-43-2	**Benzene**	**2.5**		ppbv	0.027	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
100-44-7	Benzyl chloride	ND		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-27-4	Bromodichloromethane	ND		ppbv	0.043	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-25-2	Bromoform	ND		ppbv	0.032	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
74-83-9	Bromomethane	ND		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-15-0	**Carbon disulfide**	**5.9**		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
56-23-5	Carbon tetrachloride	ND		ppbv	0.021	0.089	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
108-90-7	**Chlorobenzene**	**0.88**		ppbv	0.032	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-00-3	Chloroethane	ND		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
67-66-3	**Chloroform**	**6.5**		ppbv	0.027	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
74-87-3	**Chloromethane**	**0.36**		ppbv	0.054	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
156-59-2	**cis-1,2-Dichloroethylene**	**4.3**		ppbv	0.030	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.045	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
110-82-7	**Cyclohexane**	**0.80**		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-71-8	**Dichlorodifluoromethane**	**0.59**		ppbv	0.045	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
141-78-6	**Ethyl acetate**	**11**		ppbv	0.045	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
100-41-4	**Ethyl Benzene**	**1.3**		ppbv	0.032	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
87-68-3	Hexachlorobutadiene	ND		ppbv	0.032	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
67-63-0	**Isopropanol**	**1.0**		ppbv	0.063	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-09-2	Methylene chloride	ND		ppbv	0.043	0.89	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
142-82-5	**n-Heptane**	**3.2**		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
110-54-3	**n-Hexane**	**2.8**		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
95-47-6	**o-Xylene**	**1.4**		ppbv	0.032	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
1330-20-7P/M	**p- & m- Xylenes**	**4.8**		ppbv	0.061	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
622-96-8	**p-Ethyltoluene**	**2.6**		ppbv	0.032	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
115-07-01	**Propylene**	**24**		ppbv	0.082	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
100-42-5	Styrene	ND		ppbv	0.032	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
127-18-4	**Tetrachloroethylene**	**7.8**		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
109-99-9	**Tetrahydrofuran**	**2.6**		ppbv	0.045	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
108-88-3	**Toluene**	**5.3**		ppbv	0.043	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.021	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.032	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
79-01-6	**Trichloroethylene**	**0.75**		ppbv	0.021	0.089	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.34**		ppbv	0.011	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD

YORK
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Sample Information

Client Sample ID: SG-2 **York Sample ID:** 11G0701-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
108-05-4	**Vinyl acetate**	**1.6**		ppbv	0.027	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
593-60-2	Vinyl bromide	ND		ppbv	0.027	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD
75-01-4	Vinyl Chloride	ND		ppbv	0.043	0.18	1.787	EPA Compendium TO-15	07/27/2011 17:52	07/27/2011 17:52	TD

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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	ND		ppbv	0.33	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.44	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.13	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.45	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-34-3	1,1-Dichloroethane	ND		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.27	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.40	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
95-63-6	**1,2,4-Trimethylbenzene**	**7.8**		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.45	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
107-06-2	1,2-Dichloroethane	ND		ppbv	0.44	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
78-87-5	**1,2-Dichloropropane**	**3.6**		ppbv	0.40	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.31	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.24	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
106-99-0	**1,3-Butadiene**	**14**		ppbv	0.27	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.33	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.40	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
123-91-1	1,4-Dioxane	ND		ppbv	1.6	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
540-84-1	**2,2,4-Trimethylpentane**	**17**		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
78-93-3	**2-Butanone**	**16**		ppbv	0.73	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
591-78-6	2-Hexanone	ND		ppbv	1.0	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
107-05-1	3-Chloropropene	ND		ppbv	0.33	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.65	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
67-64-1	**Acetone**	**110**		ppbv	0.56	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
71-43-2	**Benzene**	**8.7**		ppbv	0.27	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
100-44-7	Benzyl chloride	ND		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-27-4	Bromodichloromethane	ND		ppbv	0.44	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-25-2	Bromoform	ND		ppbv	0.33	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
74-83-9	Bromomethane	ND		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-15-0	**Carbon disulfide**	**13**		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
56-23-5	Carbon tetrachloride	ND		ppbv	0.22	0.91	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
108-90-7	Chlorobenzene	ND		ppbv	0.33	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-00-3	Chloroethane	ND		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
67-66-3	**Chloroform**	**1.8**		ppbv	0.27	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
74-87-3	**Chloromethane**	**19**		ppbv	0.55	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.31	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.45	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
110-82-7	**Cyclohexane**	**3.3**		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-71-8	Dichlorodifluoromethane	ND		ppbv	0.45	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
141-78-6	**Ethyl acetate**	**14**		ppbv	0.45	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
100-41-4	**Ethyl Benzene**	**3.1**		ppbv	0.33	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
87-68-3	Hexachlorobutadiene	ND		ppbv	0.33	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
67-63-0	Isopropanol	ND		ppbv	0.64	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-09-2	Methylene chloride	ND		ppbv	0.44	9.1	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
142-82-5	**n-Heptane**	**120**		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
110-54-3	**n-Hexane**	**240**		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
95-47-6	o-Xylene	ND		ppbv	0.33	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
1330-20-7P/M	**p- & m- Xylenes**	**4.0**		ppbv	0.62	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
622-96-8	**p-Ethyltoluene**	**2.2**		ppbv	0.33	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
115-07-01	**Propylene**	**280**		ppbv	0.84	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
100-42-5	Styrene	ND		ppbv	0.33	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
127-18-4	**Tetrachloroethylene**	**13**		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
109-99-9	**Tetrahydrofuran**	**65**		ppbv	0.45	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
108-88-3	**Toluene**	**5.3**		ppbv	0.44	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.22	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.33	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
79-01-6	Trichloroethylene	ND		ppbv	0.22	0.91	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ppbv	0.11	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD

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Sample Information

Client Sample ID: SG-3 **York Sample ID:** 11G0701-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11G0701	LM09015.50	Soil Vapor	July 18, 2011 3:00 pm	07/21/2011

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
108-05-4	**Vinyl acetate**	**130**		ppbv	0.27	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
593-60-2	Vinyl bromide	ND		ppbv	0.27	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD
75-01-4	Vinyl Chloride	ND		ppbv	0.44	1.8	18.19	EPA Compendium TO-15	07/26/2011 19:05	07/26/2011 19:05	TD

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
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

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. 11G0701

Client Information		Report to:		Invoice To:		Client Project ID	Turn-Around Time		Report Type/Deliverables	
Company:	Ecosystems Strategies	SAME	X	SAME	X	LM09015.50	RUSH Same Day		Summary	X
Address:	24 Davis Ave	Name:		Name:	Brenda		RUSH Next Day		QA/QC Summary	
	Poughkeepsie, NY	Company:		Company:			RUSH Two Day		CT RCP Pkg	
Phone no.:	845-452-1658	Address:		Address:		Purchase Order no.	RUSH Three Day		ASP A Pkg	
Contact Person	Adam						RUSH Four Day		ASP B Pkg	
E-mail Addr.:		E-mail:		E-mail			Standard (5-7 days)	X	Excel	
FAX No.:		Fax No.:		Fax No.:		Samples from: CT__ NY X NJ__	OTHER		EDD	

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)

Adam Atkinson
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	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Reactive	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded Not Drinking Waters	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-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	NYSLDC 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)
SG-1	7-18-2011	S	8260, 8270, TAL, 8081, 8082	(1) 2oz (1) 8oz
SG-2	↓	↓	↓	↓
SG-3				
B-4				
B-5				
B-6				
B-7				
B-8	7-19-2011		8260	(1) 2oz
B-9	↓	↓	8260, 8270, TAL, 8081, 8082	(1) 2oz (1) 8oz
MW-1			↓	↓

Comments

Preservation "X" those applicable

Cool 4°C X HNO3 ___ H2SO4 ___ NaOH ___ NONE ___ FROZEN ___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	7-21-2011	[signature]	7-21-11 8:40
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[signature]	7/21/11 1445

Temperature on Receipt 4.9°C

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. 11G0701

YOUR Information	Report To:	Invoice To:	YOUR Project ID
Company: Ecosystems Strategies	Company: Same	Company: Brenda	LM09015.50
Address: 24 Davis Ave POK, NY 12603	Address:	Address:	Purchase Order No.
Phone No. 845-452-1658	Phone No.	Phone No.	
Contact Person: Adam	Attention:	Attention:	
E-Mail Address: mail@ecosystems...	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X 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 X
- 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)

Adam Atkinson
Name (printed)

Air Matrix Codes
- A1 - 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
SG-1	7-18-2011	AS	29	7	TO-15	6 Liter Summa canister X Tedlar Bag
SG-2	↓	↓	29	2	↓	6 Liter Summa canister X Tedlar Bag
SG-3	↓	↓	29	3	↓	6 Liter Summa canister X 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

AA — 7-21-2011
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

Chris Cubelli — 7-21-11 3:40
Samples Received By — Date/Time

J. Gale — 7/21/11-1445
Samples Received in LAB by — Date/Time

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Adam Atkinson

Report Date: 08/17/2011
Client Project ID: LM09015.20
York Project (SDG) No.: 11H0458

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: 08/17/2011
Client Project ID: LM09015.20
York Project (SDG) No.: 11H0458

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Adam Atkinson

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 August 11, 2011 and listed below. The project was identified as your project: **LM09015.20**.

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
11H0458-01	MW-1	Water	08/09/2011	08/11/2011
11H0458-02	MW-2	Water	08/09/2011	08/11/2011
11H0458-03	MW-3	Water	08/09/2011	08/11/2011

General Notes for York Project (SDG) No.: 11H0458

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:** 08/17/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **11H0458-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **11H0458-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**16**		ug/L	0.38	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
75-09-2	**Methylene chloride**	**2.3**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	08/16/2011 16:21	08/16/2011 16:21	SS

	Surrogate Recoveries	**Result**	**Acceptance Range**
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*89.7 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*86.7-112*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11H0458-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Semi-Volatiles, PAH Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	3.41	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
208-96-8	Acenaphthylene	ND		ug/L	4.50	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
120-12-7	Anthracene	ND		ug/L	3.85	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
56-55-3	Benzo(a)anthracene	ND		ug/L	4.28	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	5.10	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	4.34	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	4.37	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.64	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
218-01-9	Chrysene	ND		ug/L	4.37	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.26	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
206-44-0	Fluoranthene	ND		ug/L	1.68	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
86-73-7	Fluorene	ND		ug/L	3.39	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.89	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
91-20-3	Naphthalene	ND		ug/L	4.07	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
85-01-8	Phenanthrene	ND		ug/L	3.80	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD
129-00-0	Pyrene	ND		ug/L	2.49	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 12:57	TD

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*45.3 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*47.8 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*53.8 %*	*30-130*

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.000974	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
50-29-3	4,4'-DDT	ND		ug/L	0.000862	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
309-00-2	Aldrin	ND		ug/L	0.000892	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
319-84-6	alpha-BHC	ND		ug/L	0.000985	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 02:24	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 02:24	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 02:24	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 02:24	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 02:24	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 02:24	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 02:24	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **11H0458-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/L	0.000810	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
319-86-8	delta-BHC	ND		ug/L	0.000985	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
60-57-1	Dieldrin	ND		ug/L	0.000728	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
959-98-8	Endosulfan I	ND		ug/L	0.000810	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
33213-65-9	Endosulfan II	ND		ug/L	0.000862	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.000974	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
72-20-8	Endrin	ND		ug/L	0.000964	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.000697	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
53494-70-5	Endrin ketone	ND		ug/L	0.000933	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.000985	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
76-44-8	Heptachlor	ND		ug/L	0.000974	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.000769	0.00103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
72-43-5	Methoxychlor	ND		ug/L	0.00201	0.00513	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW
1336-36-3	Total PCBs	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 02:24	JW
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 13:47	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.4 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.149**		mg/L	0.007	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-39-3	**Barium**	**0.131**		mg/L	0.004	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-70-2	**Calcium**	**335**		mg/L	0.009	0.020	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7439-89-6	**Iron**	**19.7**		mg/L	0.006	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7439-95-4	**Magnesium**	**295**		mg/L	0.008	0.020	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **11H0458-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**6.20**		mg/L	0.001	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-09-7	**Potassium**	**26.3**		mg/L	0.026	0.050	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7782-49-2	**Selenium**	**0.013**		mg/L	0.002	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-23-5	**Sodium**	**105**		mg/L	0.066	0.100	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:22	MW

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003	9000.0002000	1	EPA SW846-7470	08/12/2011 16:26	08/12/2011 16:26	AA

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **11H0458-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **11H0458-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
156-59-2	**cis-1,2-Dichloroethylene**	**37**		ug/L	0.96	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
75-09-2	**Methylene chloride**	**2.3**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 11H0458-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
127-18-4	**Tetrachloroethylene**	**9.3**		ug/L	0.52	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
79-01-6	**Trichloroethylene**	**4.4**	J	ug/L	0.57	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	08/16/2011 17:04	08/16/2011 17:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.6 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.6 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*86.7-112*

Semi-Volatiles, PAH Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	3.50	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
208-96-8	Acenaphthylene	ND		ug/L	4.62	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
120-12-7	Anthracene	ND		ug/L	3.96	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
56-55-3	Benzo(a)anthracene	ND		ug/L	4.40	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	5.24	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	4.45	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	4.49	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.74	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
218-01-9	Chrysene	ND		ug/L	4.49	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.35	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
206-44-0	Fluoranthene	ND		ug/L	1.72	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
86-73-7	Fluorene	ND		ug/L	3.49	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.97	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 11H0458-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Semi-Volatiles, PAH Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	4.18	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
85-01-8	Phenanthrene	ND		ug/L	3.90	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD
129-00-0	Pyrene	ND		ug/L	2.56	5.41	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:09	TD

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*59.1 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.0 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*70.7 %*	*30-130*

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00100	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
50-29-3	4,4'-DDT	ND		ug/L	0.000884	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
309-00-2	Aldrin	ND		ug/L	0.000916	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
319-84-6	alpha-BHC	ND		ug/L	0.00101	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:03	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:03	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:03	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:03	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:03	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0444	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:03	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0444	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:03	JW
319-85-7	beta-BHC	ND		ug/L	0.000832	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
57-74-9	Chlordane, total	ND		ug/L	0.00421	0.00421	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
319-86-8	delta-BHC	ND		ug/L	0.00101	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
60-57-1	Dieldrin	ND		ug/L	0.000747	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
959-98-8	Endosulfan I	ND		ug/L	0.000832	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
33213-65-9	Endosulfan II	ND		ug/L	0.000884	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00100	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
72-20-8	Endrin	ND		ug/L	0.000989	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.000716	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
53494-70-5	Endrin ketone	ND		ug/L	0.000958	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00101	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
76-44-8	Heptachlor	ND		ug/L	0.00100	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.000789	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **11H0458-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/L	0.00206	0.00526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW
1336-36-3	Total PCBs	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:03	JW
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:02	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.1 %*	*30-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.007	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-39-3	**Barium**	**0.084**		mg/L	0.004	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-70-2	**Calcium**	**86.5**		mg/L	0.009	0.020	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7439-89-6	**Iron**	**0.041**		mg/L	0.006	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7439-95-4	**Magnesium**	**31.7**		mg/L	0.008	0.020	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7439-96-5	**Manganese**	**1.82**		mg/L	0.001	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-09-7	**Potassium**	**9.00**		mg/L	0.026	0.050	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-23-5	**Sodium**	**40.4**		mg/L	0.066	0.100	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:27	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 11H0458-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039	000.0002000	1	EPA SW846-7470	08/12/2011 16:26	08/12/2011 16:26	AA

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 11H0458-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **11H0458-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
75-09-2	**Methylene chloride**	**1.9**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 11H0458-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	08/16/2011 17:46	08/16/2011 17:46	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.1 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*86.7-112*

Semi-Volatiles, PAH Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	3.41	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
208-96-8	Acenaphthylene	ND		ug/L	4.50	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
120-12-7	Anthracene	ND		ug/L	3.85	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
56-55-3	Benzo(a)anthracene	ND		ug/L	4.28	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	5.10	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	4.34	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	4.37	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.64	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
218-01-9	Chrysene	ND		ug/L	4.37	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.26	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
206-44-0	Fluoranthene	ND		ug/L	1.68	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
86-73-7	Fluorene	ND		ug/L	3.39	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.89	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
91-20-3	Naphthalene	ND		ug/L	4.07	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
85-01-8	Phenanthrene	ND		ug/L	3.80	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD
129-00-0	Pyrene	ND		ug/L	2.49	5.26	1	EPA SW-846 8270C	08/12/2011 07:56	08/12/2011 16:41	TD

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*30.5 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*30.5 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*30.5 %*	*30-130*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **11H0458-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00100	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
50-29-3	4,4'-DDT	ND		ug/L	0.000884	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
309-00-2	Aldrin	ND		ug/L	0.000916	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
319-84-6	alpha-BHC	ND		ug/L	0.00101	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:42	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:42	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:42	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:42	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:42	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0444	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:42	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0444	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:42	JW
319-85-7	beta-BHC	ND		ug/L	0.000832	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
57-74-9	Chlordane, total	ND		ug/L	0.00421	0.00421	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
319-86-8	delta-BHC	ND		ug/L	0.00101	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
60-57-1	Dieldrin	ND		ug/L	0.000747	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
959-98-8	Endosulfan I	ND		ug/L	0.000832	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
33213-65-9	Endosulfan II	ND		ug/L	0.000884	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00100	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
72-20-8	Endrin	ND		ug/L	0.000989	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.000716	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
53494-70-5	Endrin ketone	ND		ug/L	0.000958	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00101	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
76-44-8	Heptachlor	ND		ug/L	0.00100	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.000789	0.00105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
72-43-5	Methoxychlor	ND		ug/L	0.00206	0.00526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW
1336-36-3	Total PCBs	ND		ug/L	0.0382	0.0526	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/17/2011 03:42	JW
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA SW 846-8081/8082	08/12/2011 07:54	08/16/2011 14:17	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.3 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **11H0458-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11H0458	LM09015.20	Water	August 9, 2011 3:00 pm	08/11/2011

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.054**		mg/L	0.007	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-39-3	**Barium**	**0.099**		mg/L	0.004	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-70-2	**Calcium**	**128**		mg/L	0.009	0.020	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7439-89-6	**Iron**	**8.24**		mg/L	0.006	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7439-95-4	**Magnesium**	**73.5**		mg/L	0.008	0.020	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7439-96-5	**Manganese**	**1.60**		mg/L	0.001	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-09-7	**Potassium**	**17.3**		mg/L	0.026	0.050	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-23-5	**Sodium**	**69.0**		mg/L	0.066	0.100	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	08/16/2011 15:56	08/16/2011 22:32	MW

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039000	0.0002000	1	EPA SW846-7470	08/12/2011 16:26	08/12/2011 16:26	AA

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BH10492 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
11H0458-01	MW-1	08/12/11
11H0458-02	MW-2	08/12/11
11H0458-03	MW-3	08/12/11
BH10492-BLK1	Blank	08/12/11
BH10492-BS1	LCS	08/12/11
BH10492-BS2	LCS	08/12/11
BH10492-BSD1	LCS Dup	08/12/11
BH10492-BSD2	LCS Dup	08/12/11

Batch ID: BH10493 **Preparation Method:** EPA 3510C **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
11H0458-01	MW-1	08/12/11
11H0458-02	MW-2	08/12/11
11H0458-03	MW-3	08/12/11

Batch ID: BH10500 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
11H0458-01	MW-1	08/12/11
11H0458-02	MW-2	08/12/11
11H0458-03	MW-3	08/12/11
BH10500-BLK1	Blank	08/12/11
BH10500-BS1	LCS	08/12/11
BH10500-BS2	LCS	08/12/11

Batch ID: BH10635 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11H0458-01	MW-1	08/16/11
11H0458-02	MW-2	08/16/11
11H0458-03	MW-3	08/16/11
BH10635-BLK1	Blank	08/16/11
BH10635-BS1	LCS	08/16/11
BH10635-BSD1	LCS Dup	08/16/11

Batch ID: BH10662 **Preparation Method:** EPA SW 846-3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
11H0458-01	MW-1	08/16/11
11H0458-02	MW-2	08/16/11
11H0458-03	MW-3	08/16/11
BH10662-BLK1	Blank	08/16/11
BH10662-SRM1	Reference	08/16/11
BH10662-SRM2	Reference	08/16/11

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10635 - EPA 5030B											
Blank (BH10635-BLK1)							Prepared & Analyzed: 08/16/2011				
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	0.65	10	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	0.56	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	2.1	10	"								
Naphthalene	1.7	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10635 - EPA 5030B											
Blank (BH10635-BLK1)						Prepared & Analyzed: 08/16/2011					
tert-Butylbenzene	ND	5.0	ug/L								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*9.19*		*"*	*10.0*		*91.9*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*71.3-131*				
Surrogate: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*86.7-112*				
LCS (BH10635-BS1)						Prepared & Analyzed: 08/16/2011					
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		104	82.3-130				
1,1,1-Trichloroethane	9.7		"	10.0		96.7	75.6-137				
1,1,2,2-Tetrachloroethane	11		"	10.0		106	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.0		"	10.0		89.7	71.1-129				
1,1,2-Trichloroethane	10		"	10.0		102	74.5-129				
1,1-Dichloroethane	9.9		"	10.0		99.0	79.6-132				
1,1-Dichloroethylene	9.8		"	10.0		98.4	80.2-146				
1,1-Dichloropropylene	9.9		"	10.0		98.6	75-136				
1,2,3-Trichlorobenzene	9.7		"	10.0		97.2	66.1-136				
1,2,3-Trichloropropane	10		"	10.0		101	63-131				
1,2,4-Trichlorobenzene	10		"	10.0		102	70.6-136				
1,2,4-Trimethylbenzene	11		"	10.0		105	75.3-135				
1,2-Dibromo-3-chloropropane	9.4		"	10.0		93.8	58.9-140				
1,2-Dibromoethane	11		"	10.0		114	79-130				
1,2-Dichlorobenzene	10		"	10.0		99.9	76.1-122				
1,2-Dichloroethane	9.4		"	10.0		93.5	74.6-132				
1,2-Dichloropropane	11		"	10.0		105	76.9-129				
1,3,5-Trimethylbenzene	10		"	10.0		101	70.6-127				
1,3-Dichlorobenzene	10		"	10.0		102	77-124				
1,3-Dichloropropane	11		"	10.0		106	75.8-126				
1,4-Dichlorobenzene	10		"	10.0		100	76.6-125				
2,2-Dichloropropane	9.8		"	10.0		97.6	69-133				
2-Chlorotoluene	9.6		"	10.0		95.9	66.3-119				
4-Chlorotoluene	9.7		"	10.0		97.3	69.2-127				
Benzene	9.7		"	10.0		97.2	76.2-129				
Bromobenzene	10		"	10.0		103	71.3-123				
Bromochloromethane	9.4		"	10.0		93.5	70.8-137				
Bromodichloromethane	11		"	10.0		106	79.7-134				
Bromoform	11		"	10.0		108	70.5-141				
Bromomethane	9.9		"	10.0		98.8	43.9-147				
Carbon tetrachloride	9.7		"	10.0		97.1	78.1-138				
Chlorobenzene	10		"	10.0		102	80.4-125				
Chloroethane	9.2		"	10.0		92.2	55.8-140				
Chloroform	9.6		"	10.0		96.1	76.6-133				
Chloromethane	9.2		"	10.0		92.3	48.8-115				
cis-1,2-Dichloroethylene	9.7		"	10.0		97.4	75.1-128				
cis-1,3-Dichloropropylene	10		"	10.0		105	74.5-128				
Dibromochloromethane	10		"	10.0		104	79.8-134				
Dibromomethane	11		"	10.0		107	79-130				

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10635 - EPA 5030B											
LCS (BH10635-BS1)						Prepared & Analyzed: 08/16/2011					
Dichlorodifluoromethane	7.3		ug/L	10.0		72.9	47.1-101				
Ethyl Benzene	10		"	10.0		105	80.8-128				
Hexachlorobutadiene	9.4		"	10.0		93.6	64.8-128				
Isopropylbenzene	11		"	10.0		106	75.5-135				
Methyl tert-butyl ether (MTBE)	10		"	10.0		105	65.1-140				
Methylene chloride	8.6		"	10.0		85.8	61.3-120				
Naphthalene	10		"	10.0		102	62.3-148				
n-Butylbenzene	9.7		"	10.0		97.0	67.2-123				
n-Propylbenzene	10		"	10.0		100	70.5-127				
o-Xylene	10		"	10.0		101	75.9-122				
p- & m- Xylenes	21		"	20.0		103	77.7-127				
p-Isopropyltoluene	10		"	10.0		103	75.6-129				
sec-Butylbenzene	10		"	10.0		100	71.5-125				
Styrene	10		"	10.0		102	77.8-123				
tert-Butylbenzene	11		"	10.0		114	75.9-151				
Tetrachloroethylene	10		"	10.0		104	63.6-167				
Toluene	10		"	10.0		103	77-123				
trans-1,2-Dichloroethylene	9.8		"	10.0		98.0	76.3-139				
trans-1,3-Dichloropropylene	10		"	10.0		104	72.5-137				
Trichloroethylene	10		"	10.0		104	77.9-130				
Trichlorofluoromethane	9.2		"	10.0		91.6	57.4-133				
Vinyl Chloride	8.9		"	10.0		89.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.08*		*"*	*10.0*		*90.8*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*9.72*		*"*	*10.0*		*97.2*	*71.3-131*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*86.7-112*				
LCS Dup (BH10635-BSD1)						Prepared & Analyzed: 08/16/2011					
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		106	82.3-130		2.20	21.1	
1,1,1-Trichloroethane	9.3		"	10.0		92.6	75.6-137		4.33	19.7	
1,1,2,2-Tetrachloroethane	11		"	10.0		109	71.3-131		3.07	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.0		"	10.0		90.0	71.1-129		0.334	21.7	
1,1,2-Trichloroethane	10		"	10.0		99.7	74.5-129		2.38	20.3	
1,1-Dichloroethane	9.8		"	10.0		98.3	79.6-132		0.710	20.6	
1,1-Dichloroethylene	9.5		"	10.0		94.7	80.2-146		3.83	20	
1,1-Dichloropropylene	9.7		"	10.0		97.4	75-136		1.22	19.3	
1,2,3-Trichlorobenzene	11		"	10.0		114	66.1-136		15.7	21.6	
1,2,3-Trichloropropane	11		"	10.0		109	63-131		7.64	23.9	
1,2,4-Trichlorobenzene	12		"	10.0		119	70.6-136		15.4	21.7	
1,2,4-Trimethylbenzene	11		"	10.0		112	75.3-135		6.25	18.8	
1,2-Dibromo-3-chloropropane	11		"	10.0		106	58.9-140		12.4	27.7	
1,2-Dibromoethane	11		"	10.0		111	79-130		3.29	23	
1,2-Dichlorobenzene	11		"	10.0		110	76.1-122		9.35	19.8	
1,2-Dichloroethane	8.8		"	10.0		88.1	74.6-132		5.95	20.2	
1,2-Dichloropropane	11		"	10.0		107	76.9-129		1.32	20.7	
1,3,5-Trimethylbenzene	11		"	10.0		110	70.6-127		8.37	18.9	
1,3-Dichlorobenzene	11		"	10.0		110	77-124		7.66	19.2	
1,3-Dichloropropane	10		"	10.0		104	75.8-126		2.76	22.1	
1,4-Dichlorobenzene	11		"	10.0		111	76.6-125		9.87	18.6	
2,2-Dichloropropane	9.5		"	10.0		94.6	69-133		3.12	19.8	
2-Chlorotoluene	10		"	10.0		105	66.3-119		8.87	21.6	
4-Chlorotoluene	11		"	10.0		111	69.2-127		13.0	19	
Benzene	9.8		"	10.0		98.1	76.2-129		0.922	19	
Bromobenzene	11		"	10.0		109	71.3-123		5.85	20.3	

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10635 - EPA 5030B											
LCS Dup (BH10635-BSD1)						Prepared & Analyzed: 08/16/2011					
Bromochloromethane	9.4		ug/L	10.0		93.6	70.8-137		0.107	23.9	
Bromodichloromethane	11		"	10.0		105	79.7-134		0.569	21	
Bromoform	11		"	10.0		109	70.5-141		1.29	21.8	
Bromomethane	9.7		"	10.0		97.0	43.9-147		1.84	28.4	
Carbon tetrachloride	9.8		"	10.0		97.6	78.1-138		0.514	20.1	
Chlorobenzene	10		"	10.0		104	80.4-125		1.84	19.9	
Chloroethane	9.4		"	10.0		93.6	55.8-140		1.51	23.3	
Chloroform	9.7		"	10.0		96.7	76.6-133		0.622	20.3	
Chloromethane	8.8		"	10.0		87.5	48.8-115		5.34	24.5	
cis-1,2-Dichloroethylene	9.7		"	10.0		97.1	75.1-128		0.308	20.5	
cis-1,3-Dichloropropylene	10		"	10.0		104	74.5-128		0.671	19.9	
Dibromochloromethane	11		"	10.0		106	79.8-134		1.62	21.3	
Dibromomethane	10		"	10.0		104	79-130		2.95	22.4	
Dichlorodifluoromethane	7.1		"	10.0		70.6	47.1-101		3.21	23.9	
Ethyl Benzene	11		"	10.0		109	80.8-128		4.02	19.2	
Hexachlorobutadiene	10		"	10.0		102	64.8-128		8.88	20.6	
Isopropylbenzene	11		"	10.0		114	75.5-135		6.82	20	
Methyl tert-butyl ether (MTBE)	9.7		"	10.0		96.9	65.1-140		8.02	23.6	
Methylene chloride	8.0		"	10.0		80.4	61.3-120		6.50	20.4	
Naphthalene	12		"	10.0		120	62.3-148		15.9	27.1	
n-Butylbenzene	11		"	10.0		108	67.2-123		11.1	19.1	
n-Propylbenzene	11		"	10.0		110	70.5-127		9.70	23.4	
o-Xylene	11		"	10.0		105	75.9-122		3.98	19.3	
p- & m- Xylenes	22		"	20.0		109	77.7-127		5.19	18.6	
p-Isopropyltoluene	11		"	10.0		112	75.6-129		8.57	19.1	
sec-Butylbenzene	11		"	10.0		107	71.5-125		6.54	18.9	
Styrene	11		"	10.0		106	77.8-123		4.62	20.9	
tert-Butylbenzene	11		"	10.0		113	75.9-151		1.06	20.9	
Tetrachloroethylene	11		"	10.0		110	63.6-167		6.26	27.7	
Toluene	11		"	10.0		106	77-123		3.24	18.7	
trans-1,2-Dichloroethylene	9.6		"	10.0		96.3	76.3-139		1.75	19.5	
trans-1,3-Dichloropropylene	10		"	10.0		102	72.5-137		0.971	19.3	
Trichloroethylene	10		"	10.0		104	77.9-130		0.0963	20.5	
Trichlorofluoromethane	9.1		"	10.0		90.9	57.4-133		0.767	21.4	
Vinyl Chloride	8.4		"	10.0		84.1	54.9-124		5.77	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.02*		*"*	*10.0*		*90.2*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*71.3-131*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*86.7-112*				

YORK
ANALYTICAL LABORATORIES, INC.

Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10492 - EPA SW846-3510C Low Level											
Blank (BH10492-BLK1)							Prepared: 08/12/2011 Analyzed: 08/16/2011				
Toxaphene	ND	0.100	ug/L								
Methoxychlor	ND	0.00500	"								
Heptachlor epoxide	ND	0.00100	"								
Heptachlor	ND	0.00100	"								
gamma-BHC (Lindane)	ND	0.00100	"								
Endrin ketone	ND	0.00100	"								
Endrin aldehyde	ND	0.00100	"								
Endrin	ND	0.00100	"								
Endosulfan sulfate	ND	0.00100	"								
Endosulfan II	ND	0.00100	"								
Endosulfan I	ND	0.00100	"								
Dieldrin	ND	0.00100	"								
delta-BHC	ND	0.00100	"								
Chlordane, total	ND	0.00400	"								
beta-BHC	ND	0.00100	"								
alpha-BHC	ND	0.00100	"								
Aldrin	ND	0.00100	"								
4,4'-DDT	ND	0.00100	"								
4,4'-DDE	ND	0.00100	"								
4,4'-DDD	ND	0.00100	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1221	ND	0.0500	"								
Aroclor 1016	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.215*		*"*	*0.200*		*108*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.202*		*"*	*0.200*		*101*	*30-150*				

YORK
ANALYTICAL LABORATORIES, INC.

Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10492 - EPA SW846-3510C Low Level											
LCS (BH10492-BS1)						Prepared: 08/12/2011 Analyzed: 08/16/2011					
Methoxychlor	0.0502	0.00500	ug/L	0.100		50.2	40-140				
Heptachlor epoxide	0.0590	0.00100	"	0.100		59.0	40-140				
Heptachlor	0.0587	0.00100	"	0.100		58.7	40-140				
gamma-BHC (Lindane)	0.0622	0.00100	"	0.100		62.2	40-140				
Endrin ketone	0.0605	0.00100	"	0.100		60.5	40-140				
Endrin aldehyde	0.0550	0.00100	"	0.100		55.0	40-140				
Endrin	0.0579	0.00100	"	0.100		57.9	40-140				
Endosulfan sulfate	0.0573	0.00100	"	0.100		57.3	40-140				
Endosulfan II	0.0617	0.00100	"	0.100		61.7	40-140				
Endosulfan I	0.0642	0.00100	"	0.100		64.2	40-140				
Dieldrin	0.0625	0.00100	"	0.100		62.5	40-140				
delta-BHC	0.0648	0.00100	"	0.100		64.8	40-140				
beta-BHC	0.0759	0.00100	"	0.100		75.9	40-140				
alpha-BHC	0.0652	0.00100	"	0.100		65.2	40-140				
Aldrin	0.0658	0.00100	"	0.100		65.8	40-140				
4,4'-DDT	0.0550	0.00100	"	0.100		55.0	40-140				
4,4'-DDE	0.0601	0.00100	"	0.100		60.1	40-140				
4,4'-DDD	0.0616	0.00100	"	0.100		61.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.236*		*"*	*0.200*		*118*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.192*		*"*	*0.200*		*96.2*	*30-150*				
LCS (BH10492-BS2)						Prepared: 08/12/2011 Analyzed: 08/17/2011					
Aroclor 1260	0.708	0.0500	ug/L	1.00		70.8	40-140				
Aroclor 1016	0.743	0.0500	"	1.00		74.3	40-140				
Surrogate: Tetrachloro-m-xylene	*0.230*		*"*	*0.200*		*115*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.221*		*"*	*0.200*		*110*	*30-150*				
LCS Dup (BH10492-BSD1)						Prepared: 08/12/2011 Analyzed: 08/16/2011					
Methoxychlor	0.0495	0.00500	ug/L	0.100		49.5	40-140		1.43	200	
Heptachlor epoxide	0.0532	0.00100	"	0.100		53.2	40-140		10.5	200	
Heptachlor	0.0515	0.00100	"	0.100		51.5	40-140		13.2	200	
gamma-BHC (Lindane)	0.0543	0.00100	"	0.100		54.3	40-140		13.5	200	
Endrin ketone	0.0551	0.00100	"	0.100		55.1	40-140		9.38	200	
Endrin aldehyde	0.0506	0.00100	"	0.100		50.6	40-140		8.41	200	
Endrin	0.0539	0.00100	"	0.100		53.9	40-140		7.14	200	
Endosulfan sulfate	0.0516	0.00100	"	0.100		51.6	40-140		10.6	200	
Endosulfan II	0.0557	0.00100	"	0.100		55.7	40-140		10.3	200	
Endosulfan I	0.0574	0.00100	"	0.100		57.4	40-140		11.1	200	
Dieldrin	0.0576	0.00100	"	0.100		57.6	40-140		8.14	200	
delta-BHC	0.0519	0.00100	"	0.100		51.9	40-140		22.2	200	
beta-BHC	0.0689	0.00100	"	0.100		68.9	40-140		9.67	200	
alpha-BHC	0.0548	0.00100	"	0.100		54.8	40-140		17.3	200	
Aldrin	0.0569	0.00100	"	0.100		56.9	40-140		14.5	200	
4,4'-DDT	0.0509	0.00100	"	0.100		50.9	40-140		7.75	200	
4,4'-DDE	0.0546	0.00100	"	0.100		54.6	40-140		9.69	200	
4,4'-DDD	0.0580	0.00100	"	0.100		58.0	40-140		6.07	200	
Surrogate: Tetrachloro-m-xylene	*0.234*		*"*	*0.200*		*117*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.192*		*"*	*0.200*		*96.1*	*30-150*				

YORK
ANALYTICAL LABORATORIES, INC.

Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10492 - EPA SW846-3510C Low Level											
LCS Dup (BH10492-BSD2)						Prepared: 08/12/2011 Analyzed: 08/17/2011					
Aroclor 1260	0.605	0.0500	ug/L	1.00		60.5	40-140		15.8	200	
Aroclor 1016	0.653	0.0500	"	1.00		65.3	40-140		12.9	200	
Surrogate: Tetrachloro-m-xylene	*0.238*		*"*	*0.200*		*119*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.220*		*"*	*0.200*		*110*	*30-150*				

YORK
ANALYTICAL LABORATORIES, INC.

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10662 - EPA SW 846-3010A											
Blank (BH10662-BLK1)							Prepared & Analyzed: 08/16/2011				
Aluminum	ND	0.010	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.010	"								
Barium	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.020	"								
Chromium	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper	ND	0.005	"								
Iron	ND	0.010	"								
Lead	ND	0.003	"								
Magnesium	ND	0.020	"								
Manganese	ND	0.005	"								
Nickel	ND	0.005	"								
Potassium	ND	0.050	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Sodium	ND	0.100	"								
Thallium	ND	0.010	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.020	"								
Reference (BH10662-SRM1)							Prepared & Analyzed: 08/16/2011				
Aluminum	0.554	0.010	mg/L	0.602		92.0	78.4-121				
Antimony	0.459	0.005	"	0.470		97.6	69.8-121				
Arsenic	0.511	0.010	"	0.547		93.3	83.9-117				
Barium	0.311	0.010	"	0.301		103	86.7-113				
Beryllium	0.334	0.001	"	0.350		95.6	84.9-113				
Cadmium	0.234	0.003	"	0.239		97.8	84.9-114				
Chromium	0.612	0.005	"	0.626		97.7	87.1-113				
Cobalt	0.409	0.005	"	0.404		101	87.6-112				
Copper	0.189	0.005	"	0.184		103	89.1-111				
Iron	0.351	0.010	"	0.365		96.2	87.4-114				
Lead	0.477	0.003	"	0.466		102	86.9-113				
Manganese	0.277	0.005	"	0.265		104	89.1-111				
Nickel	0.619	0.005	"	0.611		101	90-112				
Selenium	0.816	0.010	"	0.928		87.9	79.4-115				
Silver	0.240	0.005	"	0.260		92.2	85.8-115				
Thallium	0.701	0.010	"	0.670		105	81.8-119				
Vanadium	0.346	0.010	"	0.363		95.4	87.6-112				
Zinc	0.473	0.020	"	0.498		95.0	85.7-115				

YORK
ANALYTICAL LABORATORIES, INC.

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10662 - EPA SW 846-3010A											
Reference (BH10662-SRM2)						Prepared & Analyzed: 08/16/2011					
Calcium	35.1	0.020	mg/L	35.3		99.3	86.1-114				
Magnesium	29.8	0.020	"	31.4		95.0	86-114				
Potassium	27.5	0.050	"	26.8		103	85.1-115				
Sodium	56.0	0.100	"	58.1		96.4	85-115				

YORK
ANALYTICAL LABORATORIES, INC.

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH10500 - EPA SW846-7470											
Blank (BH10500-BLK1)						Prepared & Analyzed: 08/12/2011					
Mercury	ND	0.0002000	mg/L								
LCS (BH10500-BS1)						Prepared & Analyzed: 08/12/2011					
Mercury	0.003012	0.0002000	mg/L	0.00300		100	80-120				
LCS (BH10500-BS2)						Prepared & Analyzed: 08/12/2011					
Mercury	0.002891	0.0002000	mg/L	0.00300		96.4	80-120				

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
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

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. 11H0458

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Ecosystems	Company: Same	Company: Brenda	LM09015.20	RUSH - Same Day ☐	Summary Report ___
Address: 24 Davis Ave	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary X
POK, NY 12603			Purchase Order No.	RUSH - Two Day ☐	CT RCP Package ___
Phone No. 845-452-1658	Phone No.	Phone No.		RUSH - Three Day ☐	NY ASP A Package ___
Contact Person: Adam	Attention:	Attention:		RUSH - Four Day ☐	NY ASP B Package ___
E-Mail Address: mail@ecosystems...	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X NJ___	Standard(5-7 Days) ☐	*Electronic Deliverables:* EDD (Specify Type) ___ 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)

Adam Atkinson
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	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot.Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

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)
MW-1	8-9-2011	GW	VOC, PAH, TAL metal, PCB, Pest	(2) 40 ml vial (1) 250 ml plastic (2) 32 oz Amber
MW-2	↓	↓	↓	↓
MW-3	X	X	X	X

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Samples Relinquished By — Date/Time 8/11/11 10:05 AM

Samples Received By — Date/Time 8-11-11 10:05

Samples Relinquished By — Date/Time

Samples Received in LAB by — Date/Time 8/11/11 1550

Temperature on Receipt 4.9 °C