4, 6, 8, 10 AND 12 GOUVERNEUR PLACE

BOROUGH OF BRONX, NEW YORK

Remedial Investigation Report

NYC BCP Site Number: 12CBPC017X
E-Designation #: 11EHAZ143X

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November 2011

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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 4,6,8,10,and 12 Gouverneur Place Site, (NYC BCP Site No. **12CBPC017X**). 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	11/29/11	Paul H Ciminello
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 4, 6, 8, 10 and 12 in Bronx, New York and is identified as Block 2388, lots 16-20 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 12,350-square feet and is bounded by Gouverneur Place to the north, to the south by a warehouse, vacant lot to the east, and parking lot and residential buildings to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant and contains a paved/stone parking lot with a small shed and an asphalt-paved parking area in the northern portion of the property.

Summary of Proposed Redevelopment Plan

The proposed development includes a 7-story plus cellar administrative and residential structure. The cellar area is proposed to contain utility rooms, storage, and office space. The first floor is proposed to contain offices and common space. Floors 2 through 7 will be used for residential units. The northern portion of the site will contain an approximately 42’ by 130’ rear yard, consisting of a paved concrete surfacing and ‘Play Surface.’ The foundation excavation will extend to approximately 12 feet below grade across the building footprint and to approximately 2-3 feet below grade in the area of the proposed rear yard. Excavation is not anticipated to extend below the water table at 20 feet below grade.

Summary of Past Uses of Site and Areas of Concern

From 1909-1978 the site consisted of five city lots, each containing a four-story residential apartment building. In a 1978 map, two of the on-site structures (located at Lots 17 and 18) are no longer present on the site. By 1989 the remaining structures on the Site are gone. From 1989 to the present the site has been used as a parking lot.

The Site is currently owned by Westhab Inc.

The AOCs identified for this site include:

1. Historic fill material;
2. Historic use of the property as a parking lot; and
3. Automotive repair, manufacturing, and/or industrial uses on adjoining and/or surrounding area properties.

Summary of the Work Performed under the Remedial Investigation

ESI performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Extended eight soil borings across the entire project Site, and collected sixteen soil samples from various depths for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three (3) groundwater monitoring wells throughout the Site to establish groundwater flow and collected groundwater samples from each well (3 samples total) for chemical analyses of VOCs, SVOCs, Pesticides/PCBs and metals to evaluate groundwater quality;
4. Installed six (6) soil vapor probes around Site perimeter and collected one (6) samples for chemical analysis of VOCs.

Summary of Environmental Findings

1. Elevation of the property is approximately 40’ feet.
2. Depth to groundwater ranges from 16’ bgs to 21’ feet bgs at the Site.
3. Groundwater flow is generally from northeast to southeast.

4. Depth to bedrock is not known at this Site; borings extended 23 feet below surface grade did not encounter bedrock.

5. The stratigraphy of the site, from the surface down, consists of approximately 8 feet of fill/ sand material underlain by at least 6 feet of yellowish-brown sandy clays. The depth of fill material is greater in certain areas of the Site.

6. Soil/fill samples collected during the RI showed no PCBs. No VOCs or pesticides were detected above their NYSDEC Part 375 Unrestricted Use (Track 1) Soil Cleanup Objectives (UUSCOs). The only VOCs detected on site were petroleum-related and found at extremely low levels (max of 0.036 mg/kg). No chlorinated VOCs were detected in any sample. SVOC exceedances of Track 1 UUSCOs were limited to three SVOCs (m-cresol, p-cresol, and dibenzo(a,h) anthracene) in 2 of 8 shallow soil samples; the PAH benzo(a)pyrene was also identified above its Track 2 Restricted Residential SCO (RRSCO) in one shallow soil sample. Several metals were identified above their respective Track 1 UUSCOs, and, of these, barium, cadmium, and lead also exceed their Track 2 RRSCOs in shallow soil samples. There is no evidence of a substantial source of contaminants in soil onsite. The levels of SVOCs and metals are consistent with observations of historic fill.

7. Groundwater samples collected during the RI showed no SVOCs or PCBs. The only VOCs detected above Groundwater Quality Standards (GQSs) were 1,1,1-trichloroethane (1,1,1-TCA) and methylene chloride. Methylene chloride was found in all samples, including the laboratory blank, indicating the influence of laboratory operations rather than conditions onsite. 1,1,1-TCA was identified below its GQS at upgradient well MW-2 at a concentration of 1.7 ug/L, and at downgradient well MW-3 at 18 ug/L which is above its GQS of 5 ug/L. However, 1,1,1-TCA and chlorinated VOCs were not identified in any of the twenty four on-site soil samples.. All other VOCs, including PCE and TCE, that were identified in groundwater were found at very low levels (below GQSs). No dissolved metals were identified above GQSs except for magnesium and selenium. Metals findings indicate that there is likely saline intrusion or road salting impacts to local groundwater. There is no evidence of a substantial source of contaminants onsite.

8. Soil vapor samples collected during the RI showed numerous VOCs detected at generally low to moderate concentrations, including 1,1,1-trichloroethane, TCE, and PCE which are the subject of NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006) Decision Matrices. 1,1,1-trichloroethane was identified in two samples at a maximum concentration of 40 ug/m3, PCE was identified in one sample at 22 ug/m3, and TCE was identified in one sample at 9 ug/m3.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Westhab, Inc. has applied for enrollment in the New York City Brownfield Cleanup Program (NYC BCP) to investigate and remediate a 1/4-acre site located at 4, 6, 8, 10 and 12 Gouverneur Place in Bronx, New York. Residential use is proposed for the property. The RI work was performed between September 2008 and June 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 4, 6, 8, 10 and 12 in Bronx, New York and is identified as Block 2388, lots 16-20 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 12,350-square feet and is bounded by Gouverneur Place to the north, to the south by a warehouse, vacant lot to the east, and parking lot and residential buildings to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant and contains a paved/stone parking lot with a small shed and an asphalt-paved parking area in the northern portion of the property.

1.2 PROPOSED REDEVELOPMENT PLAN

The proposed future use of the Site will consist of a seven story multi-family residential apartment complex. Layout of the proposed site development is presented in Figure 3. The current zoning designation is M1-1/R7-2. The proposed use is consistent with existing zoning for the property.

The proposed development includes a 7-story plus cellar administrative and residential structure. The cellar area is proposed to contain utility rooms, storage, and office space. The first floor is proposed to contain offices and common space. Floors 2 through 7 will be used for residential units. The northern portion of the site will contain an approximately 42’ by 130’ rear

yard, consisting of a paved concrete surfacing and 'Play Surface.' The foundation excavation will extend to approximately 12 feet below grade across the building footprint and to approximately 2-3 feet below grade in the area of the proposed rear yard. Excavation is not anticipated to extend below the water table at 20 feet below grade.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

The site is located in a manufacturing and residential neighborhood. Within 500 foot radius of the Site, there is a variety of land uses including: vacant land, institutional, industrial, commercial, transportation and parking, public facilities, residential buildings (one to multi-family residential apartments) and mixed residential and commercial facilities. Properties located within ¼ mile radius from the Site are zoned R6, R7-2, R7-1 (general residence district) and M1-1, M1-1/R7-2 and MX7 (general manufacturing district) and C2-4 (commercial district).

No day care facilities, hospitals, schools, streams, wetlands or other sensitive receptors were identified within 500 feet from the site. Figure 4 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 PAST USES AND OWNERSHIP

Documentation of Site history is based on historic insurance maps and City records. From 1909-1978, historic maps show the site as five city lots, each containing a four-story residential apartment building. In the 1978 map, two of the on-site structures (located at Lots 17 and 18) are no longer shown to be present on site. By 1989, the remaining structures on the Site are gone. From 1989 to the present the site has been used as a parking lot.

The Site is currently owned by Westhab Inc.

2.2 PREVIOUS INVESTIGATIONS

A combined Phase I and Phase II Environmental Site Assessment (ESA) report, dated October 2008 was performed at the Site by Ecosystems Strategies, Inc. (ESI) and is included as appendix A. A composite map of all historical features of environmental significance has been developed from direct Site inspection(s) and inspection of all Sanborn Fire Insurance Maps and

other sources, and is presented in Figure 4. This map provides that basis for identification of AOCs for this Site, discussed in the next section of this RIR.

The results of the October 2008 investigation are incorporated into the interpretation of Soil Chemistry in section 5.2 of this RIR.

2.3 SITE INSPECTION

Additional Phase II ESA services were performed in May 2011. The scope of work was based on a NYCDEP approved Remedial Investigation Work Plan (RIWP). All investigative work was completed under the oversight of Paul H. Ciminello, a Qualified Environmental Professional.

2.4 AREAS OF CONCERN

The AOCs identified for this site include:

1. Historic fill material;
2. Historic use of the property as a parking lot; and
3. Automotive repair, manufacturing, and/or industrial uses on adjoining and/or surrounding area.

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 Professional (QEP) responsible for preparation of this RIR is Paul H.Ciminello.

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. The Health and Safety Plan (HASP) is included in Appendix A.

3.3 MATERIALS MANAGEMENT

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

ESI performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed sixteen soil borings (eight in 2008 and eight in 2011) across the entire project Site, and collected twenty-four soil samples (eight in 2008 for limited analysis and sixteen in 2011) for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three (3)groundwater monitoring wells throughout the Site to establish groundwater flow and collected three (3) groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed six (6) soil vapor probes around Site perimeter and collected six (6) samples for chemical analysis.

All work was performed in accordance with the HASP in Appendix A. Specific detailed descriptions of investigation tasks are included in the following sections.

4.1 GEOPHYSICAL INVESTIGATION

Geophysical work performed during the RI consisted of a ground penetrating radar (GPR) survey. The survey was performed in May 2011, by Utility Survey Corp., utilizing a GPR control unit and an antenna over all accessible portions of the Site in a grid fashion. The purpose of the GPR survey was to confirm the presence/absence of any underground storage tanks (USTs), and to clear all sampling locations of subsurface obstructions such as underground utilities and piping during remedial work.

The survey was performed in all accessible portions of the Site over a grid pattern that was determined prior to the survey. The GPR operator wheeled the antenna over the predetermined grid. The GPR takes one “scan” per set unit. The number of scans per unit is based upon the estimated size of targets. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the difference in the dielectric constants of the subsurface materials. The differences

in amplitude obtained during each scan are graphically displayed on the control unit, which are then interpreted by the GPR operator. The GPR survey was performed successfully over all portions of the site.

Two subsurface anomalies approximately 2 feet long and 2 feet wide were identified at the north and northeastern portions of the Site. The anomalies are likely indicative of past underground utilities. Neither anomaly is considered to be evidence of a UST. The approximate location of both anomalies are shown on Figure 2 (Site Features Map).

4.2 BORINGS AND MONITORING WELLS

Drilling and Soil Logging

Eight soil borings designated as B-1 through B-8 were extended as part of the RI. These eight borings supplemented information gathered from eight borings extended in 2008, as discussed in Appendix A. All soil borings were extended by personnel from Zebra Environmental Corporation (Zebra) using a mechanized, track-mounted Geoprobe direct-push corer equipped with disposable acetate sleeves (used to prevent the cross contamination of soil samples). Sampling was conducted at each boring location at five-foot intervals to a maximum depth of fifteen feet below grade or until refusal was reached. The soil was screened and characterized at two foot intervals. Two soil samples from each soil probe were obtained for confirmatory analyses. If no PID readings or no in-field observation of contamination were noted, the soil samples from 0 to 2 feet and the deepest dry soil sample were obtained. Eight (8) shallow soil samples and 8 deep soil samples, for a total of 16 soil samples, were obtained from the Site.

Boring logs were prepared by a Qualified Geologist for all soil samples to document subsurface conditions including, without limitation: soil types and description of non-soil materials; characterization of soils from field instrument measurements (i.e. photoionization detector (PID); depth to groundwater; presence of odor, vapor, soil discoloration, and free and/or residual product. Boring logs with the aforementioned information are attached in Appendix B. A map showing the location of soil borings and monitor wells is shown in Figure 5.

Groundwater Monitoring Well Construction

Three groundwater monitoring wells (MW-1 to MW-3) were installed at the Site on May 24, 2011 under the direct environmental supervision of ESI. Monitoring well locations are illustrated on the Fieldwork Map, provided as Figure 5.

Each monitoring well was constructed of two-inch PVC casing and 0.01-inch slotted PVC well screening, which extends above the watertable. The maximum depth of these monitoring well depths is 23 feet bsg.

The annular spaces between well screens and boreholes were backfilled with clean #1 silica sand to a depth of 1 to 2 feet above the well screen. A one-foot thick bentonite seal was poured down the borehole above the sand pack and allowed to hydrate before grouting the remaining annular space with cement. The wells are secured with a locked drive over steel casing secured with screw-on cap. Monitoring well construction logs are presented in Table 1.

MW-1 is located in the northern portion of the site near the sidewalk, MW-2 is located in the eastern portion of the property also, near the sidewalk and MW-3 is located in the south central portion of the property. The locations were selected to provide adequate coverage of the entire site.

Monitor well locations are shown in Figure 5.

Survey

Monitoring wells were properly installed and surveyed relative to a permanent surface benchmark.

Water Level Measurement

The direction of groundwater flow was determined based on elevations of static groundwater, measured prior to water quality sample collection using an electronic depth meter accurate to the nearest 0.01-foot.

Elevation data document static water levels at 16’ to 20’ below surface grade, moving in a southeasterly direction.

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

All soil samples were obtained in a manner consistent with NYSDEC sample collection and decontamination protocols, using dedicated disposable gloves, and were directly placed into laboratory supplied glassware. Samples were collected directly from the acetate sleeves.

All soil borings were extended using a mechanized track-mounted Geoprobe direct-push corer equipped with disposable acetate sleeves (used to prevent the cross contamination of soil samples). Sampling was conducted at each boring location at five-foot intervals to a maximum depth of fifteen feet bsg or until refusal was reached. The sampling instrument was decontaminated prior to the initiation of fieldwork and after the collection of each sample. Decontamination procedures were consistent with established NYSDEC protocols.

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.

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 ESI logs for each boring location is summarized in 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.

All sample containers were placed in a cooler immediately after sample collection and were maintained at cold temperatures prior to transport to the laboratory. The soil 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.

Sixteen 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 Table 1. Figure 5 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

Monitoring wells (MW-1 to MW-3) were developed by ESI 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. 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 following the USEPA Low-Flow Method. All sampling was conducted using the Horiba® (set to record parameter levels at three minute intervals), dedicated plastic tubing and a peristaltic pump. No evidence of contamination was observed for the monitoring wells (MW-1- MW-3).

Groundwater samples from onsite monitoring wells (MW-1 to MW-3) were collected on June 22, 2011.

Prior to sampling, 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. All

wells were purged and sampled following the USEPA Low-Flow Method. All sampling was conducted using the Horiba® (set to record parameter levels at three minute intervals), dedicated plastic tubing and a peristaltic pump. All wells were purged at a flow rate between 100 and 200 ml per minute, for a period of no less than 15 minutes. Flow rate was determined using a graduated cylinder and a stopwatch.

Sample collection occurred after the initial 15 minute period when field parameters stabilized (achieved when three consecutive readings were within the required parameters specified by the USEPA protocol). Each groundwater sample was collected in laboratory supplied glassware (40 ml vials, 1 liter amber jars and 250 ml plastic jars, preserved with acid as appropriate for the specific analysis). No groundwater samples were filtered prior to submission to the laboratory. After sample collection, the containers were placed in a cooler prior to laboratory pick-up. All samples were accompanied by proper chain of custody documentation.

Three groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in Table 2. Sampling logs with information on purging and sampling of groundwater monitor wells is included in Appendix C. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Soil gas samples were collected by lowering an air-stone attached to ¼" Teflon tubing into the boring hole. 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 a summa canister.

The 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.

Six soil vapor probes were installed and six soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 6. Soil vapor sampling logs are included in Appendix

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

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Robert Bradley
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were York Analytical Laboratories, Inc., (ELAP Certification Number 10854)
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Table 4, 5 & 6, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in Appendix D, E & F.

5.0 ENVIRONMENTAL EVALUATION

5.1 GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS

Stratigraphy

Subsurface soils exposed during the extension of borings throughout the subject property generally consisted of variable-texture fill materials from the surface to approximately 8-10 feet below surface grade overlying yellowish-brown sandy clays.

Hydrogeology

The direction of groundwater flow was determined based on elevations of static groundwater, measured prior to water quality sample collection using an electronic depth meter accurate to the nearest 0.01-foot. Groundwater was reached on the site between 16.50' and 21' bsg (recorded at MW-1 - MW-3, respectively) and the direction of groundwater flow was determined to be in a southeasterly direction. The direction of groundwater flow is indicated in Figure 6 in Figures. The rate of groundwater flow was not determined.

A table of water level data for all monitor wells is included in Table 2. The average depth to groundwater is 20' and the range in depth is 16.50' to 21'. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 6. Groundwater flow is from northeast to southeast.

5.2 SOIL CHEMISTRY

Soil/fill samples collected during the RI showed no PCBs. No VOCs or pesticides were detected above their NYSDEC Part 375 Unrestricted Use (Track 1) Soil Cleanup Objectives (UUSCOs). The only VOCs detected on site were petroleum-related and found at extremely low levels (max of 0.036 mg/kg). No chlorinated VOCs were detected in any sample. SVOC exceedances of Track 1 UUSCOs were limited to three SVOCs (m-cresol, p-cresol, and

dibenzo(a,h) anthracene) in 2 of 8 shallow soil samples; the PAH benzo(a)pyrene was also identified above its Track 2 Restricted Residential SCO (RRSCO) in one shallow soil sample. Several metals were identified above their respective Track 1 UUSCOs, and, of these, barium, cadmium, and lead also exceed their Track 2 RRSCOs in shallow soil samples. There is no evidence of a substantial source of contaminants in soil onsite. The levels of SVOCs and metals are consistent with observations of historic fill.

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 3. Figure 7 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 GROUNDWATER CHEMISTRY

Groundwater samples collected during the RI showed no SVOCs or PCBs. The only VOCs detected above Groundwater Quality Standards (GQSs) were 1,1,1-trichloroethane (1,1,1-TCA) and methylene chloride. Methylene chloride was found in all samples, including the laboratory blank, indicating the influence of laboratory operations rather than conditions onsite. 1,1,1-TCA was identified below its GQS at upgradient well MW-2 at a concentration of 1.7 ug/L, and at downgradient well MW-3 at 18 ug/L which is above its GQS of 5 ug/L. However, 1,1,1-TCA and chlorinated VOCs were not identified in any of the twenty four on-site soil samples.. All other VOCs, including PCE and TCE, that were identified in groundwater were found at very low levels (below GQSs). No dissolved metals were identified above GQSs except for magnesium and selenium. Metals findings indicate that there is likely saline intrusion or road salting impacts to local groundwater. There is no evidence of a substantial source of contaminants onsite.

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 3. Figure 8 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 SOIL VAPOR CHEMISTRY

Soil vapor samples collected during the RI showed various petroleum-related and chlorinated VOCs detected at generally low to moderate concentrations, including 1,1,1-TCA, TCE, and PCE which are the subject of NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006) Decision Matrices. 1,1,1-TCA was identified in two samples at a maximum concentration of 40 ug/m3, PCE was identified in one sample at 22 ug/m3, and TCE was identified in one sample at 9 ug/m3.

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 3.

Figure 9 shows the location and posts the values for soil vapor samples with detected concentrations.

5.5 PRIOR ACTIVITY

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

5.6 IMPEDIMENTS TO REMEDIAL ACTION

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

FIGURES

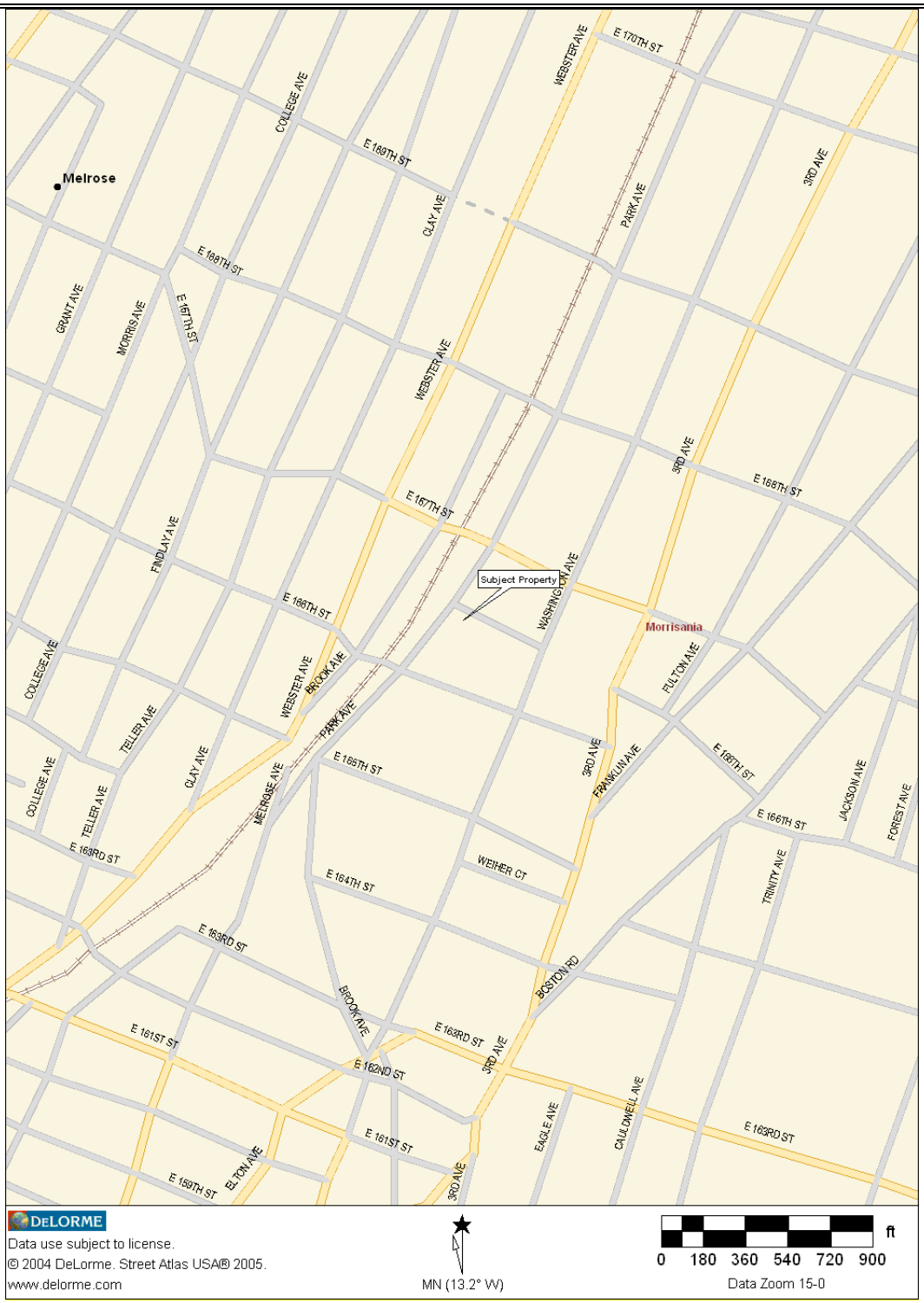


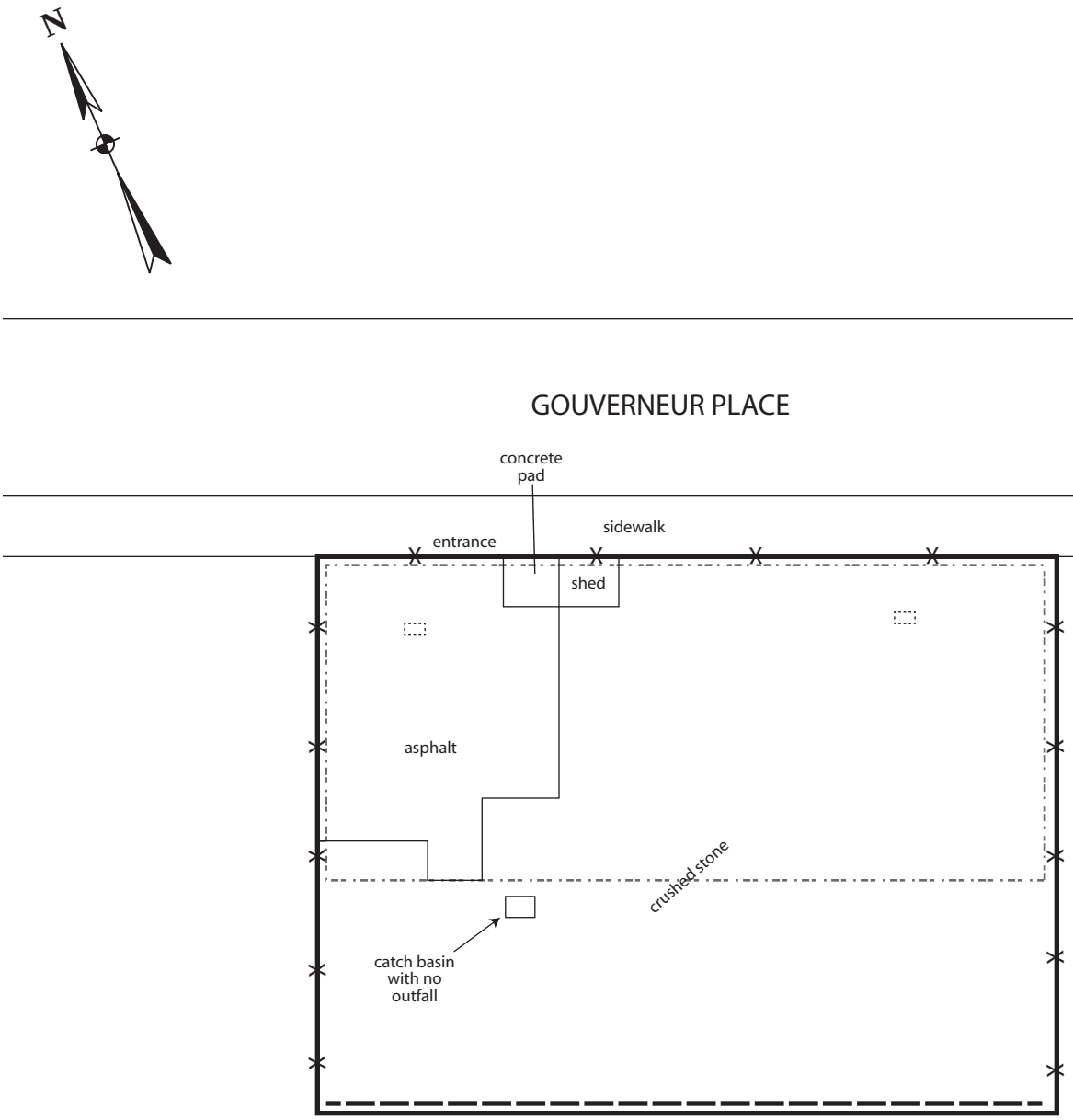
Figure 1: Site Location Map
4, 6, 8, 10, and 12 Gouverneur Place
Borough of Bronx, New York

N

ESI File: WB08037.50

November 2011

Figures



All feature locations are approximate. Map based on survey map by Gerald T. Olecley, PLS

Figure 2: Site Features Map

4, 6, 8,10 and 12 Gouverneur Place
Borough of Bronx, New York

Legend:
- subject property border
- chain link fence
- proposed building
- GPR anomaly
- brick wall

ESI File: WB08037.50

November 2011

Scale: 1" = 31'

Figures

FIGURE 3

Redevelopment Plan

FIGURE 3

BORING No. B-1

TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C.

PROJECT No. 5453.01 | PROJECT: 450-458 Gouverneur Place | LOCATION: Bronx, NY | SHEET No. 1 of 2

CLIENT: Westhab, Inc.
CONTRACTOR: Craig Test Boring Co., Inc.
METHOD OF ADVANCING BORING | DIA. | DEPTH
POWER AUGER: | TO
ROT. DRILL: 3 7/8" | 0 TO 42'
CASING: 4" | 0 TO 15'
DIAMOND CORE: NQ | 42 TO 47'
CME 75 Truck Rig with Auto Hammer

GROUND WATER: DATE 3/17/10 | TIME 10:00 am | DEPTH 13.5'
MON. WELL ☐ YES ☒ NO
SCREEN DEPTH: --- TO ---
WEATHER: Clear TEMP: 45° F
DEPTH TO ROCK: 42'
*CHANGES IN STRATA ARE INFERRED

INSPECTOR: Adam Watson
DRILLER: Joe Schuster
SURFACE ELEVATION: 30.6
DATUM: See Remarks
DATE START: 3/17/10
DATE FINISH: 3/17/10

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BLW/6 IN.)	SAMPLE NUMBER	RECOV. LENGTH (IN.)	RECOV. RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	ELEVATION (FT.)
1	19	11 9 10 15	S-1	12		M		2" Clean 3/4" Stone Wht-bwn c-f SAND, ash, construction debris (FILL) (Class 7)	
3	10	10 6 4 3	S-2	15		M		Same (FILL) (Class 7)	
5	22	6 10 12 2	S-3	12		M		Bwn c-f SAND, some Silt (FILL) (Class 7)	25.6
7	2	2 1 1 1	S-4	8		M		Same (FILL) (Class 7)	
9	5	2 2 3 2	S-5	3		M	SP	Same (FILL) (Class 7) Bwn c-f SAND, trace Silt (Class 6)	20.6
11	16	7 8 8 6	S-6	15		M	SP	Bwn c-f SAND, some c-f Gravel, trace Silt (Class 3B)	15.6
16	7	5 3 4 3	S-7	18		W	ML	Bwn SILT, little f Sand, (Class 6)	10.6
21	18	8 10 10 12	S-8	12		W	SP	Bwn c-f SAND, some c-f Gravel, trace Silt (Class 3B)	5.6

REMARKS: Surface elevation datum references Sewer Manhole adjacent to site entrance at El. +28.26 feet based on survey by Erlandsen-Crowell & Shaw, dated 2/18/10. Depth to rock based on rotary refusal. Weathered rock may be encountered at higher elevations.

BORING LOG 5453-01.GPJ - TECTONIC ENG.GDT 4/20/10

BORING No. B-1

TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C.

PROJECT No. 5453.01 | PROJECT: 450-458 Gouverneur Place | LOCATION: Bronx, NY | SHEET No. 2 of 2

CLIENT: Westhab, Inc.
CONTRACTOR: Craig Test Boring Co., Inc.

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BLW/6 IN.)	SAMPLE NUMBER	RECOV. LENGTH (IN.)	RECOV. RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	ELEVATION (FT.)
26	13	7 5 8 10	S-9	14		W	SP	Same (Class 3B)	
31	27	9 12 15 11	S-10	15		W	SM	Bwn c-f SAND, some Silt (Class 3B)	0.6
36	50+	19 50/3	S-11	5		W	SM	Gy c-f SAND, little Silt (Class 3A)	-4.4
40	50+	50/1	S-12	1		W	SM	Apparent weathered rock, when sampled: Gy c-f SAND, little Silt (Class 1D)	-9.4
44			C-1	55/60	77			Wh, slightly weathered, moderately to slightly fractured, f grained, moderately hard, MARBLE, fractures oriented 45 degrees from horizontal (Class 1C)	-14.4
								End of Boring at 47'	-19.4

REMARKS: Surface elevation datum references Sewer Manhole adjacent to site entrance at El. +28.26 feet based on survey by Erlandsen-Crowell & Shaw, dated 2/18/10. Depth to rock based on rotary refusal. Weathered rock may be encountered at higher elevations.

BORING LOG 5453-01.GPJ - TECTONIC ENG.GDT 4/20/10

BORING No. B-2

TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C.

PROJECT No. 5453.01 | PROJECT: 450-458 Gouverneur Place | LOCATION: Bronx, NY | SHEET No. 1 of 2

CLIENT: Westhab, Inc.
CONTRACTOR: Craig Test Boring Co., Inc.
METHOD OF ADVANCING BORING | DIA. | DEPTH
POWER AUGER: | TO
ROT. DRILL: 3 7/8" | 0 TO 38'
CASING: 4" | 0 TO 38'
DIAMOND CORE: NQ | 38 TO 48'
CME 75 Truck Rig with Auto Hammer

GROUND WATER: DATE 3/16/10 | TIME 1:00 pm | DEPTH 13.5'
MON. WELL ☐ YES ☒ NO
SCREEN DEPTH: --- TO ---
WEATHER: Overcast TEMP: 55° F
DEPTH TO ROCK: 38'
*CHANGES IN STRATA ARE INFERRED

INSPECTOR: Adam Watson
DRILLER: Joe Schuster
SURFACE ELEVATION: 30.3
DATUM: See Remarks
DATE START: 3/16/10
DATE FINISH: 3/16/10

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BLW/6 IN.)	SAMPLE NUMBER	RECOV. LENGTH (IN.)	RECOV. RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	ELEVATION (FT.)
1	16	15 11 5 1	S-1	10		M		2" Clean 3/4" Stone Blk/bwn/wh/rd Brick, concrete, asphalt, ash (FILL) (Class 7)	
3	4	3 2 2 2	S-2	3		M		Blk fabric/brick, construction debris (FILL) (Class 7)	
5	3	2 2 1 1	S-3	1		M		Construction debris (FILL) (Class 7)	25.3
7	9	WOH 4 5 3	S-4	6		M	SP	Bwn c-f SAND, little f Gravel, trace Silt (Class 6)	
9	16	7 7 9 5	S-5	14		M	SP	Bwn c-f SAND, little f Gravel, trace Silt (Class 3B)	20.3
11	19	5 8 11 9	S-6	15		M	SP	Same (Class 3B)	15.3
16	6	4 3 3 3	S-7	20		W	ML	Bwn SILT, little f Sand (Class 6)	10.3
21	18	7 8 10 6	S-8	10		W	SP	Bwn c-f SAND, and c-f Gravel, trace Silt (Class 3B)	5.3

REMARKS: Surface elevation datum references Sewer Manhole adjacent to site entrance at El. +28.26 feet based on survey by Erlandsen-Crowell & Shaw, dated 2/18/10. Depth to rock based on rotary refusal. Weathered rock may be encountered at higher elevations.

BORING LOG 5453-01.GPJ - TECTONIC ENG.GDT 4/20/10

BORING No. B-2

TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C.

PROJECT No. 5453.01 | PROJECT: 450-458 Gouverneur Place | LOCATION: Bronx, NY | SHEET No. 2 of 2

CLIENT: Westhab, Inc.
CONTRACTOR: Craig Test Boring Co., Inc.

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BLW/6 IN.)	SAMPLE NUMBER	RECOV. LENGTH (IN.)	RECOV. RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	ELEVATION (FT.)
26	17	6 8 9 9	S-9	8		W	SP	Bwn c-f SAND, trace Silt (Class 3B)	
31	28	6 11 17 17	S-10	15		W	SM	Bwn c-f SAND, little f Gravel, little Silt (Class 3B)	0.3
36	61+	13 11 50/3	S-11	12		W	GM	Bwn c-f GRAVEL, some c-f Sand, little Silt (Class 3A)	-4.7
40			C-1	4/60	0			A few 1 - 3" pieces of Marble (Class 1D)	-9.7
44			C-2	48/60	40			Bwn-wh moderately weathered, moderately fractured, c-f grained, moderately hard, MARBLE with pegmatite folds, fractures oriented 45 degrees from horizontal (Class 1C)	-14.7
								End of Boring at 48'	-19.7

REMARKS: Surface elevation datum references Sewer Manhole adjacent to site entrance at El. +28.26 feet based on survey by Erlandsen-Crowell & Shaw, dated 2/18/10. Depth to rock based on rotary refusal. Weathered rock may be encountered at higher elevations.

BORING LOG 5453-01.GPJ - TECTONIC ENG.GDT 4/20/10

BORING No. B-3

TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C.

PROJECT No. 5453.01 | PROJECT: 450-458 Gouverneur Place | LOCATION: Bronx, NY | SHEET No. 1 of 2

CLIENT: Westhab, Inc.
CONTRACTOR: Craig Test Boring Co., Inc.
METHOD OF ADVANCING BORING | DIA. | DEPTH
POWER AUGER: | TO
ROT. DRILL: 3 7/8" | 0 TO 43'
CASING: 4" | 0 TO 35'
DIAMOND CORE: | TO
CME 75 Truck Rig with Auto Hammer

GROUND WATER: DATE 3/18/10 | TIME 9:00 am | DEPTH 13.5'
MON. WELL ☐ YES ☒ NO
SCREEN DEPTH: --- TO ---
WEATHER: Clear TEMP: 60° F
DEPTH TO ROCK: 43'
*CHANGES IN STRATA ARE INFERRED

INSPECTOR: Adam Watson
DRILLER: Joe Schuster
SURFACE ELEVATION: 28.9
DATUM: See Remarks
DATE START: 3/18/10
DATE FINISH: 3/18/10

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BLW/6 IN.)	SAMPLE NUMBER	RECOV. LENGTH (IN.)	RECOV. RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	ELEVATION (FT.)
1	15	9 8 7 5	S-1	10		M		2" Clean 3/4" Stone Asphalt, brick, c-f SAND (FILL) (Class 7)	
3	7	3 3 4 7	S-2	4		M		c-f SAND, brick, ash (FILL) (Class 7)	
5	4	2 2 2 2	S-3	5		M		Same (FILL) (Class 7)	23.9
7	4	2 2 2 2	S-4	12		M		Bwn c-f SAND, some Silt, little f Gravel (FILL) (Class 7)	
9	3	2 2 1 1	S-5	10		M		Same with concrete (FILL) (Class 7)	18.9
11	6	4 3 3 5	S-6	3		M		c-f SAND, concrete, coal (FILL) (Class 7)	
16	13	5 6 7 7	S-7	8		W	ML	Bwn SILT, little f Sand (Class 5B)	13.9
21	7	3 3 4 3	S-8	20		W	ML	Same (Class 6)	8.9

REMARKS: Surface elevation datum references Sewer Manhole adjacent to site entrance at El. +28.26 feet based on survey by Erlandsen-Crowell & Shaw, dated 2/18/10. Depth to rock based on rotary refusal. Weathered rock may be encountered at higher elevations.

BORING LOG 5453-01.GPJ - TECTONIC ENG.GDT 4/20/10

BORING No. B-3

TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C.

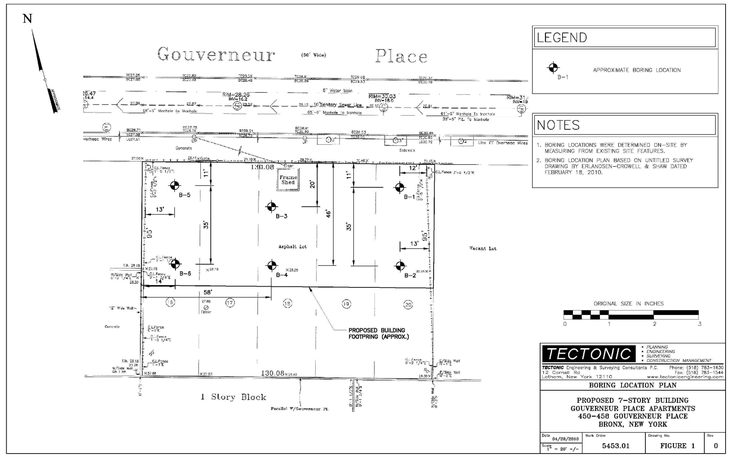
PROJECT No. 5453.01 | PROJECT: 450-458 Gouverneur Place | LOCATION: Bronx, NY | SHEET No. 2 of 2

CLIENT: Westhab, Inc.
CONTRACTOR: Craig Test Boring Co., Inc.

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BLW/6 IN.)	SAMPLE NUMBER	RECOV. LENGTH (IN.)	RECOV. RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	ELEVATION (FT.)
26	14	8 7 7 9	S-9	0				No Recovery	
31	7	5 3 4 4	S-10	0				No Recovery	-1.1
33	19	6 9 10 10	S-11	15		W	SP	Bwn c-f SAND, little f Gravel, trace Silt (Class 3B)	
36	50+	21 50/5	S-12	5		W	GP	Wh c GRAVEL, some c-f Sand (Possible Residual Soil) (Class 2A)	-6.1
41	36	25 18 18 40	S-13	12		W	GP	Bwn-wh Same (Possible Residual Soil) (Class 2A)	-11.1
								End of Boring at 43'	-16.1

REMARKS: Surface elevation datum references Sewer Manhole adjacent to site entrance at El. +28.26 feet based on survey by Erlandsen-Crowell & Shaw, dated 2/18/10. Depth to rock based on rotary refusal. Weathered rock may be encountered at higher elevations.

BORING LOG 5453-01.GPJ - TECTONIC ENG.GDT 4/20/10



PROJECT:

GOUVERNEUR PLACE APARTMENTS
450-458 GOUVERNEUR PLACE
BRONX, NY 10456

OWNER:
WESTHAB, INC.
85 EXECUTIVE BLVD.
ELMSFORD, NEW YORK 10523
TEL: (914) 345-2800
FAX: (914) 345-3139

ARCHITECT:
SLCE*Architects*
841 BROADWAY
NEW YORK, NEW YORK 10003
TEL: (212) 979-8400
FAX: (212) 979-8387

STRUCTURAL:
DE NARDIS ENGINEERING, L.L.C.
15 RESERVOIR ROAD
WHITE PLAINS, NEW YORK 10603
TEL: (914) 948-8844
FAX: (914) 948-8868

MECHANICAL ENGINEER:
JOHN DI BARI CONSULTING ENGINEERS
99 MAIN STREET
DOBBS FERRY, NEW YORK 10522
TEL: (914) 479-9705
FAX: (914) 479-1234

LANDSCAPE ARCHITECT:
THE RBA GROUP
27 UNION SQUARE WEST
NEW YORK, NY 10003
TEL: (212) 741-8090
FAX: (212) 633-1205

No:	Date:	Revision:
	07/09/10	DOB SUBMISSION
	04/28/10	PROGRESS SET TO OWNER

NORTH ARROW SCALE

KEY PLAN:

BORINGS

SEAL & SIGNATURE:

DATE:
PROJECT No: #2008-67
DRAWN BY:
CHECKED BY:
DWG. No:

B001.00

DRAWING 3 OF 47

CAD FILE No: T:\Gouverneur Place Apartments

FIGURE 3

AREA: 12,358 SQ. FT.

NOTE:
THERE ARE NO SUBWAY STRUCTURES LOCATED WITHIN 200 FT. OF THE PROPOSED BUILDING.

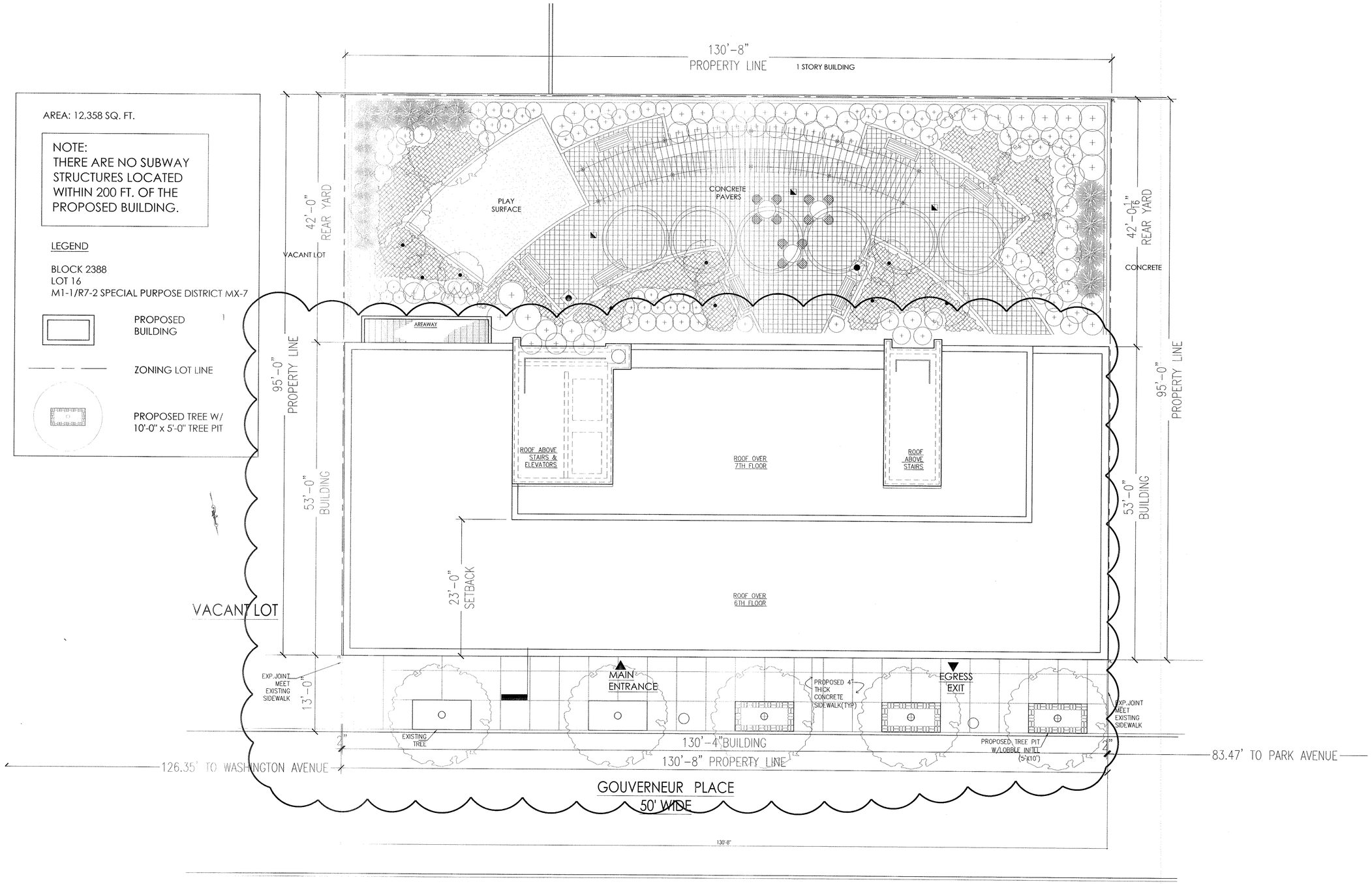
LEGEND

BLOCK 2388
LOT 16
M1-1/R7-2 SPECIAL PURPOSE DISTRICT MX-7

PROPOSED BUILDING

ZONING LOT LINE

PROPOSED TREE W/ 10'-0" x 5'-0" TREE PIT



1 SITE PLAN
1/8" = 1'-0"

PROJECT:

GOUVERNEUR PLACE APARTMENTS
450-458 GOUVERNEUR PLACE
BRONX, NY 10456

OWNER:
WESTHAB, INC.
85 EXECUTIVE BLVD.
ELMSFORD, NEW YORK 10523
TEL: (914) 345-2800
FAX: (914) 345-3139

ARCHITECT:
SLCE*Architects*
841 BROADWAY
NEW YORK, NEW YORK 10003
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STRUCTURAL:
DE NARDIS ENGINEERING, L.L.C.
15 RESERVOIR ROAD
WHITE PLAINS, NEW YORK 10603
TEL: (914) 948-8844
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MECHANICAL ENGINEER:
JOHN DI BARI CONSULTING ENGINEERS
99 MAIN STREET
DOBBS FERRY, NEW YORK 10522
TEL: (914) 479-9705
FAX: (914) 479-1234

LANDSCAPE ARCHITECT:
THE RBA GROUP
27 UNION SQUARE WEST
NEW YORK, NY 10003
TEL: (212) 741-8090
FAX: (212) 633-1205

No:	Date:	Revision:
1	10/25/10	REVISED PER DOB OBJECTION
	07/09/10	DOB SUBMISSION
	04/28/10	PROGRESS SET TO OWNER

NORTH ARROW SCALE

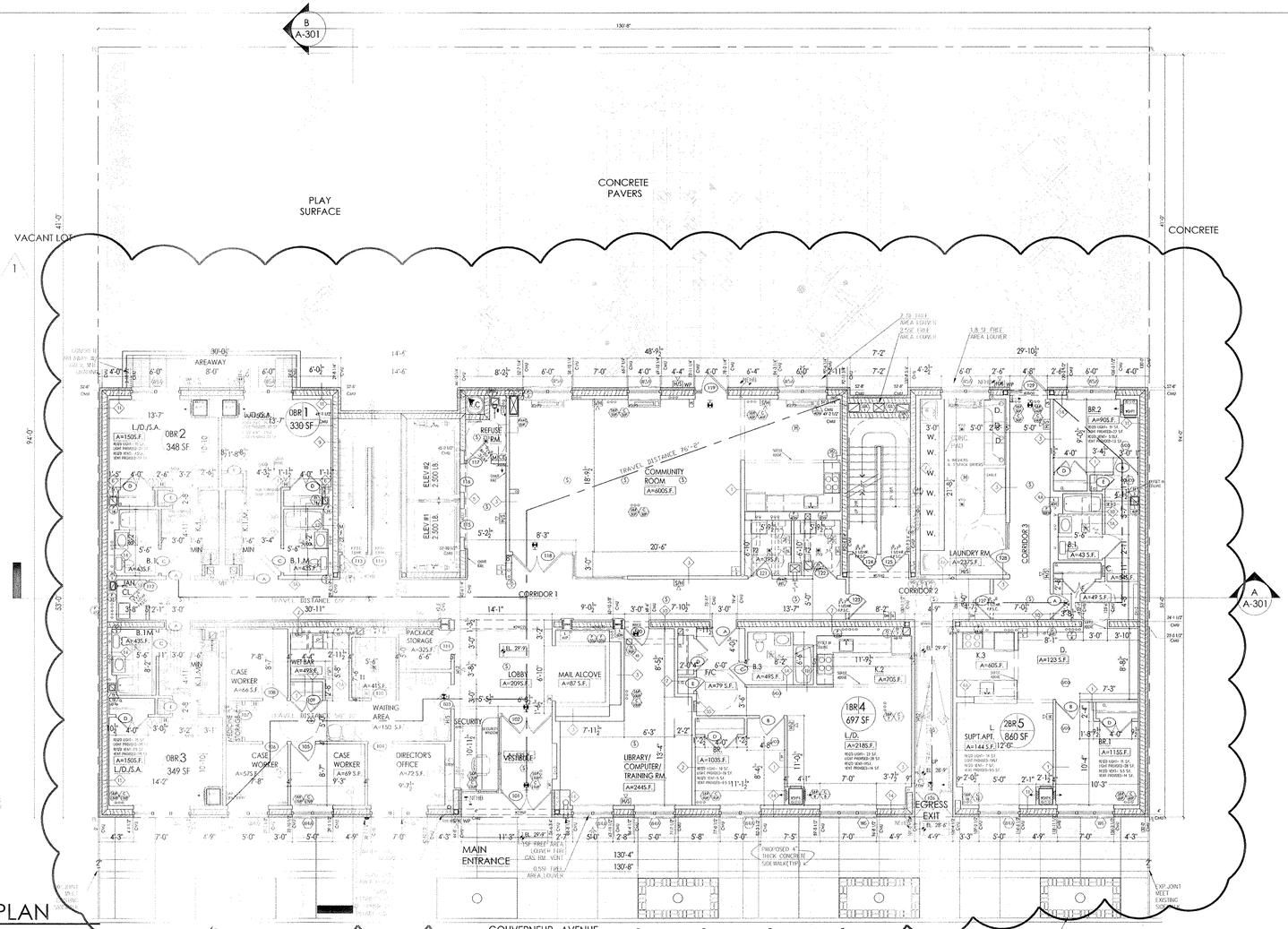
KEY PLAN:

SITE PLAN

SEAL & SIGNATURE:
REGISTERED ARCHITECT SINKY YAKAS STATE OF NEW YORK No. 018001

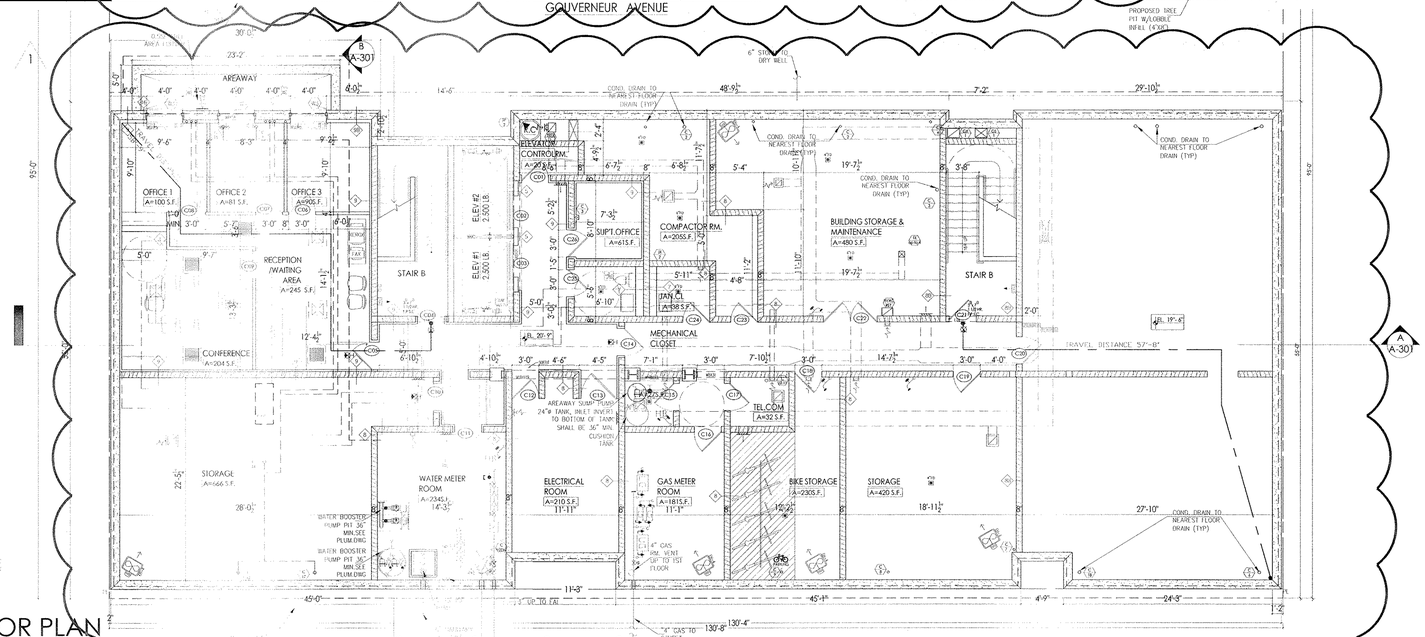
DATE:
PROJECT No: #2008-67
DRAWN BY:
CHECKD BY:
DWG. No:
A100.00
DRAWING 11 OF 47
CAD FILE No:
T:\Gouverneur Place Apartments

FIGURE 3



NOTES:
1. SOUND ATTENUATION INSULATION WILL BE PROVIDED AT WALLS BETWEEN UNITS AND JANITORS CLOSET, REFUSE ROOM & ELEVATOR SHAFT.
2. HARDWIRED CARBON MONOXIDE DETECTORS SHALL COMPLY WITH BC 17.15 AND INSTALLED IN ACCORDANCE WITH BC 17.15. IT SHALL BE PROVIDED IN EVERY DWELLING UNIT WITHIN 15 FEET OF THE PRIMARY ENTRANCE OF EACH BEDROOM. (AS PER LL 7/04)
3. DESIGN TO RESIST EFFECTS OF EARTHQUAKE MOTIONS AND ASSIGNED SEISMIC DESIGN CATEGORY, AS SET FORTH IN SECTION 1616.3

2 1ST FLOOR PLAN
1/8" = 1'-0"



NOTES:
1. SOUND ATTENUATION INSULATION WILL BE PROVIDED AT WALLS BETWEEN UNITS AND JANITORS CLOSET, REFUSE ROOM & ELEVATOR SHAFT.
2. HARDWIRED CARBON MONOXIDE DETECTORS SHALL COMPLY WITH BC 17.15 AND INSTALLED IN ACCORDANCE WITH BC 17.15. IT SHALL BE PROVIDED IN EVERY DWELLING UNIT WITHIN 15 FEET OF THE PRIMARY ENTRANCE OF EACH BEDROOM. (AS PER LL 7/04)
3. DESIGN TO RESIST EFFECTS OF EARTHQUAKE MOTIONS AND ASSIGNED SEISMIC DESIGN CATEGORY, AS SET FORTH IN SECTION 1616.3

1 CELLAR FLOOR PLAN
1/8" = 1'-0"

EGRESS:

— — — TRAVEL DISTANCE

TABLE 1005.1 EGRESS WIDTH PER OCCUPANT SERVED:

OCCUPANT	STAIRWAYS* (INCHES/OCCUPANT)	OTHER COMPONENTS (INCHES/OCCUPANT)
ALL EXCEPT HAZARDOUS	0.3	0.2

*1009.1 STAIRWAYS WIDTH THE WIDTH OF STAIWAYS SHALL BE DETERMINED AS SPECIFIED IN SECTION 1005.1 , BUT SUCH WIDTH SHALL NOT BE LESS THAN 44 INCHES.
TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE (SPRINKLERED) 200 FT

PROJECT:

GOUVERNEUR PLACE APARTMENTS
450-458 GOUVERNEUR PLACE
BRONX, NY 10456

OWNER:
WESTHAB, INC.
85 EXECUTIVE BLVD.
ELMSFORD, NEW YORK 10523
TEL: (914) 345-2800
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ARCHITECT:
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TEL: (914) 479-9705
FAX: (914) 479-1234

LANDSCAPE ARCHITECT:
THE RBA GROUP
27 UNION SQUARE WEST
NEW YORK, NY 10003
TEL: (212) 741-8090
FAX: (212) 633-1205

No:	Date:	Revision:
3	10/25/10	REVISED PER DOB OBJECTION
	07/09/10	DOB SUBMISSION
	04/28/10	PROGRESS SET TO OWNER

NORTH ARROW SCALE

KEY PLAN:

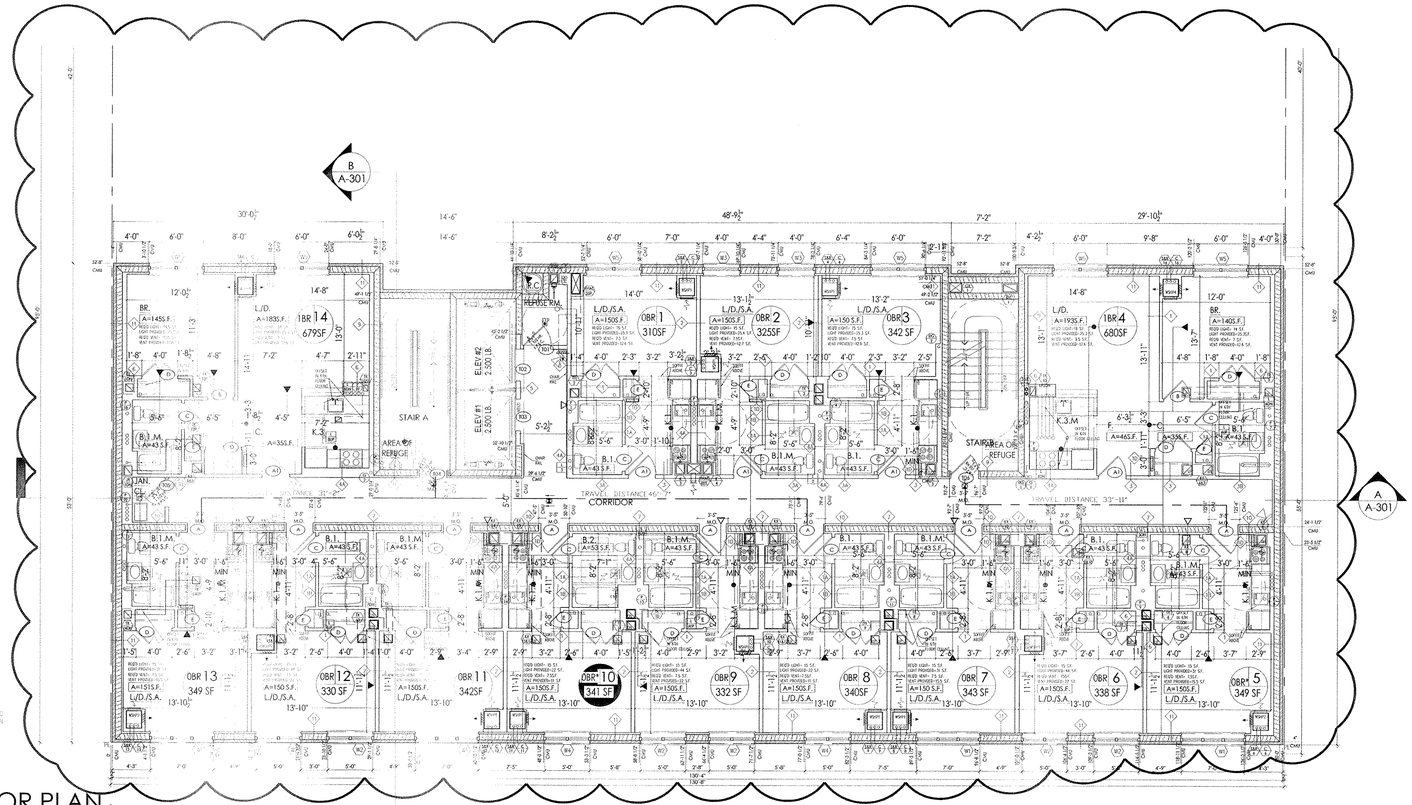
CELLAR FLOOR PLAN AND FIRST FLOOR PLAN

REGISTERED ARCHITECT SALVATORE LAMANNA NO. 019047 STATE OF NEW YORK

SEAL & SIGNATURE:

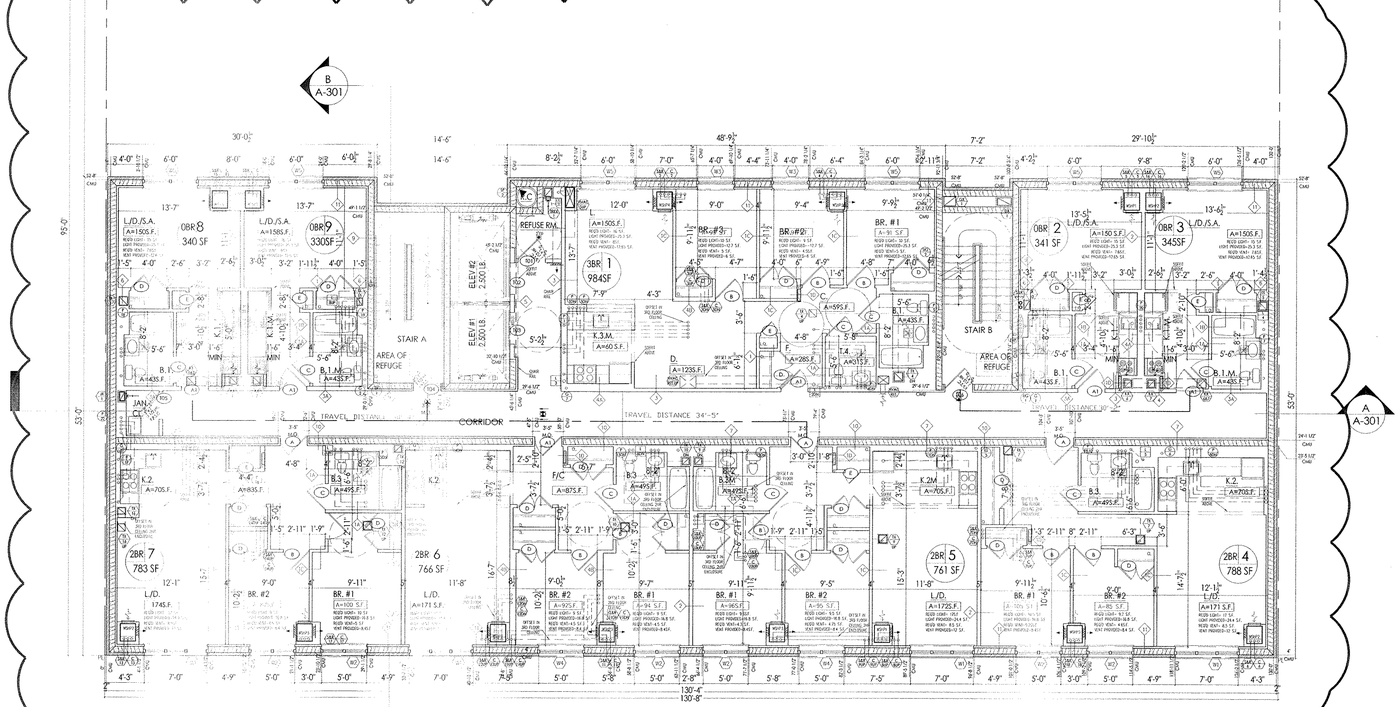
DATE:
PROJECT No: #2008-67
DRAWN BY:
CHECK'D BY:
DWG. No:
A101.00
DRAWING 12 OF 47
CAD FILE No: T:\Gouverneur Place Apartments

FIGURE 3



NOTES:
1. SOUND ATTENUATION INSULATION WILL BE PROVIDED AT WALLS BETWEEN UNITS AND JANITORS CLOSET, REFUSE ROOM & ELEVATOR SHAFT.
2.HARDWIRED CARBON MONOXIDE DETECTORS SHALL COMPLY WITH BC 1-1-13 AND INSTALLED IN ACCORDANCE WITH RS 17-14 IT SHALL BE PROVIDED IN EVERY DWELLING UNIT WITHIN 15 FEET(4.115 M) OF THE PRIMARY ENTRANCE TO EACH BEDROOM. (AS PER LL 7/04)
3.DESIGN TO RESIST EFFECTS OF EARTHQUAKE MOTIONS AND ASSIGNED SEISMIC DESIGN CATEGORY, AS SET FORTH IN SECTION 1616.3

2 4th-6th FLOOR PLAN
1/8" = 1'-0"



NOTES:
1. SOUND ATTENUATION INSULATION WILL BE PROVIDED AT WALLS BETWEEN UNITS AND JANITORS CLOSET, REFUSE ROOM & ELEVATOR SHAFT.
2.HARDWIRED CARBON MONOXIDE DETECTORS SHALL COMPLY WITH BC 1-1-13 AND INSTALLED IN ACCORDANCE WITH RS 17-14 IT SHALL BE PROVIDED IN EVERY DWELLING UNIT WITHIN 15 FEET(4.115 M) OF THE PRIMARY ENTRANCE TO EACH BEDROOM. (AS PER LL 7/04)
3.DESIGN TO RESIST EFFECTS OF EARTHQUAKE MOTIONS AND ASSIGNED SEISMIC DESIGN CATEGORY, AS SET FORTH IN SECTION 1616.3

1 2nd-3rd FLOOR PLAN
1/8" = 1'-0"

EGRESS:

— — — TRAVEL DISTANCE

TABLE 1005.1 EGRESS WIDTH PER OCCUPANT SERVED:

OCCUPANT	STAIRWAYS* (INCHES/OCCUPANT)	OTHER COMPONENTS (INCHES/OCCUPANT)
ALL EXCEPT HAZARDOUS	0.3	0.2

*1009.1 STAIRWAYS WIDTH. THE WIDTH OF STAIRWAYS SHALL BE DETERMINED AS SPECIFIED IN SECTION 1005.1 , BUT SUCH WIDTH SHALL NOT BE LESS THAN 44 INCHES.
TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE (SPRINKLERED) 200 FT

PROJECT:

GOUVERNEUR PLACE APARTMENTS
450-458 GOUVERNEUR PLACE
BRONX, NY 10456

OWNER:
WESTHAB, INC.
85 EXECUTIVE BLVD.
ELMSFORD, NEW YORK 10523
TEL: (914) 345-2800
FAX: (914) 345-3139

ARCHITECT:
SLCE*Architects*
841 BROADWAY
NEW YORK, NEW YORK 10003
TEL: (212) 979-8400
FAX: (212) 979-8387

STRUCTURAL:
DE NARDIS ENGINEERING, L.L.C.
15 RESERVOIR ROAD
WHITE PLAINS, NEW YORK 10603
TEL: (914) 948-8844
FAX: (914) 948-8868

MECHANICAL ENGINEER:
JOHN DI BARI CONSULTING ENGINEERS
99 MAIN STREET
DOBBS FERRY, NEW YORK 10522
TEL: (914) 479-9705
FAX: (914) 479-1234

LANDSCAPE ARCHITECT:
THE RBA GROUP
27 UNION SQUARE WEST
NEW YORK, NY 10003
TEL: (212) 741-8090
FAX: (212) 633-1205

No:	Date:	Revision:
1	10/25/10	REVISED PER DOB OBJECTION
	07/09/10	DOB SUBMISSION
	04/28/10	PROGRESS SET TO OWNER

NORTH ARROW SCALE

KEY PLAN:

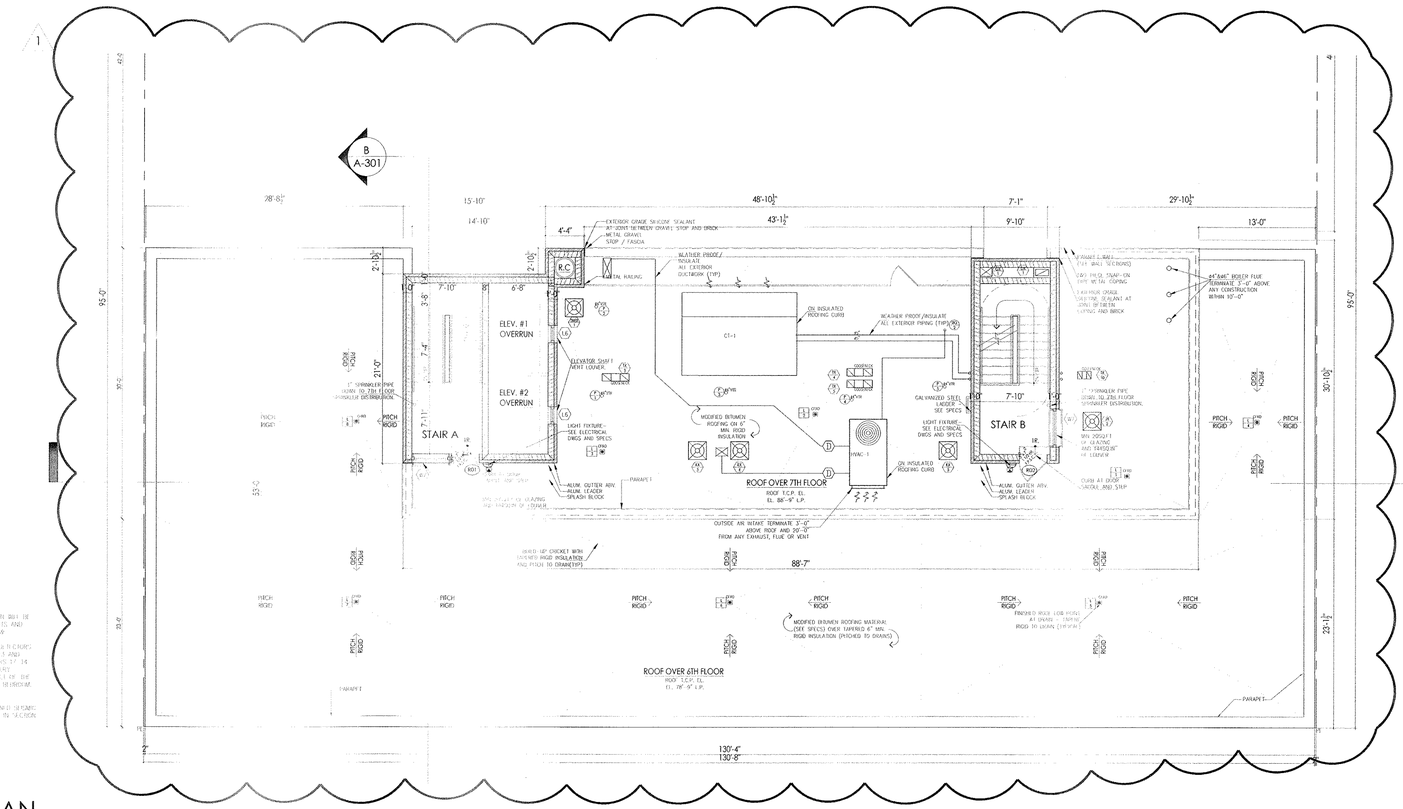
TYP 2ND-3RD AND 4TH-6TH FLOOR PLAN

SEAL & SIGNATURE:

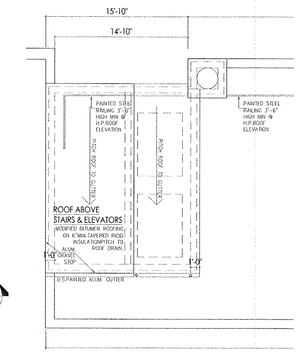
REGISTERED ARCHITECT GARY YARAS STATE OF NEW YORK

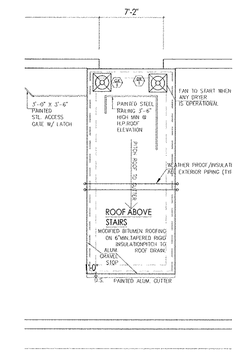
DATE:
PROJECT No: #2008-67
DRAWN BY:
CHECKD BY:
DWG. No:
A102.00
DRAWING 13 OF 47
CAD FILE No:
I:\Gouverneur Place Apartments

FIGURE 3

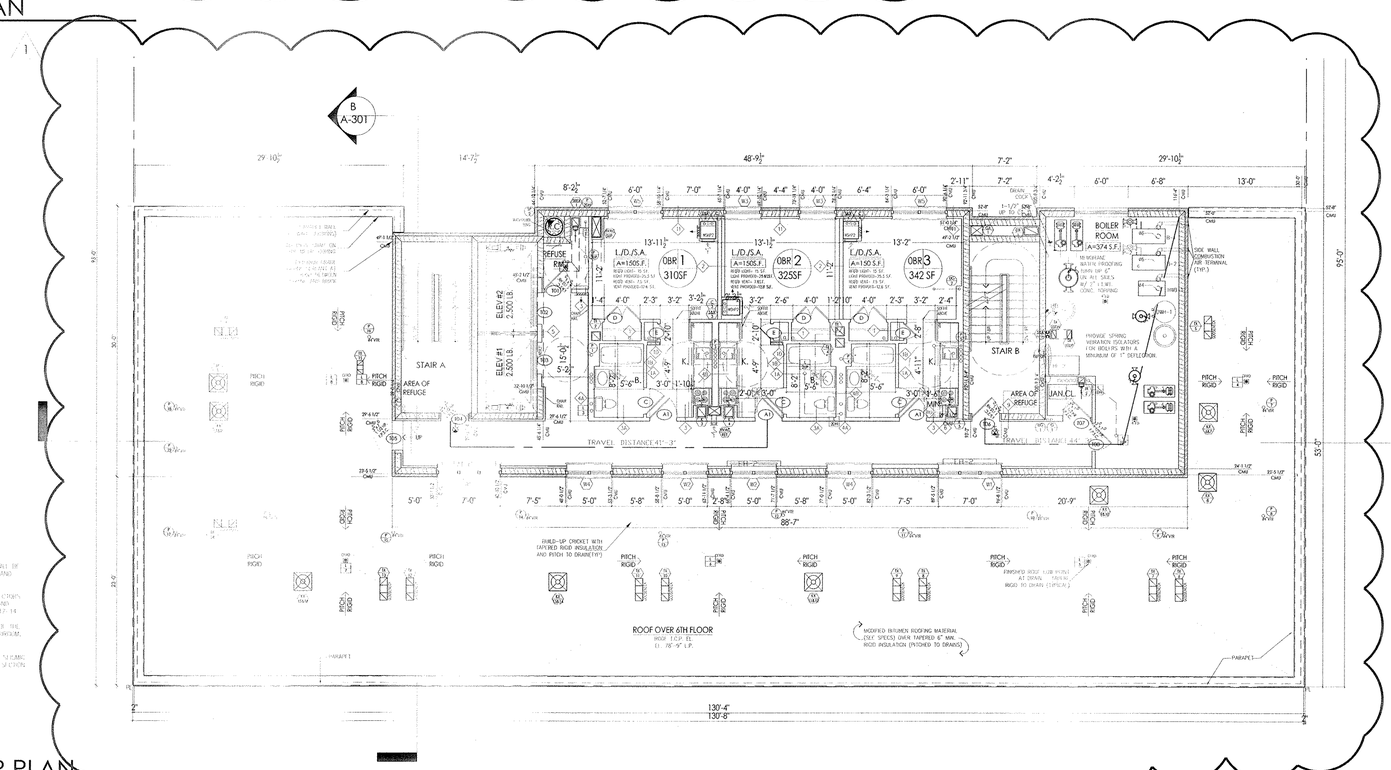


2 ROOF PLAN
1/8" = 1'-0"





3 ROOF ABOVE STAIR & ELEVATOR
1/8" = 1'-0"



1 7th FLOOR PLAN
1/8" = 1'-0"

EGRESS:

— — — TRAVEL DISTANCE

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OCCUPANT	STAIRWAYS* (INCHES/OCCUPANT)	OTHER COMPONENTS (INCHES/OCCUPANT)
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	04/28/10	PROGRESS SET TO OWNER

NORTH ARROW SCALE

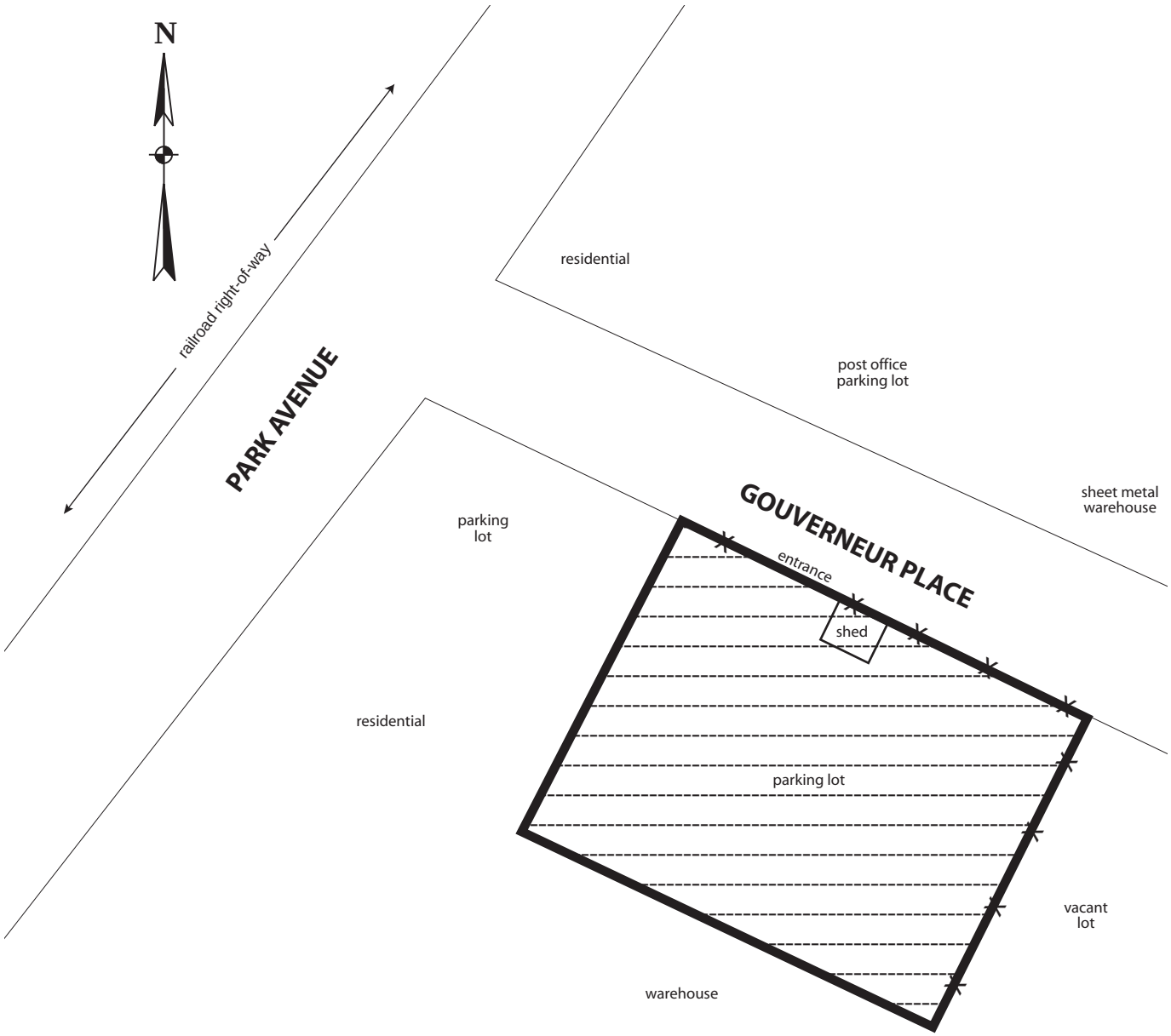
KEY PLAN:

7TH FLOOR PLAN AND ROOF PLAN

SEAL & SIGNATURE: No. 018047 STATE OF NEW YORK

DATE:
PROJECT No: #2008-67
DRAWN BY:
CHECKED BY:
DWG. No:
A103.00
DRAWING 14 OF 47
CAD FILE No: T:\Gouverneur Place Aportments

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 4: Areas of Concern

4 , 6, 8, 10 and 12 Gouverneur Place
Borough of Bronx, New York

Legend:

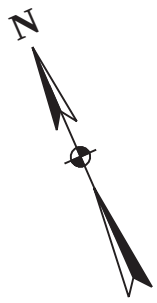
- subject property border
- chain-link fence
- area of concern

ESI File: WB08037.50

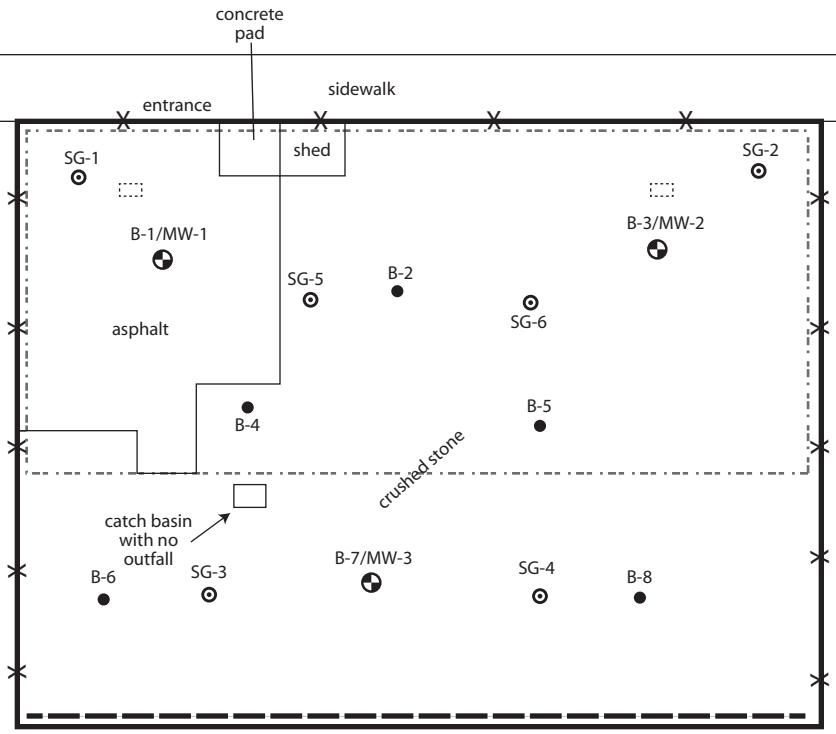
November 2011

Scale: 1" = 40' approximately

Figures



GOUVERNEUR PLACE



All feature locations are approximate. Map based on survey map by Gerald T. Olecley, PLS

Figure 5: Location of Soil Borings, Wells and Soil Vapor Samples

4, 6, 8,10 and 12 Gouverneur Place
Borough of Bronx, New York

Legend:
- subject property border
- chain link fence
- proposed building
- monitoring well and soil boring location
- boring location
- GPR anomaly
- soil gas location
- brick wall

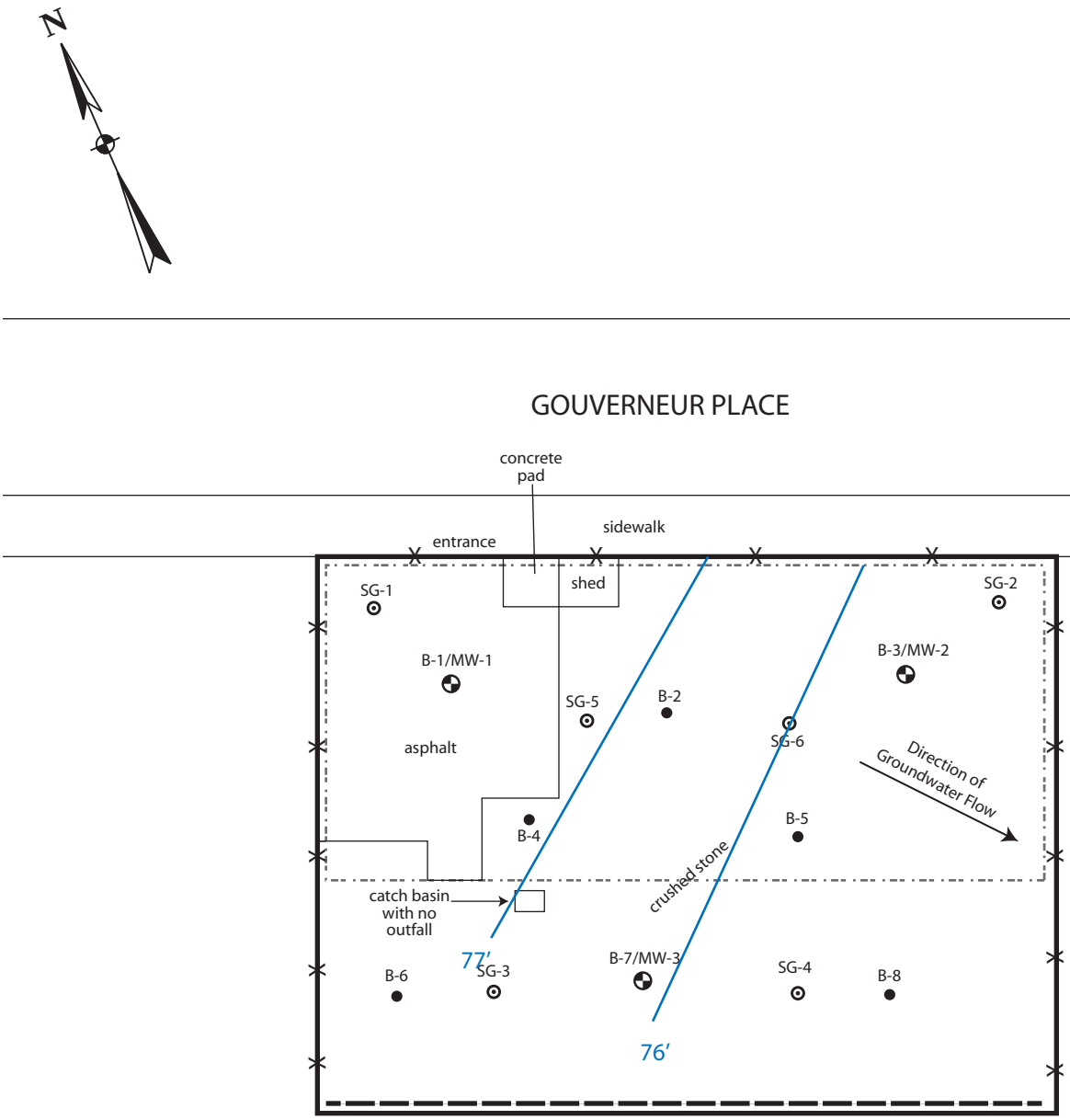
ESI File: WB08037.50

November 2011

Scale: 1" = 31'

Figures

Ecosystems Strategies, Inc.



All feature locations are approximate. Map based on survey map by Gerald T. Olecley, PLS

Figure 6: Direction of Groundwater Flow

4, 6, 8,10 and 12 Gouverneur Place
Borough of Bronx, New York

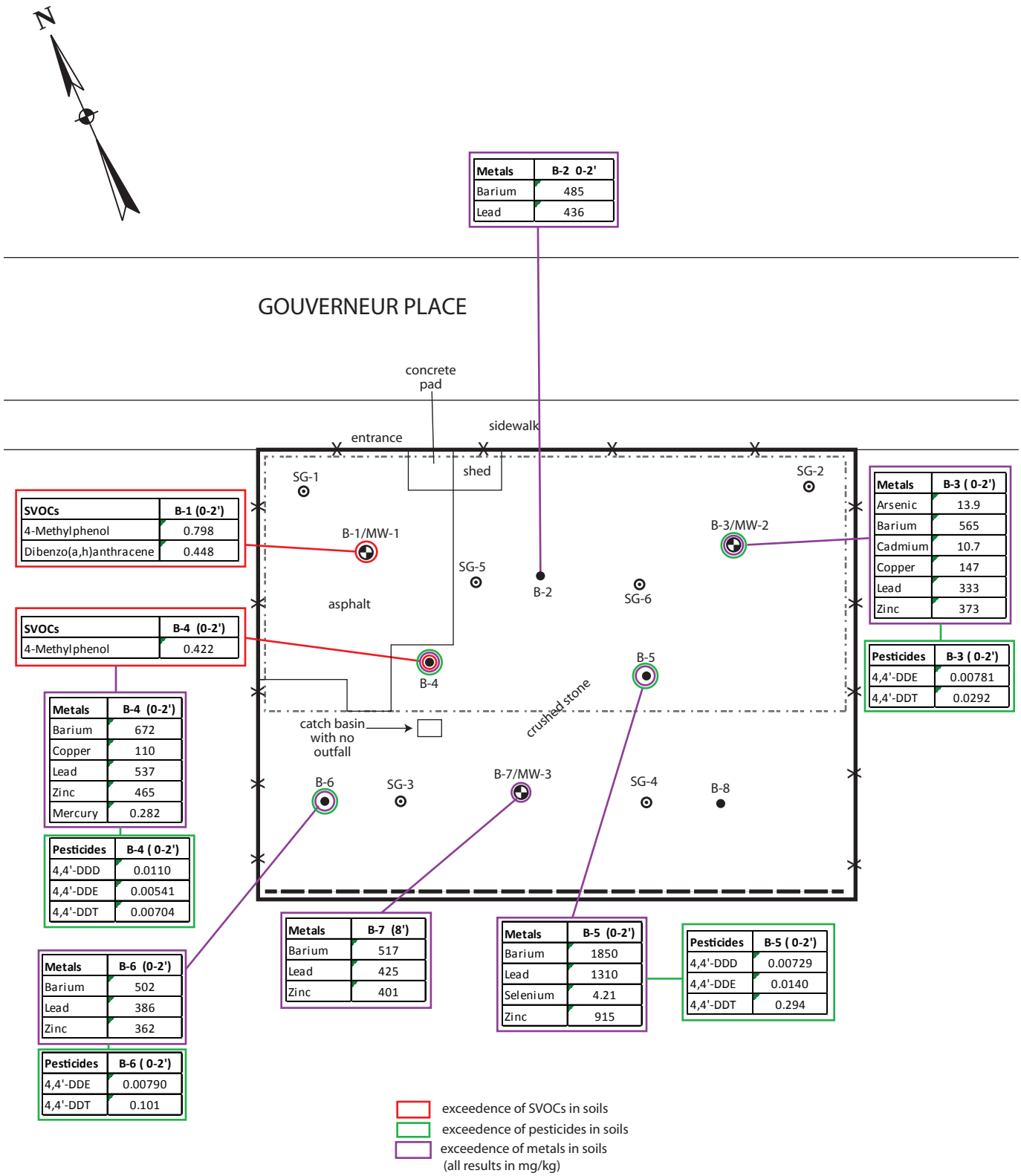
Legend:
- subject property border
- chain link fence
- proposed building
- monitoring well and soil boring location
- boring location
- soil gas location
- brick wall

ESI File: WB08037.50

November 2011

Scale: 1" = 31'

Figures



Metals	B-2 0-2'
Barium	485
Lead	436

SVOCs	B-1 (0-2')
4-Methylphenol	0.798
Dibenzo(a,h)anthracene	0.448

Metals	B-3 (0-2')
Arsenic	13.9
Barium	565
Cadmium	10.7
Copper	147
Lead	333
Zinc	373

Pesticides	B-3 (0-2')
4,4'-DDE	0.00781
4,4'-DDT	0.0292

SVOCs	B-4 (0-2')
4-Methylphenol	0.422

Metals	B-4 (0-2')
Barium	672
Copper	110
Lead	537
Zinc	465
Mercury	0.282

Pesticides	B-4 (0-2')
4,4'-DDD	0.0110
4,4'-DDE	0.00541
4,4'-DDT	0.00704

Metals	B-6 (0-2')
Barium	502
Lead	386
Zinc	362

Pesticides	B-6 (0-2')
4,4'-DDE	0.00790
4,4'-DDT	0.101

Metals	B-7 (8')
Barium	517
Lead	425
Zinc	401

Metals	B-5 (0-2')
Barium	1850
Lead	1310
Selenium	4.21
Zinc	915

Pesticides	B-5 (0-2')
4,4'-DDD	0.00729
4,4'-DDE	0.0140
4,4'-DDT	0.294

All feature locations are approximate. Map based on survey map by Gerald T. Olecley, PLS

Figure 7: Map of Soil Chemistry Results

4, 6, 8,10 and 12 Gouverneur Place
Borough of Bronx, New York

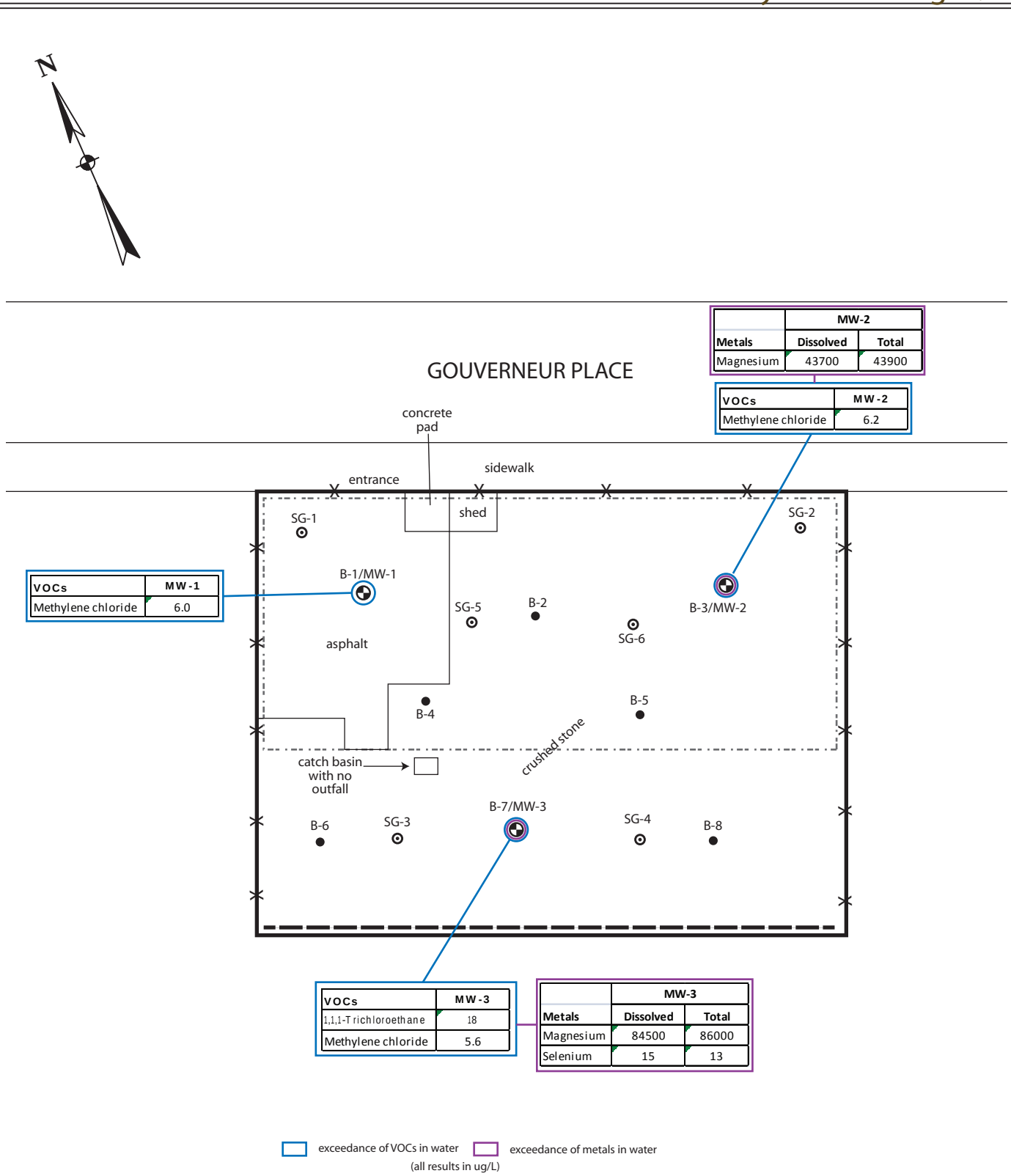
Legend:
- subject property border
- chain link fence
- proposed building
- monitoring well and soil boring location
- boring location
- soil gas location
- brick wall

ESI File: WB08037.50

November 2011

Scale: 1" = 31'

Figures



	MW-2	
Metals	Dissolved	Total
Magnesium	43700	43900

VOCs	MW-2
Methylene chloride	6.2

VOCs	MW-1
Methylene chloride	6.0

VOCs	MW-3
1,1,1-Trichloroethane	18
Methylene chloride	5.6

	MW-3	
Metals	Dissolved	Total
Magnesium	84500	86000
Selenium	15	13

All feature locations are approximate. Map based on survey map by Gerald T. Olecley, PLS

Figure 8 - Map of Groundwater Chemistry Results

4, 6, 8, 10 and 12 Gouverneur Place
Borough of Bronx, New York

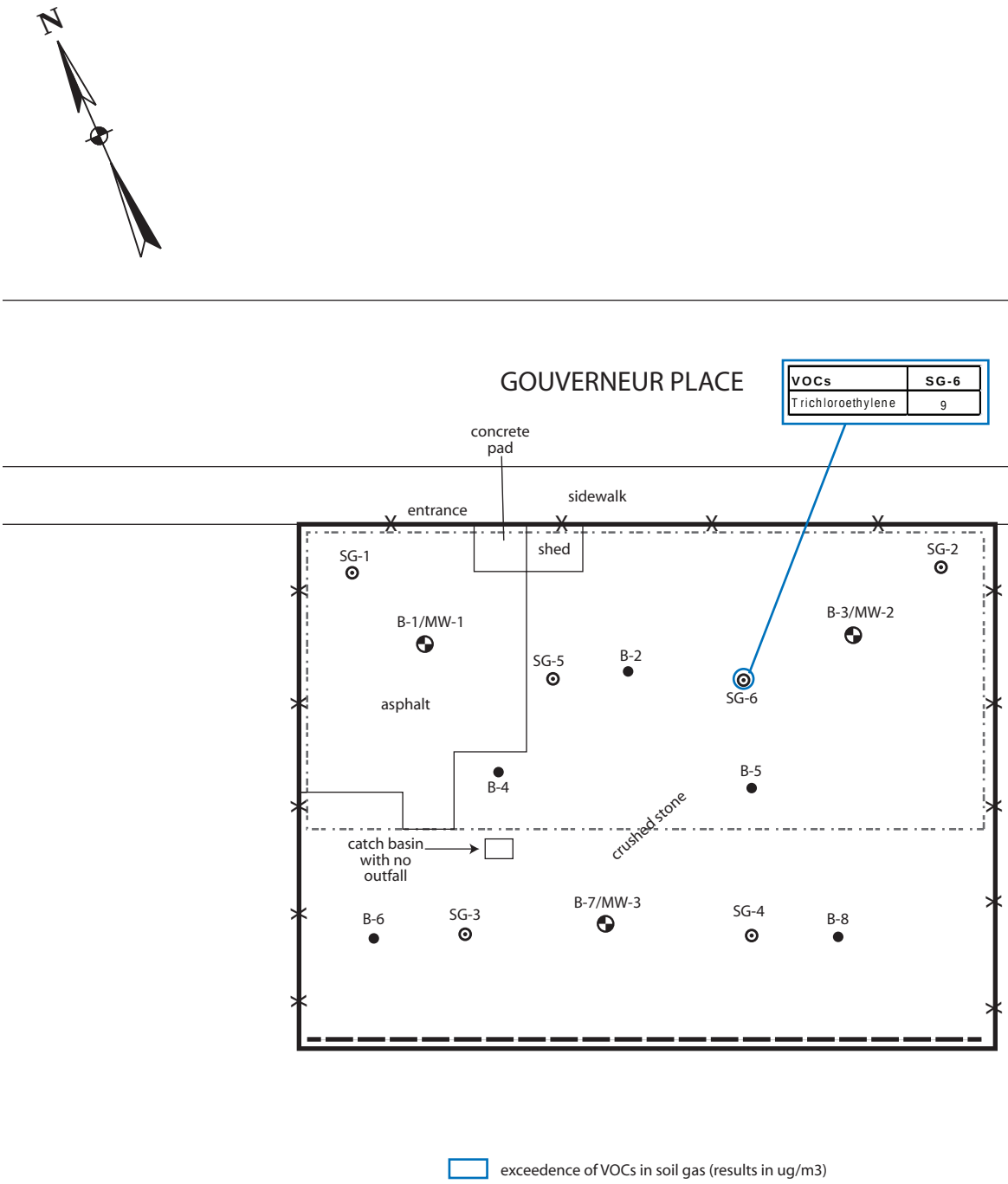
Legend:
- subject property border
- chain link fence
- proposed building
- monitoring well and soil boring location
- boring location
- soil gas location
- brick wall

ESI File: WB08037.50

November 2011

Scale: 1" = 31'

Figures



All feature locations are approximate. Map based on survey map by Gerald T. Olecley, PLS

Figure 9: Map of Soil Vapor Chemistry Results

4, 6, 8,10 and 12 Gouverneur Place
Borough of Bronx, New York

Legend:
- subject property border
- chain link fence
- proposed building
- monitoring well and soil boring location
- boring location
- soil gas location
- brick wall

ESI File: WB08037.50

November 2011

Scale: 1" = 31'

Figures

TABLES

Table 1 for 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)	GPS Coordinates
Test Pits	N/A							
Soil Borings	B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8	5-24-11 5-25-11 5-24-11 5-25-11 5-25-11 5-25-11 5-24-11 5-25-11	15’ 15’ 9’ refusal 15’ 15’ 15’ 8’ 15’	2” 2” 2” 2” 2” 2” 2” 2”	78’ Unknown 75.7’ Unknown Unknown Unknown 76.11’ Unknown	N/A	N/A	
Monitor Wells	MW-1 MW-2 MW-3	5-24-11 5-24-11 5-24-11	23’ 23’ 23’	2” 2” 2”	78’ 75.7’ 76.11’	10-20’	PVC PVC PVC	

Table 2 for Groundwater Level Data

Monitoring Well ID No.	Date	Water Elevation*
MW-1	5-24-11	61.75’ bsg
MW-2	5-24-11	54.9’ bsg
MW-3	5-24-11	56.85’ bsg

*based on an arbitrary surface elevation.

Table 3 Analytical Methods Summary Table

Matrix	Number of Samples	Analytical parameters measured	Analytical methods	Number of duplicate samples	Number and type of QA/QC samples
Soil	8	VOCs SVOCs Pesticides TAL PCBs	EPA 6010C 8360C 8270D 8081B 8082A	1	1
Groundwater	3	VOCs SVOCs Pesticides TAL PCBs	EPA 6010C 8360C 8270D 8081B 8082A	0	0
Soil vapor	6	VOC	TO-15	0	0

Table 4 (1 of 3): VOCs in Soil

SampleID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	B-1 0-2'	B-1 15'	B-2 0-2'	B-2 15'	B-3 0-2'	B-3 9'	B-4 0-2'	B-4 15'	B-5 0-2'	B-5 15'	B-6 0-2'	B-6 15'	B-7 0-2'	B-7 8'	B-8 0-2'	B-8 15'
Sampling Date			5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011
ClientMatrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Compound			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organics, 8260 List	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry
1,1,1,2-Tetrachloroethane	~	~	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	19	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND
1,1-Dichloropropylene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	47	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	~	~	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0021 J	ND	ND
1,3-Dichlorobenzene	2.4	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	9.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.06	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.76	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.37	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.25	59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	1	30	0.0022 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0046 J	ND	ND
Hexachlorobutadiene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	0.93	62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	51	0.016 J,B,	0.029 B	0.019 J,B	0.030 B	0.026 B	0.024 B	0.034 B	0.035 B	0.032 B	0.028 B	0.032 B	0.032 B	0.024 B	0.025 B	0.029 B	0.028 B
n-Butylbenzene	12	100	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND
Naphthalene	12	100	ND	ND	ND	ND	ND	ND	ND	ND	0.0044 J,B	0.0026 J,B	ND	ND	ND	ND	ND	ND
o-Xylene	~	~	0.0027 J,D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0053 J	ND	ND
p- & m- Xylenes	~	~	0.0092 J,D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03	ND	ND
p-Isopropyltoluene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	1.3	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	100	0.016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropylene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	0.47	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	0.26	100	0.012 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.036	ND	ND

NOTES:
Blue shade indicates detectable concentrations
ND = Non detect
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
~=this indicates that no regulatory limit has been established for this analyte
ESI File: WB08037.50

Table 4 (2 of 3): SVOCs in Soil

SampleID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	B-1 0-2'	B-1 15'	B-2 0-2'	B-2 15'	B-3 0-2'	B-3 9'	B-4 0-2'	B-4 15'	B-5 0-2'	B-5 15'	B-6 0-2'	B-6 15'	B-7 0-2'	B-7 8'	B-8 0-2'	B-8 15'
Sampling Date			5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011
ClientMatrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Compound			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatiles, 8270 Target List	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry
1,2,4-Trichlorobenzene	~	~	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	9.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.33	100	ND	ND	ND	ND	ND	ND	**0.345**	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.33	34	**0.798**	ND	ND	ND	ND	ND	**0.422**	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	~	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	1	ND	ND	ND	ND	0.426 J	ND	ND	ND	ND	ND	0.119 J	ND	0.407 J	ND	ND	ND
Benzo(a)pyrene	1	1	ND	ND	0.377 J	ND	0.424 J	ND	0.250 J	ND	0.104 J	ND	0.0847 J	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1	1	ND	ND	ND	ND	0.426 J	ND	ND	ND	0.104 J	ND	0.0892 J	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	1	ND	ND	0.427 J	ND	0.515 J	ND	ND	ND	0.113 J	ND	0.108 J	ND	0.492 J	ND	ND	ND
Benzyl alcohol	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl butyl phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.118 J	0.0793 J	ND	ND	ND	0.103 J
Chrysene	1	1	ND	ND	ND	ND	0.454 J	ND	ND	ND	ND	ND	0.135 J	ND	0.424 J	ND	ND	ND
Di-n-butyl phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.33	0.33	**0.448**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	7	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	100	100	ND	ND	0.703 J	ND	0.882 J	ND	ND	ND	0.142 J	ND	0.198 J	ND	0.646 J	ND	ND	ND
Fluorene	30	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.33	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-nitroso-di-n-propylamine	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	100	ND	ND	0.359 J	ND	0.627 J	ND	ND	ND	ND	ND	0.153 J	ND	ND	ND	ND	ND
Phenol	0.33	100	ND	ND	ND	ND	ND	ND	0.376	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	100	100	ND	ND	0.581 J	ND	0.747 J	ND	ND	ND	0.108 J	ND	0.230	ND	0.623 J	ND	ND	ND
Pyridine	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
ND = Non detect
Blue shade indicates detectable concentrations
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
~=this indicates that no regulatory limit has been established for this analyte
Bold green shade exceeds NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold Yellow shade exceeds NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential & unrestricted use
ESI File: WB08037.50

Table 4 (3 of 3): Pesticides/PCBs/Metals in Soil

SampleID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	B-1 0-2'	B-1 15'	B-2 0-2'	B-2 15'	B-3 0-2'	B-3 9'	B-4 0-2'	B-4 15'	B-5 0-2'	B-5 15'	B-6 0-2'	B-6 15'	B-7 0-2'	B-7 8'	B-8 0-2'	B-8 15'
Sampling Date			5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011	5/24/2011
ClientMatrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Compound			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides/PCBs, EPA TCL List	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry
4,4'-DDD	0.0033	2.6	ND	ND	ND	ND	ND	ND	**0.0110**	ND	**0.00729**	ND	ND	ND	**0.00580**	ND	ND	ND
4,4'-DDE	0.0033	1.8	ND	ND	ND	ND	**0.00781**	ND	**0.00541**	ND	**0.0140**	ND	**0.00790**	ND	**0.0144**	ND	ND	ND
4,4'-DDT	0.0033	1.7	ND	ND	ND	ND	**0.0292**	ND	**0.00704**	ND	**0.294**	ND	**0.101**	ND	**0.0213**	ND	**0.00406**	ND
Aldrin	0.005	0.019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	0.097	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1016	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1248	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	0.072	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane, total	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	0.005	0.039	ND	ND	0.00319	ND	0.00275	ND	ND	ND	ND	ND	ND	ND	**0.00740**	ND	ND	ND
Endosulfan I	2.4	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	2.4	4.8	ND	ND	ND	ND	0.00370	ND	ND	ND	ND	ND	ND	ND	0.00357 J	ND	ND	ND
Endosulfan sulfate	2.4	4.8	ND	ND	ND	ND	ND	ND	0.00217 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.014	2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	~	~	ND	ND	ND	ND	ND	ND	0.00303 J	ND	ND	ND	ND	ND	ND	ND	0.00448	ND
Endrin ketone	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	0.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.042	0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	0.1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals, Target Analyte	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry
Aluminum	~	~	4100	11900	11000	20700	12100	15800	6890	6000	6770	5630	20400	12200	8810	15100	13800	6260
Antimony	~	~	ND	ND	3.57	ND	1.62	ND	4.46	ND	ND	ND	ND	ND	1.44	ND	ND	ND
Arsenic	13	16	1.44	2.01	5.18	2.75	**13.9**	2.59	7.29	ND	12.3	ND	6.15	1.30	6.99	3.35	3.18	0.899
Barium	350	350	15.3	71.3	**485**	154	**565**	107	**672**	21.4	**1850**	20.7	**502**	80.8	**517**	56.9	85.3	26.3
Beryllium	7.2	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	2.5	ND	ND	1.27	ND	**10.7**	ND	0.986	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	~	~	40600	2300	34200	2370	60400	28300	51400	693	84300	876	15200	1660	53700	4710	31500	834
Chromium	~	~	4.03	21.5	22.1	31.9	42.0	19.9	15.9	9.69	112	11.5	23.1	21.0	17.4	16.1	15.8	13.3
Cobalt	~	~	4.61	10.6	7.64	17.4	5.16	12.7	5.11	5.72	5.67	4.14	10.5	12.0	5.48	7.85	8.32	4.41
Copper	50	270	30.7	21.0	91.5	34.0	**147**	19.5	**110**	12.6	27.2	9.96	25.4	23.7	46.3	14.0	23.9	10.1
Iron	~	~	9820	20300	19800	31500	14200	22100	15900	9460	49700	7720	23500	21800	13400	17800	18200	9140
Lead	63	400	13.8	3.40	**436**	5.61	**333**	7.44	**537**	2.55	**1310**	2.35	**386**	2.67	**425**	59.5	17.6	2.07
Magnesium	~	~	19800	5380	6530	8630	10900	16100	13500	2920	7460	2270	4520	5810	14000	5160	15200	2500
Manganese	1600	2000	160	593	285	598	331	584	268	165	463	96.8	501	448	261	306	602	73.4
Nickel	30	140	7.15	18.9	22.5	29.5	19.5	21.7	15.2	14.1	14.2	9.80	19.9	17.9	16.4	11.8	15.2	8.69
Potassium	~	~	414	3660	2180	6940	1020	6870	968	775	749	691	1570	3300	1010	814	3290	871
Selenium	3.9	36	1.01	3.08	2.71	3.43	0.927	2.47	2.03	1.40	**4.21**	0.915	2.96	3.23	1.80	1.75	2.10	1.27
Silver	2	36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	~	~	436	349	366	290	474	307	547	180	275	128	411	259	403	176	423	179
Thallium	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	~	~	41.2	30.9	53.3	47.6	28.6	29.6	32.2	12.3	17.3	11.3	36.2	32.0	35.1	25.3	25.1	13.6
Zinc	109	2200	30.5	54.7	480	76.4	**373**	53.6	**465**	22.0	**915**	19.0	**362**	54.6	**401**	41.8	47.8	22.8
Mercury by 7470/7471	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry
Mercury	0.18	0.81	ND	ND	ND	ND	ND	ND	**0.282**	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
~=this indicates that no regulatory limit has been established for this analyte
ND = Non detect
Blue shade indicates detectable concentrations
Bold green shade exceeds NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Bold Yellow shade exceeds NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential & unrestricted use
ESI File: WB08037.50

Ecosystems Strategies, Inc.

Table 5 (1 of 3): VOCs in Water

SampleID Sampling Date ClientMatrix	NYSDEC TOGS Standards and Water	MW-1 6/22/2011 Water	MW-2 6/22/2011 Water	MW-3 6/22/2011 Water
Compound		Result	Result	Result
Volatile Organics, 8260 List	ug/L	ug/L	ug/L	ug/L
1,1,1,2-Tetrachloroethane	~	ND	ND	ND
1,1,1-Trichloroethane	5	ND	1.7 J	**18**
1,1,2,2-Tetrachloroethane	5	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	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	~	ND	ND	ND
1,2,3-Trichlorobenzene	~	ND	ND	ND
1,2,3-Trichloropropane	~	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND
1,2-Dibromo-3-chloropropane	~	ND	ND	ND
1,2-Dibromoethane	~	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND
1,2-Dichloroethane	0.6	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	~	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND
2,2-Dichloropropane	~	ND	ND	ND
2-Chlorotoluene	~	ND	ND	ND
4-Chlorotoluene	~	ND	ND	ND
Benzene	1	ND	ND	ND
Bromobenzene	~	ND	ND	ND
Bromochloromethane	~	ND	ND	ND
Bromodichloromethane	~	ND	ND	ND
Bromoform	50	ND	ND	ND
Bromomethane	~	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND
Chlorobenzene	5	ND	ND	ND
Chloroethane	5	ND	ND	ND
Chloroform	7	3.2 J	ND	ND
Chloromethane	5	ND	ND	ND
cis-1,2-Dichloroethylene	5	ND	ND	ND
cis-1,3-Dichloropropylene	0.4	ND	ND	ND
Dibromochloromethane	50	ND	ND	ND
Dibromomethane	~	ND	ND	ND
Dichlorodifluoromethane	~	ND	ND	ND
Ethyl Benzene	5	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND
Methyl tert-butyl ether (MTBE)	10	ND	ND	ND
Methylene chloride	5	**6.0 J,B**	**6.2 J,B**	**5.6 J,B**
n-Butylbenzene	5	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND
Naphthalene	10	ND	1.1 J,B	1.1 J,B
o-Xylene	5	ND	ND	ND
p- & m- Xylenes	5	0.81 J	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	0.88 J	1.7 J
Toluene	5	ND	ND	ND
trans-1,2-Dichloroethylene	~	ND	ND	ND
trans-1,3-Dichloropropylene	0.4	ND	ND	ND
Trichloroethylene	5	ND	ND	0.82 J
Trichlorofluoromethane	~	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND
Xylenes, Total	5	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
~=this indicates that no regulatory limit has been established for this analyte
ND = Non detect
Blue shade indicates detectable concentrations
Bold Yellow shade exceeds criteria
ESI File: WB08037.50

Table 5 (2 of 3): SVOCs in Water

SampleID Sampling Date ClientMatrix	NYSDEC TOGS Standards and Water	MW-1 6/22/2011 Water	MW-2 6/22/2011 Water	MW-3 6/22/2011 Water
Compound		Result	Result	Result
Semi-Volatiles, 8270 Target List	ug/L	ug/L	ug/L	ug/L
1,2,4-Trichlorobenzene	**5**	ND	ND	ND
1,2-Dichlorobenzene	**3**	ND	ND	ND
1,3-Dichlorobenzene	**3**	ND	ND	ND
1,4-Dichlorobenzene	**3**	ND	ND	ND
2,4,5-Trichlorophenol	**1**	ND	ND	ND
2,4,6-Trichlorophenol	**1**	ND	ND	ND
2,4-Dichlorophenol	**5**	ND	ND	ND
2,4-Dimethylphenol	**50**	ND	ND	ND
2,4-Dinitrophenol	**10**	ND	ND	ND
2,4-Dinitrotoluene	**5**	ND	ND	ND
2,6-Dinitrotoluene	**5**	ND	ND	ND
2-Chloronaphthalene	**10**	ND	ND	ND
2-Chlorophenol	**1**	ND	ND	ND
2-Methylnaphthalene	**~**	ND	ND	ND
2-Methylphenol	**1**	ND	ND	ND
2-Nitroaniline	**5**	ND	ND	ND
2-Nitrophenol	**1**	ND	ND	ND
3,3'-Dichlorobenzidine	**5**	ND	ND	ND
3- & 4-Methylphenols	**~**	ND	ND	ND
3-Nitroaniline	**5**	ND	ND	ND
4,6-Dinitro-2-methylphenol	**~**	ND	ND	ND
4-Bromophenyl phenyl ether	**~**	ND	ND	ND
4-Chloro-3-methylphenol	**1**	ND	ND	ND
4-Chloroaniline	**5**	ND	ND	ND
4-Chlorophenyl phenyl ether	**~**	ND	ND	ND
4-Nitroaniline	**5**	ND	ND	ND
4-Nitrophenol	**1**	ND	ND	ND
Acenaphthene	**20**	ND	ND	ND
Acenaphthylene	**~**	ND	ND	ND
Aniline	**~**	ND	ND	ND
Anthracene	**50**	ND	ND	ND
Benzo(a)anthracene	**0.002**	ND	ND	ND
Benzo(a)pyrene	**~**	ND	ND	ND
Benzo(b)fluoranthene	**0.002**	ND	ND	ND
Benzo(g,h,i)perylene	**~**	ND	ND	ND
Benzo(k)fluoranthene	**0.002**	ND	ND	ND
Benzyl alcohol	**~**	ND	ND	ND
Benzyl butyl phthalate	**50**	ND	ND	ND
Bis(2-chloroethoxy)methane	**5**	ND	ND	ND
Bis(2-chloroethyl)ether	**1**	ND	ND	ND
Bis(2-chloroisopropyl)ether	**~**	ND	ND	ND
Bis(2-ethylhexyl)phthalate	**5**	ND	ND	ND
Chrysene	**0.002**	ND	ND	ND
Di-n-butyl phthalate	**50**	ND	ND	ND
Di-n-octyl phthalate	**50**	ND	ND	ND
Dibenzo(a,h)anthracene	**~**	ND	ND	ND
Dibenzofuran	**~**	ND	ND	ND
Diethyl phthalate	**50**	ND	ND	ND
Dimethyl phthalate	**50**	ND	ND	ND
Fluoranthene	**50**	ND	ND	ND
Fluorene	**50**	ND	ND	ND
Hexachlorobenzene	**0.04**	ND	ND	ND
Hexachlorobutadiene	**0.5**	ND	ND	ND
Hexachlorocyclopentadiene	**5**	ND	ND	ND
Hexachloroethane	**5**	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.002**	ND	ND	ND
Isophorone	**50**	ND	ND	ND
N-nitroso-di-n-propylamine	**~**	ND	ND	ND
N-Nitrosodimethylamine	**~**	ND	ND	ND
N-Nitrosodiphenylamine	**~**	ND	ND	ND
Naphthalene	**10**	ND	ND	ND
Nitrobenzene	**0.4**	ND	ND	ND
Pentachlorophenol	**1**	ND	ND	ND
Phenanthrene	**50**	ND	ND	ND
Phenol	**1**	ND	ND	ND
Pyrene	**50**	ND	ND	ND
Pyridine	**~**	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
~=this indicates that no regulatory limit has been established for this analyte
ND = Non detect
Blue shade indicates detectable concentrations
Bold Yellow shade exceeds criteria
ESI File: WB08037.50

Table 5 (3 of 3): Pesticides/PCBs/Metals in Water

SampleID Sampling Date ClientMatrix	NYSDEC TOGS Standards and Water	MW-1 6/22/2011 Water	MW-2 6/22/2011 Water	MW-3 6/22/2011 Water
Compound		**Result**	**Result**	**Result**
Polychlorinated Biphenyls (PCB)	**ug/L**	**ug/L**	**ug/L**	**ug/L**
Aroclor 1016	~	ND	ND	ND
Aroclor 1221	~	ND	ND	ND
Aroclor 1232	~	ND	ND	ND
Aroclor 1242	~	ND	ND	ND
Aroclor 1248	~	ND	ND	ND
Aroclor 1254	~	ND	ND	ND
Aroclor 1260	~	ND	ND	ND
Aroclor 1262	~	ND	ND	ND
Aroclor 1268	~	ND	ND	ND
Total PCBs	~	ND	ND	ND
Metals, Dissolved - Target Analyte (TAL)	**ug/L**	**ug/L**	**ug/L**	**ug/L**
Aluminum	~	NT	ND	ND
Antimony	~	NT	ND	ND
Arsenic	**25**	NT	ND	ND
Barium	**1000**	NT	71	37
Beryllium	~	NT	ND	ND
Cadmium	**5**	NT	ND	ND
Calcium	~	NT	151000	133000
Chromium	**50**	NT	ND	ND
Cobalt	~	NT	ND	ND
Copper	**200**	NT	ND	13
Iron	~	NT	14	18
Lead	**25**	NT	ND	ND
Magnesium	**35000**	NT	**43700**	**84500**
Manganese	~	NT	114	5
Nickel	~	NT	ND	ND
Potassium	~	NT	6120	8400
Selenium	**10**	NT	ND	**15**
Silver	**50**	NT	ND	ND
Sodium	~	NT	54400	22400
Thallium	~	NT	ND	ND
Vanadium	~	NT	ND	ND
Zinc	~	NT	ND	ND
Metals, Target Analyte	**ug/L**	**ug/L**	**ug/L**	**ug/L**
Aluminum	~	NT	ND	78
Antimony	~	NT	ND	ND
Arsenic	**25**	NT	ND	ND
Barium	**1000**	NT	71	39
Beryllium	~	NT	ND	ND
Cadmium	**5**	NT	ND	ND
Calcium	~	NT	151000	134000
Chromium	**50**	NT	ND	ND
Cobalt	~	NT	ND	ND
Copper	**200**	NT	ND	14
Iron	~	NT	25	127
Lead	**25**	NT	ND	ND
Magnesium	**35000**	NT	**43900**	**86000**
Manganese	~	NT	114	8
Nickel	~	NT	ND	ND
Potassium	~	NT	6090	8480
Selenium	**10**	NT	ND	**13**
Silver	**50**	NT	ND	ND
Sodium	~	NT	54500	22500
Thallium	~	NT	ND	ND
Vanadium	~	NT	ND	ND
Zinc	~	NT	ND	ND
Mercury by 7470/7471	**ug/L**	**ug/L**	**ug/L**	**ug/L**
Mercury	**ND**	NT	ND	ND
Mercury, Dissolved	**ug/L**	**ug/L**	**ug/L**	**ug/L**
Mercury	**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
~=this indicates that no regulatory limit has been established for this analyte
ND = Non detect
NT=this indicates the analyte was not a target for this sample
Blue shade indicates detectable concentrations
Bold Yellow shade exceeds criteria
ESI File: WB08037.50

Table 6: VOCs in Soil Gas

SampleID	Guideline Values	SG-1 (Y85)	SG-2 (Y71)	SG-3 (Y78)	SG-4 (Y75)	SG-5 (Y84)	SG-6 (Y80)
Sampling Date		5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011	5/25/2011
ClientMatrix		Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor
Compound		Result	Result	Result	Result	Result	Result
Volatile Organics, EPA TO15 Full List		ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³
1,1,1-Trichloroethane	NE	ND	40	ND	18	ND	15
1,1,2,2-Tetrachloroethane	NE	ND	22	ND	ND	18	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NE	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NE	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NE	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	NE	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NE	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NE	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NE	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	NE	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NE	ND	11	15	16	ND	ND
1,2-Dichlorotetrafluoroethane	NE	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NE	ND	ND	ND	ND	ND	ND
1,3-Butadiene	NE	ND	ND	22	ND	ND	ND
1,3-Dichlorobenzene	NE	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NE	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NE	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NE	ND	ND	ND	ND	ND	ND
2-Butanone	NE	19	25	25	25	44	25
2-Hexanone	NE	ND	ND	ND	ND	ND	ND
3-Chloropropene	NE	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NE	13	13	ND	ND	11	ND
Acetone	NE	490 B	650 B	920 B	890 B	860 B	770 B
Benzene	NE	ND	8.3	ND	ND	ND	ND
Benzyl chloride	NE	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NE	ND	ND	ND	ND	ND	ND
Bromoform	NE	ND	ND	ND	ND	ND	ND
Bromomethane	NE	ND	ND	ND	ND	ND	ND
Carbon disulfide	NE	ND	8.7	ND	ND	ND	ND
Carbon tetrachloride	NE	ND	ND	ND	ND	ND	ND
Chlorobenzene	NE	ND	ND	ND	ND	ND	ND
Chloroethane	NE	ND	ND	ND	ND	ND	ND
Chloroform	NE	ND	ND	ND	ND	40	17
Chloromethane	NE	25	21	27	28	22	20
cis-1,2-Dichloroethylene	NE	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropylene	NE	ND	ND	ND	ND	ND	ND
Cyclohexane	NE	ND	ND	ND	0.88 J	ND	ND
Dichlorodifluoromethane	NE	ND	ND	ND	ND	ND	ND
Ethyl acetate	NE	20	27	26	ND	ND	27
Ethyl Benzene	NE	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NE	ND	ND	ND	ND	ND	ND
Isopropanol	NE	ND	ND	15	18	16	9.8
Methyl tert-butyl ether (MTBE)	NE	ND	ND	ND	ND	ND	ND
Methylene chloride	60	ND	ND	ND	ND	ND	ND
n-Heptane	NE	ND	ND	ND	ND	ND	ND
n-Hexane	NE	ND	8.4	ND	ND	ND	ND
o-Xylene	NE	ND	ND	ND	ND	ND	ND
p- & m- Xylenes	NE	ND	ND	8.9	9.2	ND	11
p-Ethyltoluene	NE	ND	ND	ND	ND	ND	ND
Propylene	NE	ND	50	5.6	ND	23	12
Styrene	NE	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	100	ND	22	ND	ND	ND	ND
Tetrahydrofuran	NE	ND	10	ND	ND	15	9.3
Toluene	NE	ND	11	ND	ND	8.1	ND
trans-1,2-Dichloroethylene	NE	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropylene	NE	ND	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND	**9**
Trichlorofluoromethane (Freon 11)	NE	ND	ND	ND	ND	ND	ND
Vinyl acetate	NE	5.1	6.1	5.8	6	ND	4.4
Vinyl bromide	NE	ND	ND	ND	ND	ND	ND
Vinyl Chloride	NE	5.6	5	5.2	5.4	4.9	5.4

NOTES:
Blue shade indicates detectable concentrations
Bold and yellow shade indicates exceedance of applicable regulatory criteria
ND = Non Detect
NE = Not established
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
ESI File: WB08037.50

APPENDIX A

Combined Phase I and Phase II Report and Health and Safety Plan

COMBINED PHASE I AND PHASE II

ENVIRONMENTAL SITE ASSESSMENT

October 1, 2008

Site Identification:	**4, 6, 8, 10, and 12 Gouverneur Place Borough of Bronx, New York**
Tax Lot Identification:	**Block 2388, Lots 16 to 20**
Property Description:	**Approximately ¼-acre property containing a paved/stone parking lot**

ESI File: WB08037.20

Prepared By:

Ecosystems Strategies, Inc.
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Ecosystems Strategies, Inc.

COMBINED PHASE I AND PHASE II

ENVIRONMENTAL SITE ASSESSMENT

October 1, 2008

ESI File: WB08037.20

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, New York 12603

Prepared For:

Westhab, Inc.
85 Executive Boulevard
Elmsford, New York 10523

Phase I Environmental Site Assessment services performed by Ecosystems Strategies, Inc. have been conducted in accordance with ASTM Method E 1527-05. All Phase II services have been performed in accordance with generally accepted protocols and professional standards.

The undersigned has reviewed this Combined Phase I and Phase II Environmental Site Assessment and certifies to Westhab, Inc. 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 Combined Phase I and Phase II Environmental Site Assessment (Combined Phase I & II ESA) identifies recognized environmental conditions (RECs) and/or other significant environmental liabilities associated with the storage, use, transport, or disposal of hazardous or regulated materials, and chronicles investigative fieldwork, on the property located at 4, 6, 8, 10, and 12 Gouverneur Place, Borough of Bronx, New York (property descriptions are presented in Sections 2.1 and 3.3.2).

1.2 Methodology

Phase I Environmental Site Assessment components of this Combined Phase I & II ESA have 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 I. The Phase I environmental site assessment was performed under the direct supervision and responsible charge of an environmental professional (see Appendix H), following the requirements for "all appropriate inquiry" as defined in 40 CFR Part 312. Fieldwork services were performed in accordance with generally accepted practices and established New York State Department of Environmental Conservation (NYSDEC) protocols.

The overall components of the work performed by ESI were as follows:

1. Investigation of the subject property's history and characteristics through the analysis of historical maps, local and regional maps, local governmental and/or Tribal records, and information provided by subject property representatives and other knowledgeable individuals. Complete references are provided in Section 6.0.

2. Review of Federal, State, and/or Tribal regulatory-agency computer databases and printed records for documentation of potential environmental liabilities relevant to the subject property. Records reviewed and corresponding search distances are consistent with, or exceed, the requirements set forth by the ASTM.

3. Visual inspection of the subject property conducted on March 5 and September 15, 2008 by Brian Brannick of Ecosystems Strategies, Inc. (ESI).

4. Investigation of subsurface on specified portions of the subject property by Brian Brannick on September 15, 2008. This additional investigative work was conducted due to potential contamination identified during the Phase I review was conducted at the request of the Client.

1.3 Limitations

This Combined Phase I & II 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 Combined Phase I & II ESA cannot be held accountable for activities or events resulting in environmental liability after the respective dates of the site inspection, historical and regulatory research, or fieldwork.

This Combined Phase I & II 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 Combined Phase I & II 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 Combined Phase I & II ESA consists of the approximately ¼-acre property located at 4, 6, 8, 10, and 12 Gouverneur Place, Borough of Bronx, New York (identified as Borough of Bronx tax lot parcels: Block 2388, Lots 16 to 20). A site location map is provided on Page 5.

The property is a rectangular-shaped parcel located on the southern side of Gouverneur Place. The property is composed of a paved/stone 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 the property has a surface elevation of approximately 40 feet above mean sea level. Field observations indicate that the property has gentle downward slopes to the west.

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

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-Flatbush-Riverhead complex (0-8% slopes) soil series is likely to be located on the property. The Pavement & buildings-Flatbush-Riverhead complex is found in nearly level to gently sloping urbanized areas of outwash plains that have been substantially cut and filled, with up to 80% impervious pavement and buildings covering the surface. [Note: the Soil Survey provides only a general guide to soil patterns across the city.] No bedrock was observed on the property.

Subsurface soils exposed during the extension of borings throughout the subject property (see Section 4.0) generally consisted of variable-texture fill materials (unsorted sand and gravel to 8 feet below surface grade [bsg]) overlying yellowish-brown sandy clays. No other information regarding site-specific investigations of the subsurface (e.g., test pits or borings) was found in readily available records or was provided by subject property representatives.

2.1.3 Site Hydrogeology

Groundwater was encountered between 8 and 14 feet bsg during the extension of borings throughout the subject property (see Section 4.0) No other data documenting groundwater depth, or site-specific investigation of groundwater direction of flow, has been reviewed by this office. Shallow groundwater flow in the vicinity of the property is likely to be to the southwest, 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.

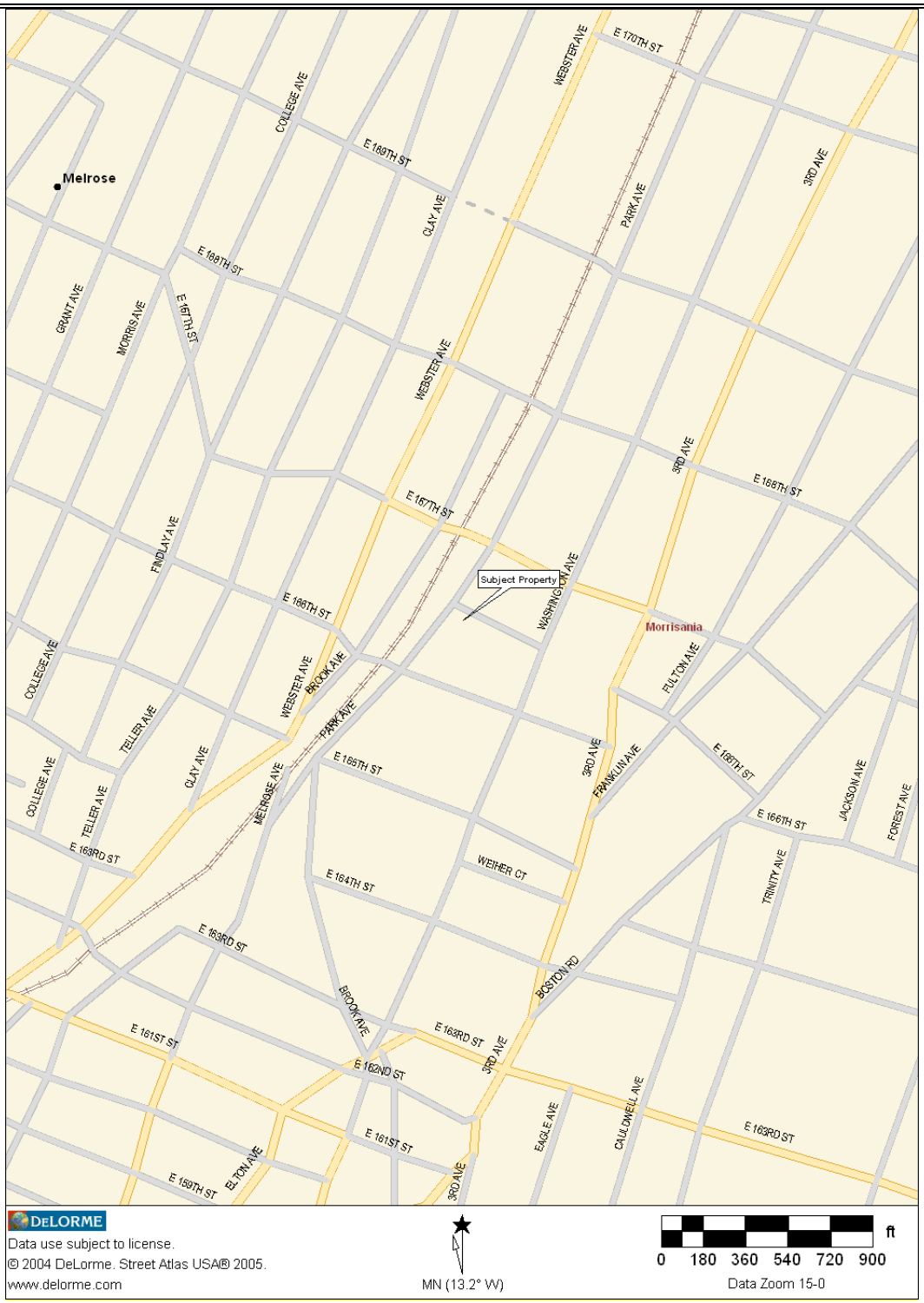
The review of maps and observations made during the site inspection indicate that no SERs are located on or in the immediate vicinity of the subject property.

2.2 Description of Adjoining and Surrounding Area Properties

The subject property is located in an urban area comprised primarily of multi-family residential, industrial, 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	• Post Office Parking Lot • Sheet Metal Warehouse • Residential	• Residential • Commercial
East	• Vacant Lot	• Residential • Commercial • Industrial
South	• Warehouse	• Residential • Commercial • Industrial
West	• Parking Lot • Residential	• Residential • Commercial • Railroad Right-of-Way • Industrial



Site Location Map
4, 6, 8, 10, and 12 Gouverneur Place
Borough of Bronx, New York

N

ESI File: WB08037.20

October 2008

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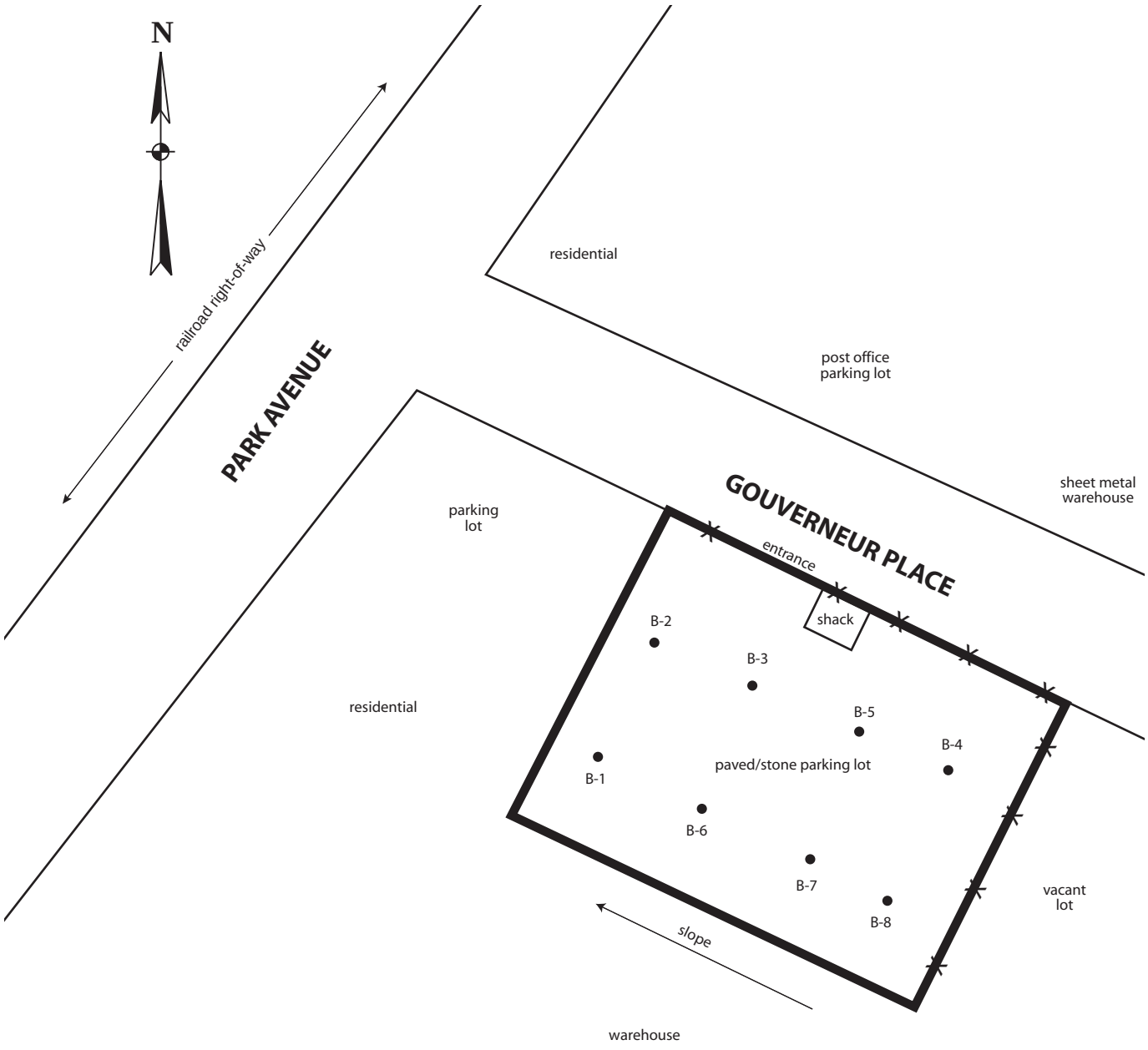


All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Fieldwork Map 4, 6, 8, 10 and 12 Gouverneur Place Borough of Bronx, New York	Legend: subject property border chain-link fence sample location	ESI File: WB08037.20 October 2008 Scale: 1” = 40’ approximately Page 6

3.0 PHASE I INVESTIGATION

3.1 Site History

The history of the subject property was researched using interviews with knowledgeable individuals, and reviews of ownership records, historical 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. Takisia Whites of Westhab, Inc. the User has responded to a questionnaire provided by ESI, which requested information regarding the subject property as specified in Section 6. Ms. Whites indicated that the subject property is Little 'E' designated by the City of New York. Ms. Whites 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. Whites indicated that Westhab, Inc. 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

Mr. Ron Gilbert (representing Gilic Realty Corp., the property owner) was identified by Ms. Whites as a Key Site Manager for the subject property. Mr. Gilbert was interviewed by ESI personnel regarding the topics detailed in the User Questionnaire (see Section 3.1.1, above), and was additionally asked to provide specific information regarding property features, site history and use, and commonly known information related to the property. Mr. Gilbert 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. Pertinent information from this interview is provided in relevant report sections, where appropriate.

3.1.3 Ownership Records

Property ownership information, based on interviews with Mr. Gilbert and a review of Borough of Bronx computerized City Register records, is presented in Table 2, below. This ownership summary does not constitute a title search.

Table 2: Ownership Information

Parcel ID	Owner	Date of Conveyance
Block 2388, Lots 16 and 19	Gilic Realty Corp. (Current Owner)	1/28/1999
	City of New York	8/8/1978
Block 2388, Lot 17	Gilic Realty Corp. (Current Owner)	1/28/1999
	City of New York	4/28/1972
	Peters, Vivienne	5/11/1971
	Gentleman Meme	5/11/1971
	364 Roxy Corp.	unknown
Block 2388, Lot 18	Gilic Realty Corp. (Current Owner)	1/28/1999
	City of New York	11/5/1976
	"8" Place Inc.	8/10/1966
	H M M R Realty Corp.	unknown
Block 2388, Lot 20	Gilic Realty Corp. (Current Owner)	1/28/1999
	City of New York	8/8/1978
	Collins, Daniel	12/9/1966
	Astwood, Vivienne	unknown

3.1.4 Sanborn Fire Insurance Maps

A summary of the information obtained from the review of historical Sanborn Fire Insurance Company Maps dated 1909, 1951, 1969, 1970, 1977, 1978, 1979, 1980, 1981, 1984, 1989, 1991, 1992, 1993, 1995, and 1996 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 historical uses).

1909: The subject property consists of five city lots, each containing a four-story residential apartment building. All adjoining properties contain residential uses and the surrounding area is developed with residential and commercial uses. A railroad-right-of-way is located in the surrounding area to the west and the Morrisania Silk Mills is located to the south. Municipal water is depicted as being available to the property. No petroleum or chemical bulk storage tanks are noted on the subject property, adjoining properties, or in the surrounding area.

1951: There are no significant changes to the subject property. A sheet metal manufacturing facility is now located on the adjoining property to the south. The surrounding area is highly developed with residential, commercial, and industrial uses. A filling station is located in the surrounding area to the northwest, a parking garage with gasoline tanks is located in the surrounding area to the southeast, and the Electra Chemical Engraving facility is located in the surrounding area to the west.

1969: There are no significant changes to the subject property. An autobody repair shop is now located in the immediate surrounding area to the east. The filling station in the surrounding area to the northwest is no longer depicted on the map. Gasoline tanks, associated with automobile repair facilities, are now located in the surrounding area to the northwest.

1970-1978: Two of the on-site structures (located at Lots 17 and 18), and several residential structures on adjoining properties to the north are no longer depicted on the map. The parking garage in the surrounding area to the southeast is now longer depicted as having gasoline tanks.

1979-1984: No significant changes are noted on the subject property. An additional residential structure on an adjoining property to the north is no longer depicted on the map.

1989: The remaining structures on the subject property, as well as residential structures on adjoining properties to the east and west, and all remaining structures on adjoining properties to the north are no longer depicted.

1991-1996: There are no significant changes to the subject or any adjoining properties. The "Ambassador Fuel & Oil Burner Corp." is now located in the surrounding area to the southeast.

3.1.5 Local Records

City Register Records

Borough of Bronx City Register computerized ownership records for the subject property were reviewed on February 29 and September 12, 2008. No information pertinent to the environmental integrity of the subject property was contained in these records. A summary of the readily available property ownership information is provided in Table 2.

Assessor's Office Records

Borough of Bronx Assessor's Office computerized data for the subject property were accessed on February 29 and September 12, 2008 using the City of New York's Open Accessible Space Information System (OASIS). According to these records, the subject property contains a parking facility. No other information pertinent to the environmental integrity of the subject property was present in these records.

Building Department Records

Block and Lot Records

Building Department paper records for the subject property were requested by this office on March 5, 2008; no file for Lot 18, however, could be located by Building Department personnel at the time of the request. Files included in the paper records for Lot 16 include a building permit for the construction of a residential apartment building dated March 1898 and a building permit for the installation of an oil burning furnace and two 275-gallon fuel oil tanks in August 1965. The file for Lot 17 indicated the same date of construction and included a permit for the installation of an oil burner with two 275-gallon fuel oil tanks, dated November 1960. Records for lots 19 and 20 indicated the same dates of construction (March 1898).

Borough of Bronx computerized Building Department Block and Lot records for the subject property were requested and reviewed on February 29 and September 12, 2008 (note: no computerized Building Department records could be found for Lot 18). No references were found to permits/documents potentially pertaining to the on-site storage or use of petroleum products or chemicals, or to activities potentially associated with the handling of hazardous materials. Building Department permits/documents for Lot 17 include certificates of occupancy dated 2002 and 2004 for the use of the property (indicated as including Lots 12, 13, and 16 to 20) as a public parking lot.

The subject property is Little 'E' Designated, according to Department of Planning records. The property is identified as E-118 for the potential presence of underground storage tanks, and specifically identified as having potential environmental impacts from the historical use of the property as a parking lot.

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

According to the City of New York Fire Department, that agency maintains no records regarding the presence of existing or removed petroleum bulk storage tanks on the subject property.

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 Environmental FirstSearch Corporation for ESI is provided in Appendix D. 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 historical 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. The FirstSearch review indicates that twelve BCP sites are located within a half mile of the property. Based on a review of the materials released, 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 these sites have impacted 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 property at 3428 Park Avenue, which adjoins the subject property to the northwest, is a PBS facility (PBS Number: 3-601128) containing an active 3,000-gallon fuel oil AST. No NYSDEC spill events are reported for this adjoining property. 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 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 twenty-five spill events are known to have occurred within a quarter mile of the subject property (eighteen of these spills are classified as leaking underground storage tank [LUST] events).

Information in these spill file records was reviewed to determine the possible impact from these releases to the subject property. The data considered included distance and direction from the subject property, cause of the spill, type and quantity of spilled material, and NYSDEC and caller comments. Based on ESI's review of this information, no reported spills were identified which might impact 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 wastewater discharges are known to exist on the subject property. According to information provided by the property representative, the subject property has access 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 3.

Table 3: Basement Radon Levels in Vicinity of Subject Property
All radon levels provided in picoCuries/liter (pCi/l)

NYSDOH Radon Information	Borough of Bronx	New York City
Number of Homes Tested	79	1145
Median Radon Level	0.8	0.9
Percent of Homes >4.0 pCi/l	8.9	6.8

These median radon levels are below the USEPA's guidance value of 4.0 pCi/l and less than 10% 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. Radon testing is not likely to have been conducted on the subject property.

3.3 Site Inspection

3.3.1 Protocol

The site inspections were conducted on March 5 and September 15, 2008 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 concern the potential or actual environmental condition of the subject property.

A Fieldwork 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 a rectangular-shaped, approximately ¼-acre parcel, which has 200 feet of frontage on the southern side of Gouverneur Place and extends 100 feet to the south. The property is composed of a paved/stone parking lot. A small wood structure (parking lot attendant shack) is located on the north-central portion of the property. Wooden and chain-link fences define the northern and western borders; the remaining property lines are undefined.

3.3.2.2 Structures

The on-site structure is a small wooden shack, with wood and/or corrugated metal siding and a flat roof likely to be covered by asphaltic materials. The shack is utilized as shelter for the parking

lot attendant and contains no means of artificial heating, other than an electric space heater. Cooling is provided by a window-mounted air conditioner. No other 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.

Potable Water Supply

According to available information, the subject property has access to the municipal water system. No water supply wells were noted on the subject property during the site inspection and no on-site uses of groundwater are known to exist for the subject property.

Sewage Disposal System

According to available information, the subject property has access to the municipal sewer system. The property is currently serviced by a temporary sanitary facility.

3.3.3 Specific On-Site Environmental Conditions

Debris Areas

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

Petroleum Storage

A small container of gasoline was observed on the property near the parking lot attendant shack. No staining or other evidence of a release from this container was noted. No other small quantities 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 small quantities 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 date of construction of the former on-site buildings (pre-1950) suggests that asbestos-containing materials (ACMs) and lead-based paint (LBP) may have been used during initial building construction and/or during subsequent maintenance work. No asbestos survey is likely to have been conducted. All structures have since been demolished and no overt evidence of any remaining construction materials was observed. Debris from former on-site structures could, however, be present in subsurface soils; such materials, should any exist, 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

No 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

Minor surface staining, typical of parking lots, was observed on paved areas throughout the property. This staining is likely to have been contained by the asphalt and is not likely to have impacted the environmental integrity of the property. No other 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 paved areas) was observed during the site inspection.

Topographic Irregularities

No 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 PHASE II INVESTIGATION

4.1 Areas of Concern

The work described in this section was performed on specified portions of the subject property to address several potential areas of environmental concern identified during the Phase I investigation conducted by this office (see Sections 2.0 and 3.0 above). These areas of concern are the historic use of the property as a parking lot, and the automotive repair, manufacturing, and/or industrial uses on adjoining and/or surrounding area properties (note: the property is Little 'E' designated by the City of New York).

4.2 Summary of Services

In order to address the areas of concern specified in Section 4.1, above, ESI extended eight soil borings (B-1 through B-8) at the Site and submitted soil samples for laboratory analysis of volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), RCRA Metals, and PCBs.

The remainder of this Combined Phase I & II ESA details the fieldwork conducted by ESI on the Site (Section 4.3), documents the results of laboratory analysis of samples (Section 4.4), and presents ESI's conclusions and recommendations (Section 5.0). A Fieldwork Map indicating boring locations and relevant site features is provided on page 6.

4.3 Fieldwork Methodology

4.3.1 Site Preparation Services

Prior to the initiation of fieldwork, a request for a complete utility markout of the subject property was submitted by ESI as required by New York State Department of Labor regulations. Confirmation of underground utility locations was secured, and a field check of the utility markout was conducted prior to the extension of soil borings.

4.3.2 Extension of Soil Borings

All soil borings were extended by personnel from Zebra Environmental Corporation (Zebra) using a mechanized, track-mounted Geoprobe direct-push corer equipped with disposable acetate sleeves (used to prevent the cross contamination of soil samples). Sampling was conducted at each boring location at five-foot intervals to a maximum depth of fifteen feet below grade or until refusal was reached. The sampling instrument was decontaminated prior to the initiation of fieldwork and after the collection of each sample. Decontamination procedures were consistent with established NYSDEC protocols.

A MiniRAE 3000 (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.

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 ESI logs for each boring location is summarized in Table 4, Appendix E.

Samples of soil material were collected from each of the soil borings where appropriate (see Section 4.3.3 for specifics regarding sample collection methodology) 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.

Subsurface soils encountered at the Site during the extension of the soil borings generally consisted of variable-texture fill materials (unsorted sand and gravel to 8 feet bsg) overlying yellowish-brown sandy clays. Groundwater was encountered during the extension of the soil borings at depths between 8 and 14 feet bsg.

No field evidence of contamination was observed at any boring location.

4.3.3 Sample Collection

All soil samples were obtained in a manner consistent with NYSDEC sample collection and decontamination protocols, using dedicated disposable gloves, and were directly placed into laboratory supplied glassware. Samples were collected directly from the acetate sleeves.

All sample containers were placed in a cooler immediately after sample collection and were maintained at cold temperatures prior to transport to the laboratory. The soil 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.

4.4 Laboratory Analysis

4.4.1 Terminology

Guidance Levels

The term "guidance level," as defined in this Combined Phase I & II ESA, refers to the concentration of a particular contaminant above which remedial actions are considered more likely. The overall objective of setting guidance levels is to assess the integrity of on-site soils relative to conditions which are likely to present a threat to public health or the environment, given the existing and probable future uses of the site. On-site soils with contaminant levels exceeding these guidance levels are considered more likely to warrant remediation. No independent risk assessment was performed as part of this investigation.

The guidance levels identified in this Combined Phase I & II ESA for petroleum hydrocarbons and metals in soils are based on "recommended soil cleanup objectives" (RSCOs) contained in the NYSDEC's Technical and Administrative Guidance Memorandum #4046 (TAGM 4046), dated January 24, 1994, as modified by subsequent NYSDEC memoranda. All data presented in this Combined Phase I & II ESA have been analyzed in accordance with applicable guidance levels.

Background Levels

The term "background level", as defined in this Combined Phase I & II ESA, is the concentration of a particular metal which is likely to naturally occur in surrounding area soils. The overall objective of setting background levels for metals is to assess the concentrations of metals in on-site soils relative to those that are naturally occurring; on-site soils with metal concentrations exceeding these background levels are considered more likely to have been affected by anthropogenic contributions.

The background levels for metals provided in this Combined Phase I & II ESA are based on the NYSDEC's Background Levels of Heavy Metals in Soils of the Lower Hudson Valley (Summary of Results), dated July 2003, revised July 2006, and on data reported in TAGM 4046.

4.4.2 Laboratory Results

Submission of samples for laboratory analysis was based on observations made by ESI personnel during the extension of the soil borings, including the presence or absence of elevated PID readings, unusual odors, discoloration, or, any other unusual patterns. A sufficient number of samples were submitted for analysis to provide a general screening of the property.

Soil samples B-1 (14-15'), B-2 (13-15'), B-3 (14-15'), B-4 (14-15'), B-4 (5-6'), B-5 (14-15'), B-6 (14-15'), B-7 (7-8'), and B-8 (7-8') were submitted for analysis of VOCs using USEPA Method 8260; samples B-2 (13-15') and B-4 (5-6') were submitted for analysis of PAHs using USEPA Method 8270; samples B-1 (14-15'), B-2 (2-3'), B-4 (5-6'), and B-8 (7-8') were submitted for analysis of RCRA metals using various USEPA methods; and, sample B-2 (2-3') was submitted for analysis of PCBs using USEPA method 608.

A summary of the results of the laboratory analyses conducted on all soil samples is presented below (Data Summary Tables are presented in Appendix F and complete copy of the Laboratory Report are included as Appendix G). Recommendations regarding these findings are located in Section 5.0 of this Combined Phase I & II ESA, Conclusions and Recommendations.

VOCs

Low-level concentrations of several VOC compounds including 1,2,4-trimethylbenzene, 1,3,5 trimethylbenzene, and tert-butylbenzene were detected well below guidance levels at B-4 (14-15') and one VOC compound (naphthalene) was detected well below guidance levels at B-7 (7-8'). No VOCs were detected in any other samples.

PAHs

Elevated concentrations of three PAH compounds were detected at B-4 (5-6'), including: benzo(a)anthracene (500 parts per billion [ppb], guidance level 224 ppb), benzo(a)pyrene (420 ppb, guidance level 61 ppb), and chrysene (640 ppb, guidance level 400 ppb). Low-level concentrations of several other PAH compounds were detected at this location. A low-level concentration of fluorine was detected below the guidance level of 50,000 ppb at B-2 (13-15') (130 ppb). No field evidence of contamination was observed at these two boring locations. The elevated and low-level concentrations of PAHs are likely due to the on-site presence of poor quality fills and/or asphalt.

RCRA Metals

Slightly elevated concentrations of cadmium were detected at several sampling locations and a slightly elevated concentration of barium was found at one sampling location (see below). These concentrations are likely to be related to the on-site presence of poor quality fill materials.

Chromium

Slightly elevated concentrations of chromium were detected above the guidance level of 10 parts per million (ppm) at B-1, 14-15' (12.2 ppm), B-4, 5-6' (18.2 ppm), and B-8, 7-8' (16.6 ppm). Chromium was detected below guidance levels at B-2, 2-3' (9.63 ppm).

Arsenic

Low-level concentrations of arsenic were detected below the guidance level of 7.5 ppm at all sampling locations with a peak concentration of 3.64 ppm at B-4 (5-6'), and an average concentration of 2.7 ppm.

Barium

A slightly elevated concentration of barium was detected above the guidance level of 300 ppm at B-4, 5-6' (363 ppm). Low-level concentrations of barium were detected at all other sampling locations with a peak concentration of 83.1 ppm at B-8 (7-8'), and an average concentration of 72.2 ppm.

Lead

Low-level concentrations of lead were detected below the background range of 200 to 500 ppm at all sampling locations with a peak concentration of 96.2 ppm at B-4 (5-6') and an average concentration of 58.2 ppm.

Other metals

Cadmium, selenium, silver, and mercury were not detected at any sampling location.

PCBs

PCBs were not detected at B-2 (2-3').

5.0 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, and has conducted additional Phase II site investigation services, at the property located at 4, 6, 8, 10, and 12 Gouverneur Place, Borough of Bronx, New York. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this Combined Phase I & II ESA. 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 is likely to have contained a parking lot since circa 1989 (the property is likely to have contained residential buildings prior to this time). 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 historical 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. No field evidence of contamination was observed during the extension of on-site borings (B-1 to B-8). Elevated concentrations of polycyclic aromatic hydrocarbons (PAHs) were detected at B-4, slightly elevated levels of chromium were detected at B-1, B-4, and B-8, and a slightly elevated level of barium was detected at B-4. These elevated levels of PAHs and metals are likely related to the presence of fill materials and/or asphalt and are not suggestive of a petroleum release. These findings support the conclusion that the historical use of the property as a parking lot, and the historical use of adjoining and/or surrounding area properties for manufacturing, industrial and/or automobile repair activities, have not significantly impacted the subject property.

   No further investigation is recommended. Current laboratory data suggest that subgrade soils, if excavated, will require management as a regulated waste.

3. 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 impact the environmental integrity of the subject property.

   No further investigation of regulatory records is recommended.

4. Minor surface staining, typical of parking lots was observed on paved portions of the property. This staining is a *de minimis condition* and field evidence observed during the Phase II portion of the investigation suggests that these areas of staining are not likely to have impacted the environmental integrity of the property.

   No further investigation is recommended.

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

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

6.0 SOURCES OF INFORMATION

6.1 Maps and Documents

FirstSearch Technology Corporation, Environmental FirstSearch Report, September 5, 2008.

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 1909, 1951, 1969, 1970, 1977, 1978, 1979, 1980, 1981, 1984, 1989, 1991, 1992, 1993, 1995, and 1996.

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.

6.2 Local Agency Records

Borough of Bronx Assessor's Office computerized records, reviewed February 29, 2008.

Borough of Bronx Building Department computerized records, reviewed February 29, 2008.

Borough of Bronx City Register computerized records, reviewed February 29, 2008

New York City Bureau of Fire Prevention records, requested March 3, 2008.

6.3 Communications

Ron Gilbert, representing Gilic realty Corp., the property owner, September 15, 2008.

Takisia Whites, representing Westhab, Inc., various dates, March and September 2008.

7.0 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.

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

and

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

Paul H. Ciminello
President, Ecosystems Strategies, Inc.

Richard Hooker
Project Manager, Ecosystems Strategies, Inc.

APPENDIX A

Site Photographs

PHOTOGRAPHS

1. Subject property, looking southwest, from Gouverneur Place.

2. Subject property, looking northeast from Gouverneur Place.

PHOTOGRAPHS

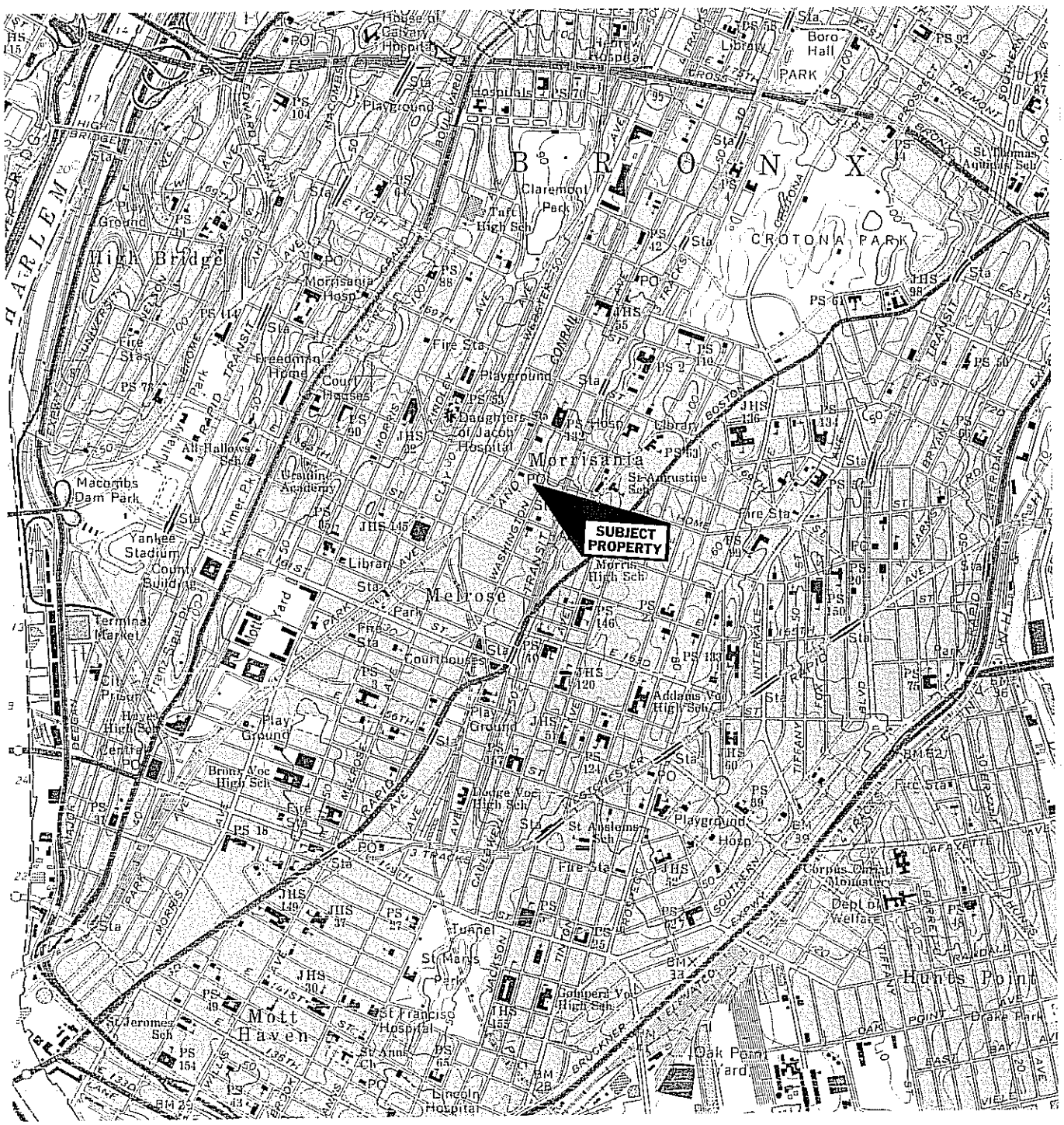
3. Subject property, looking northwest from eastern property line.

4. Subject property, looking east from western property line.

APPENDIX B

Physical-Setting Map

Ecosystems Strategies, Inc.



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
4, 6, 8, 10, and 12 Gouverneur Place
Borough of Bronx, New York

N

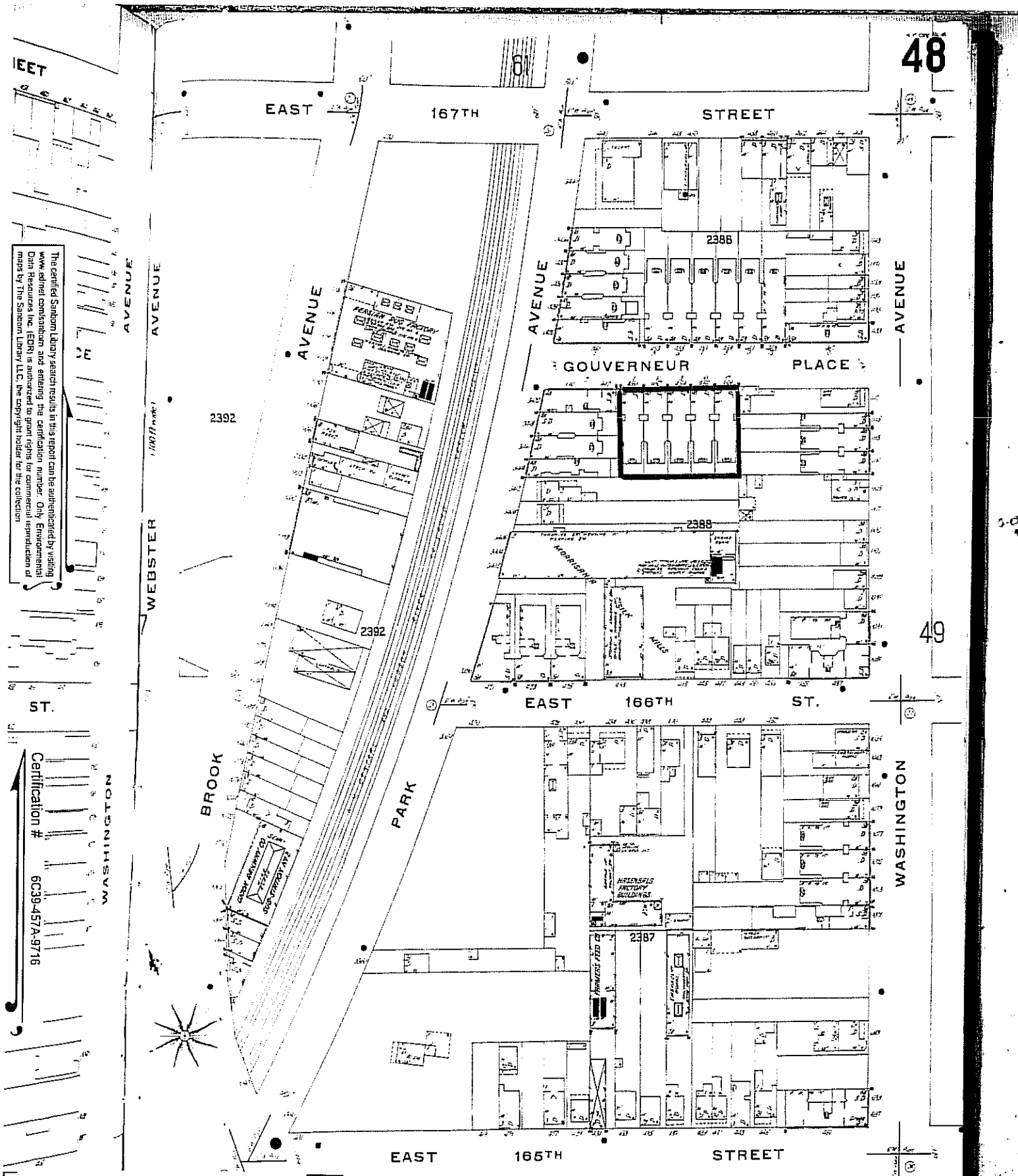
ESI File: WB08037.20

October 2008

Scale: 1:24000

APPENDIX C

Sanborn Fire Insurance Maps



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Address:	4-12 Gouverneur Place
City, ST, ZIP:	Bronx NY 10456
Client:	Ecosystems Strategies, Inc.
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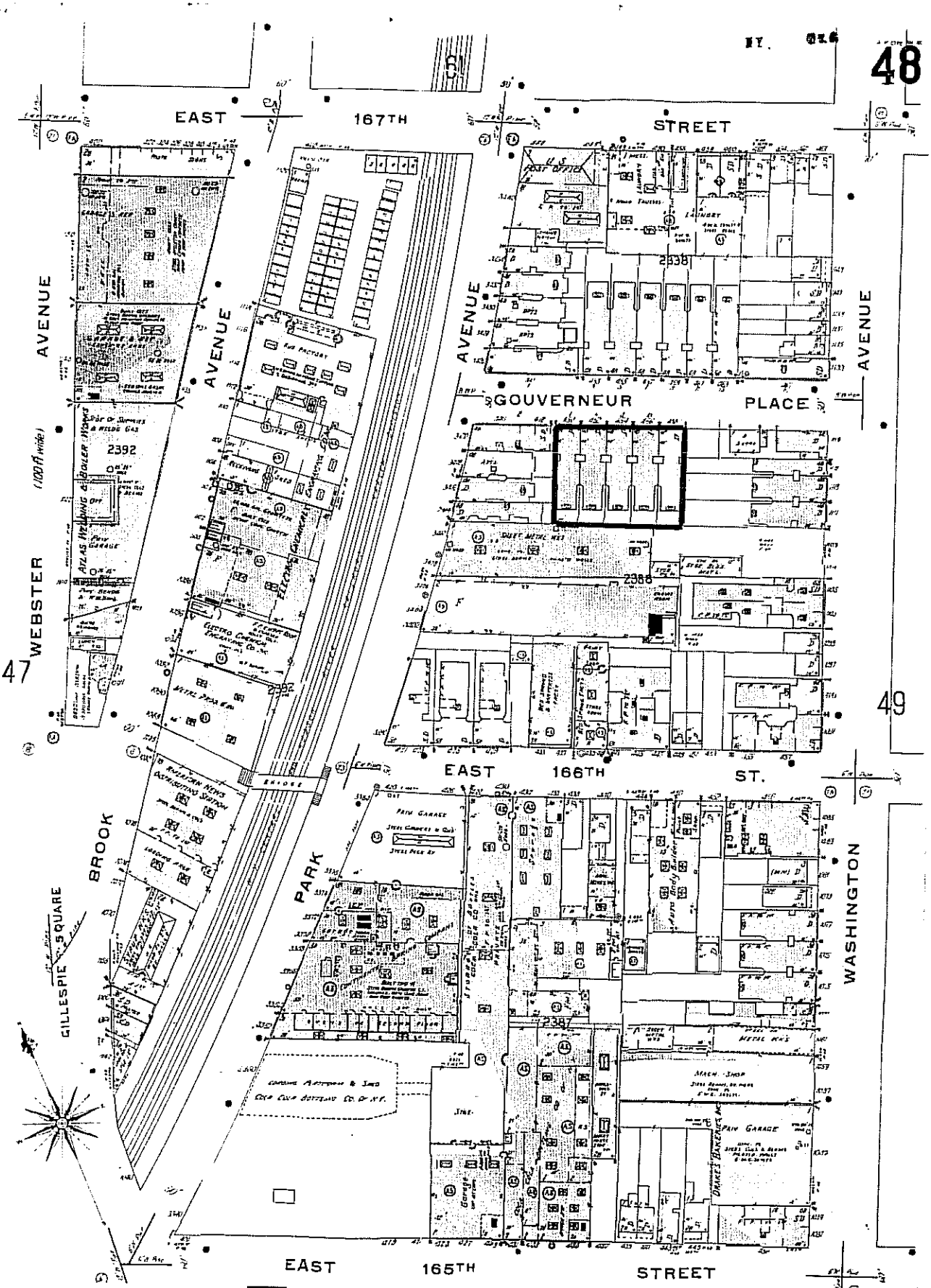
Order Date:	2/25/2008 11:12:28 AM
Certification #	6C39-457A-9716

Copyright: 1909



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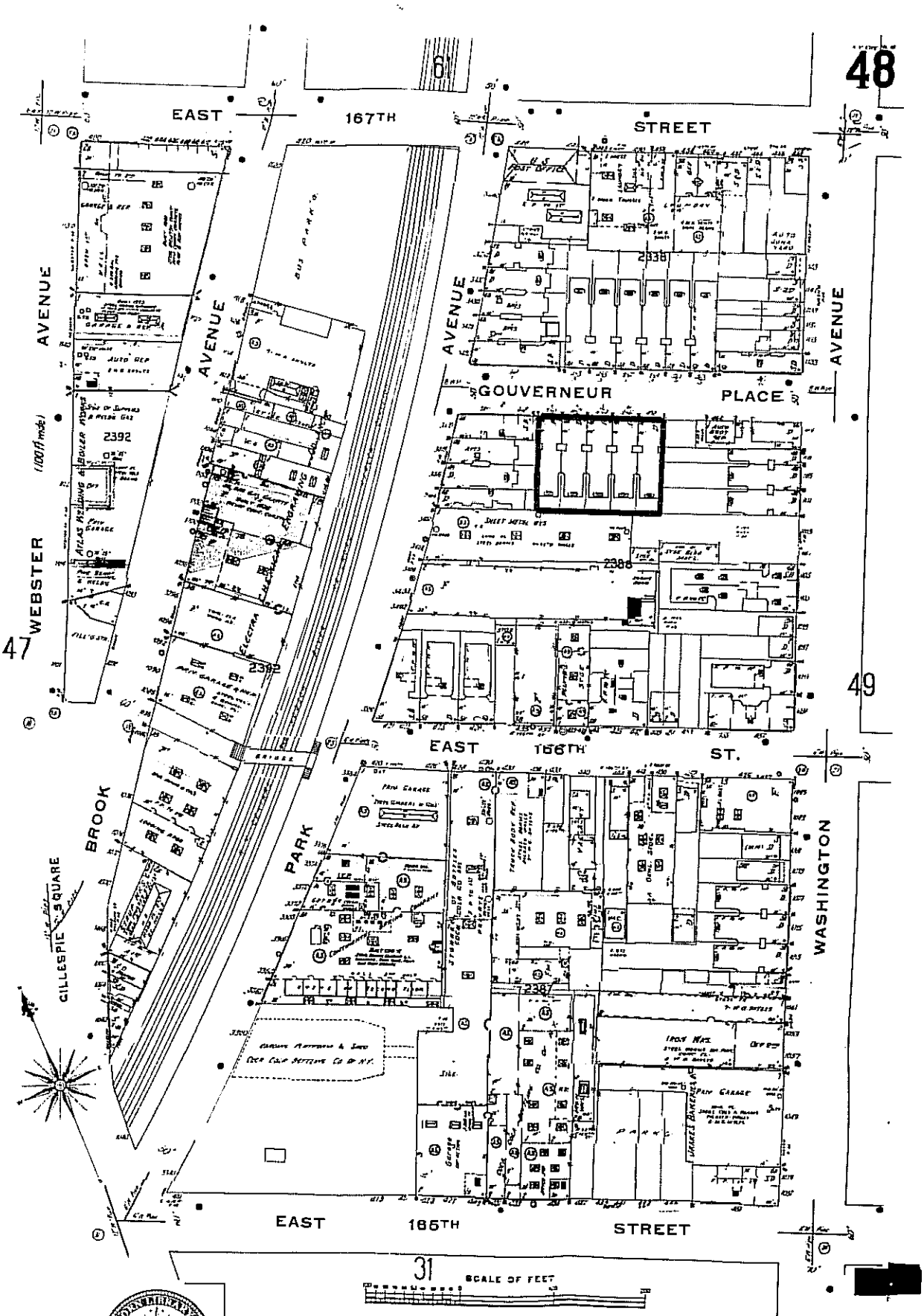
Certification #	6C39-457A-9716

Copyright 1961



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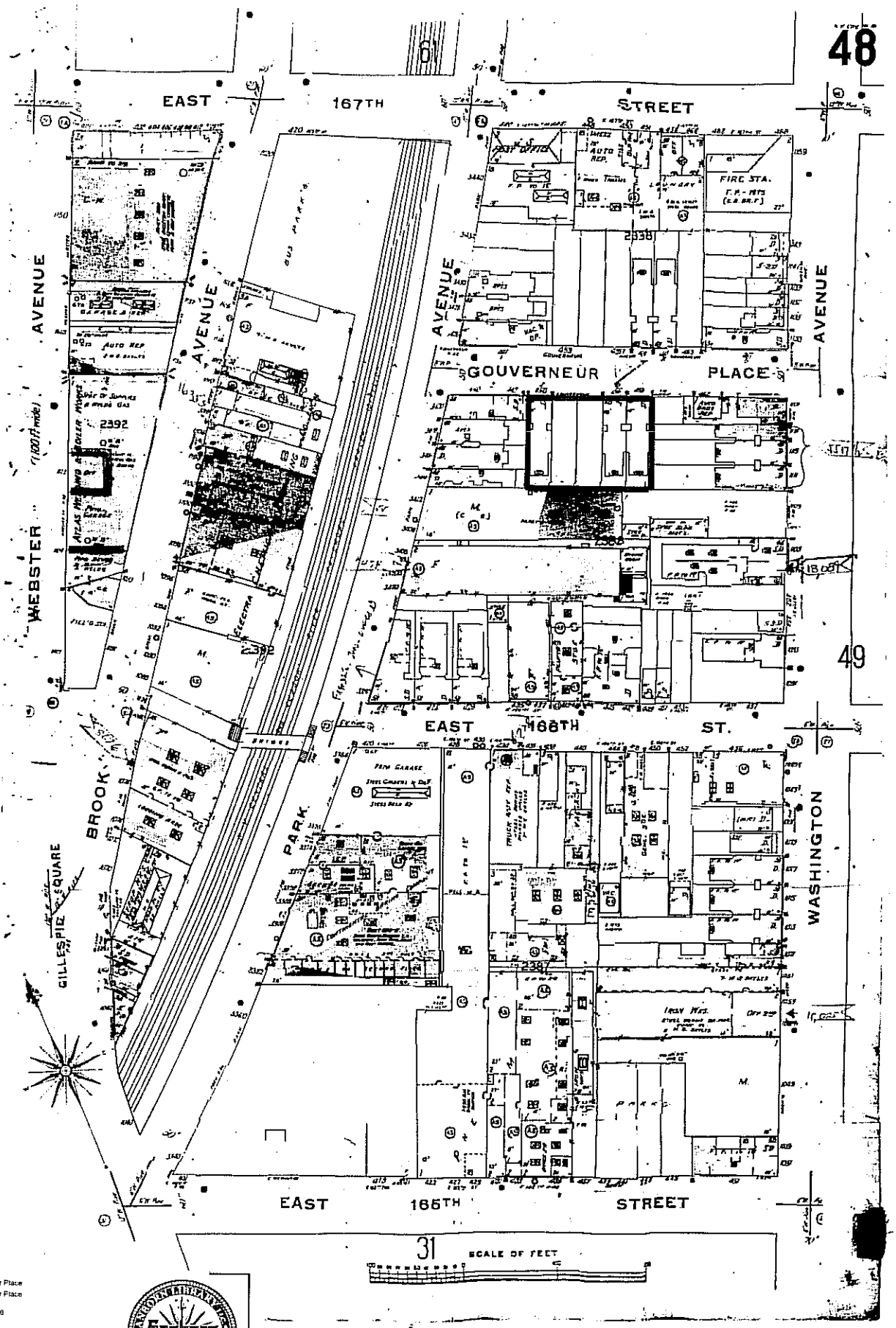
Copyright: 1999



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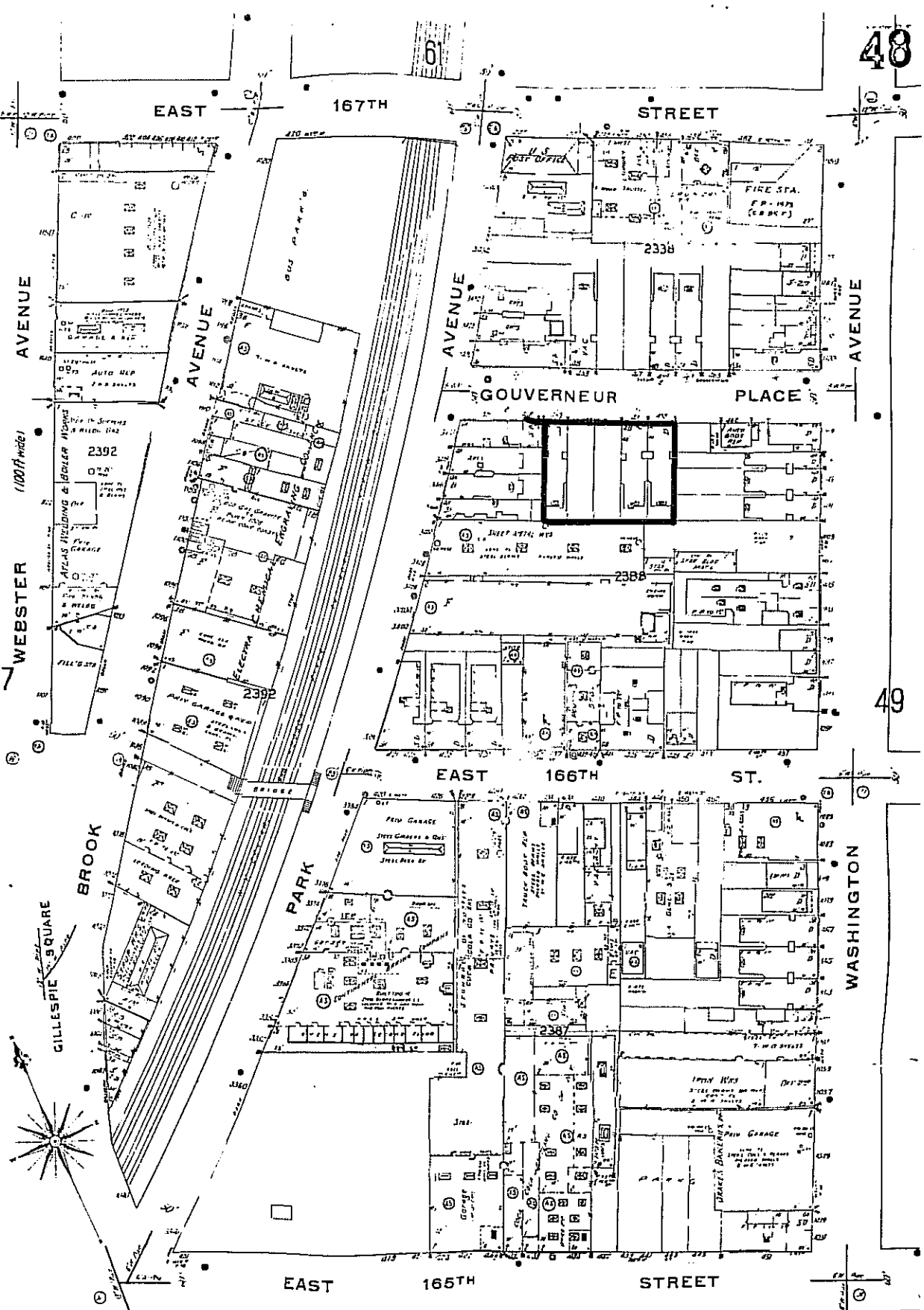
Copyright: 1970



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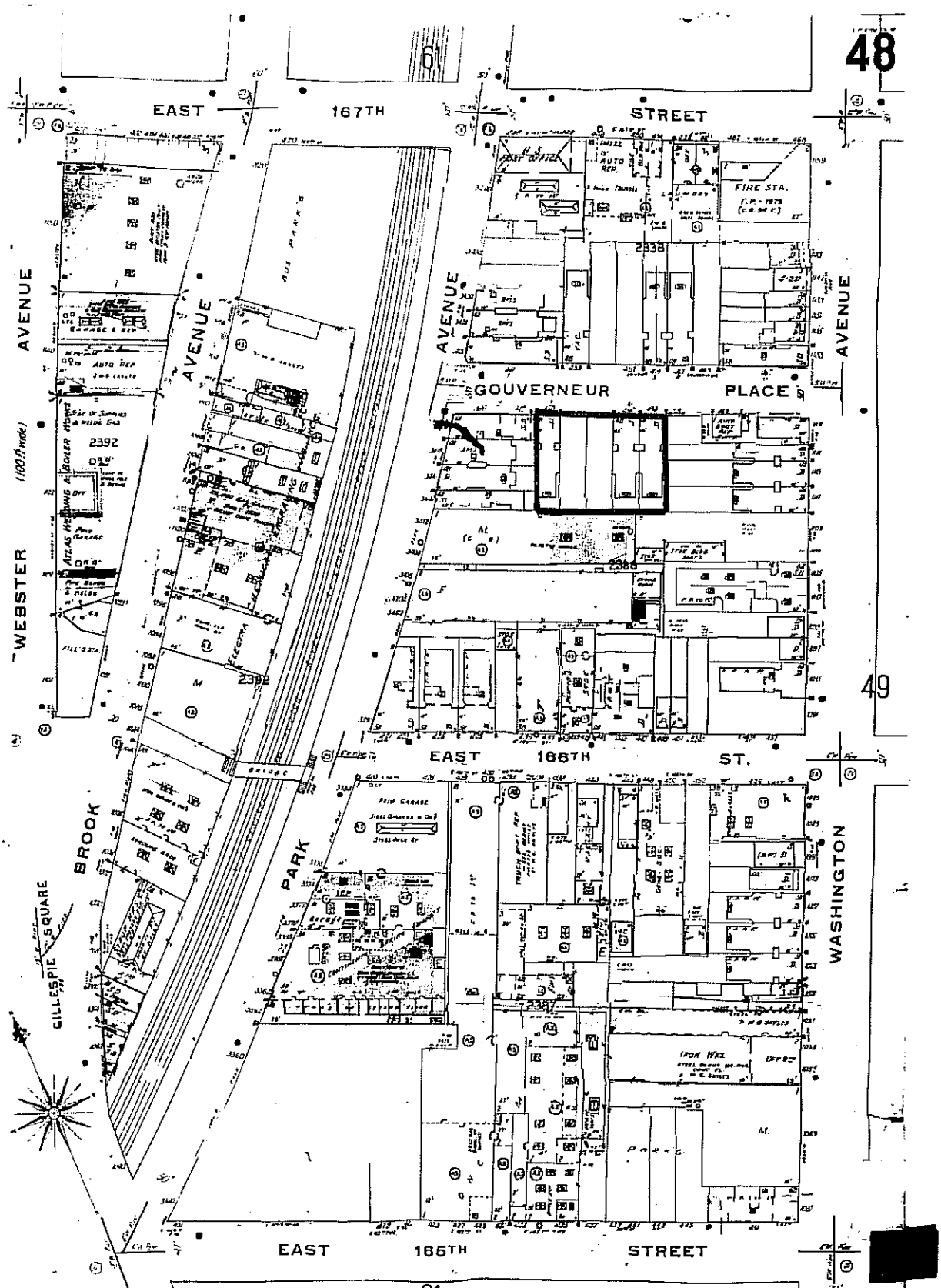
Copyright: 1977



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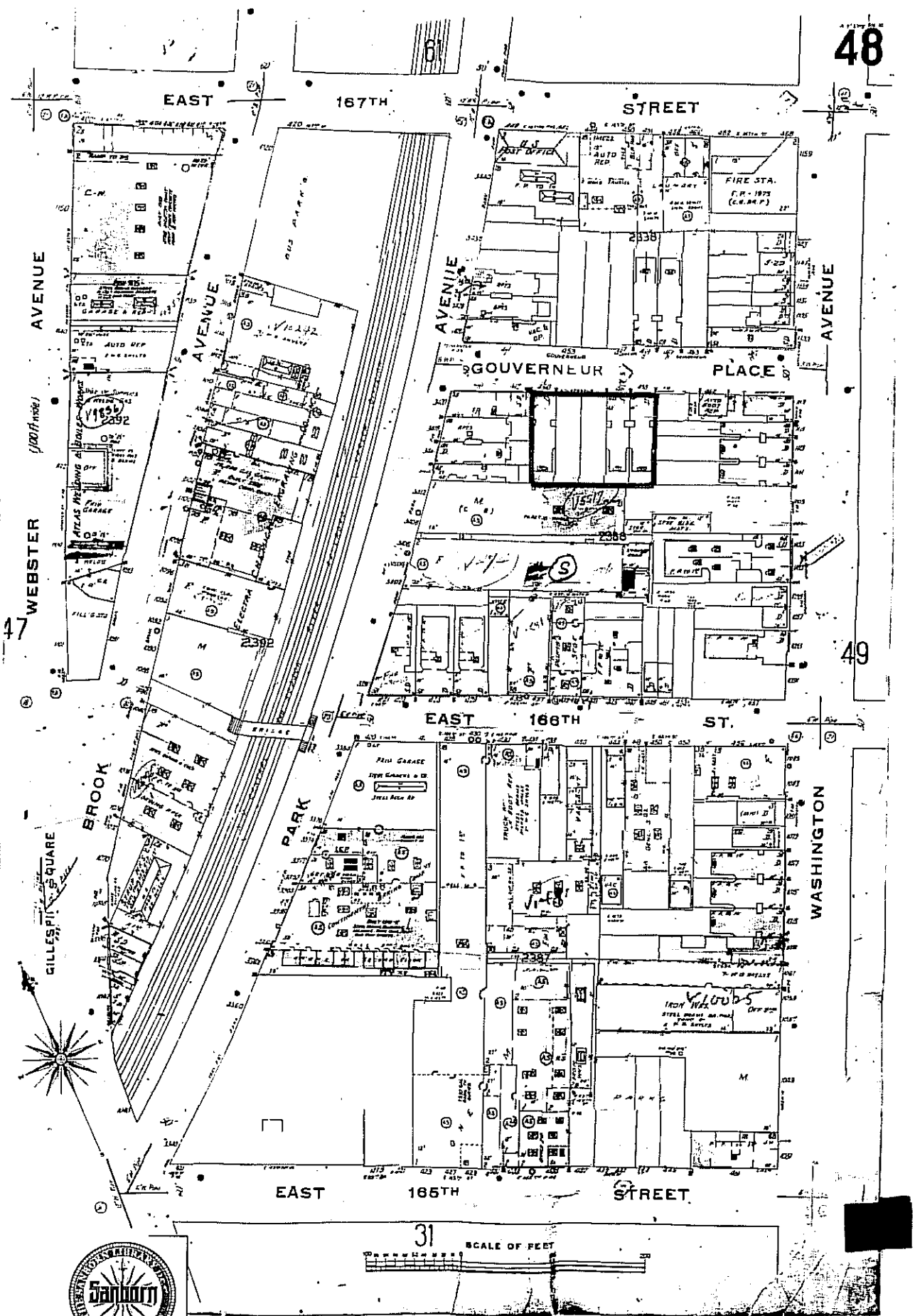

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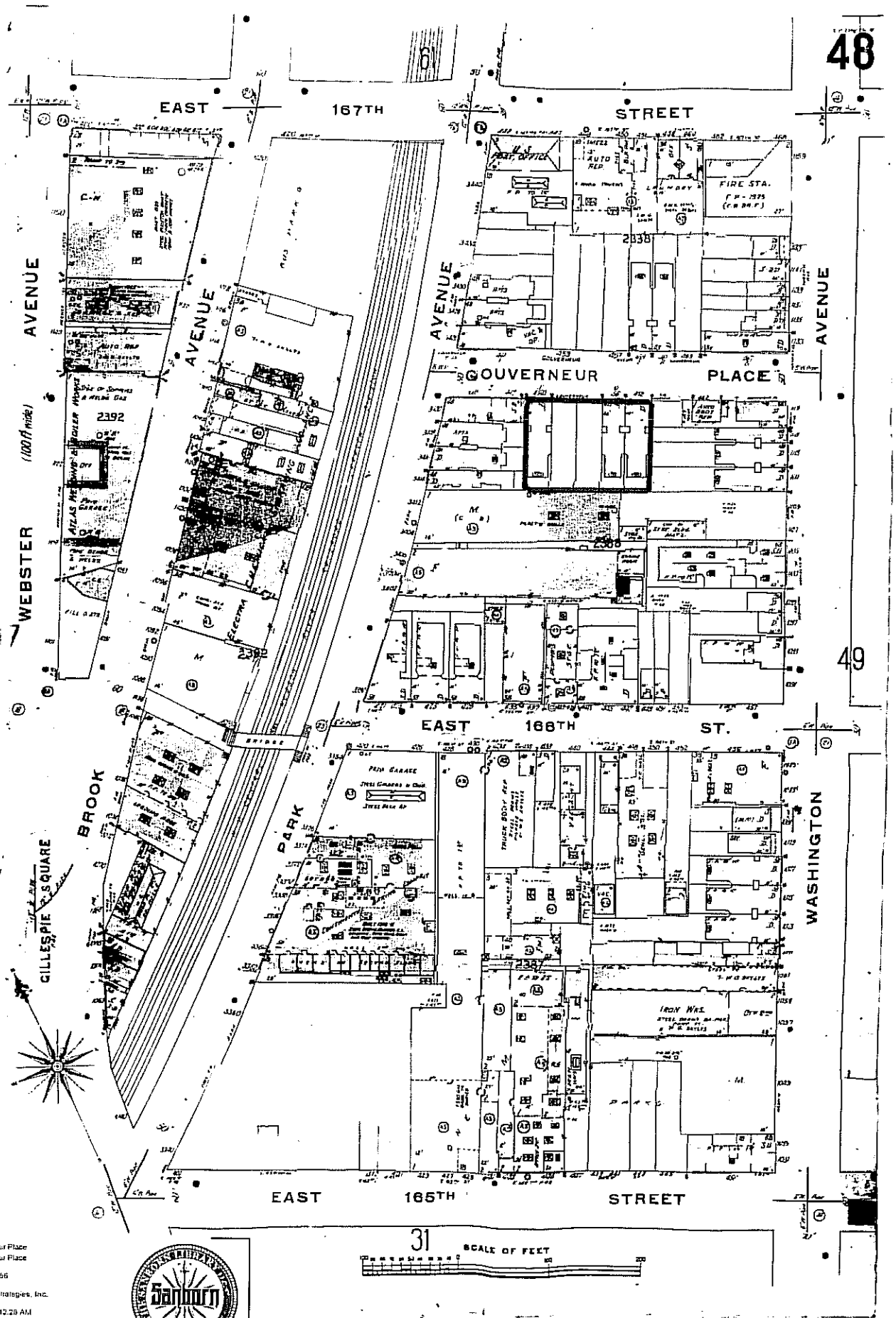
Copyright 1979



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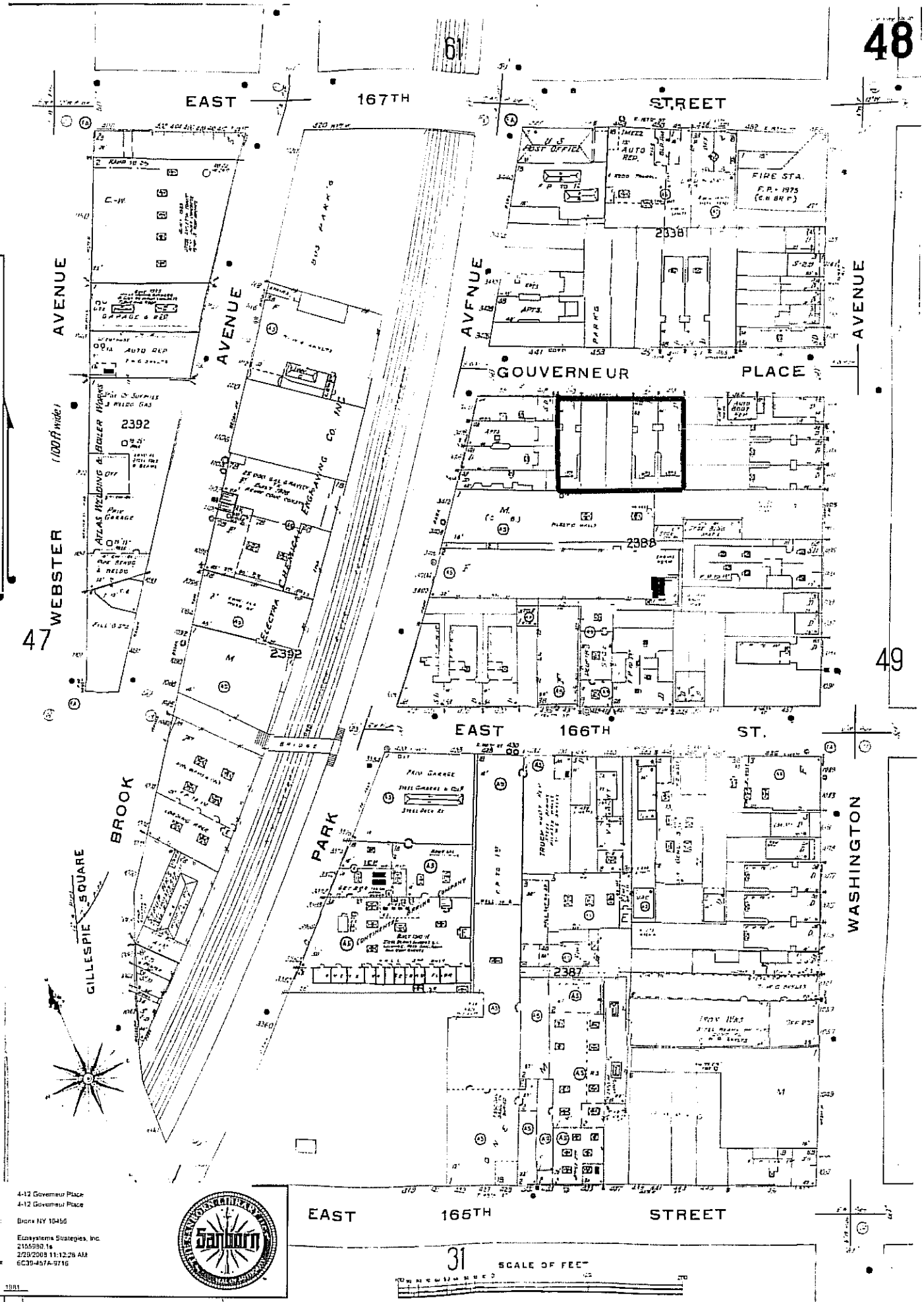
Copyright 1990



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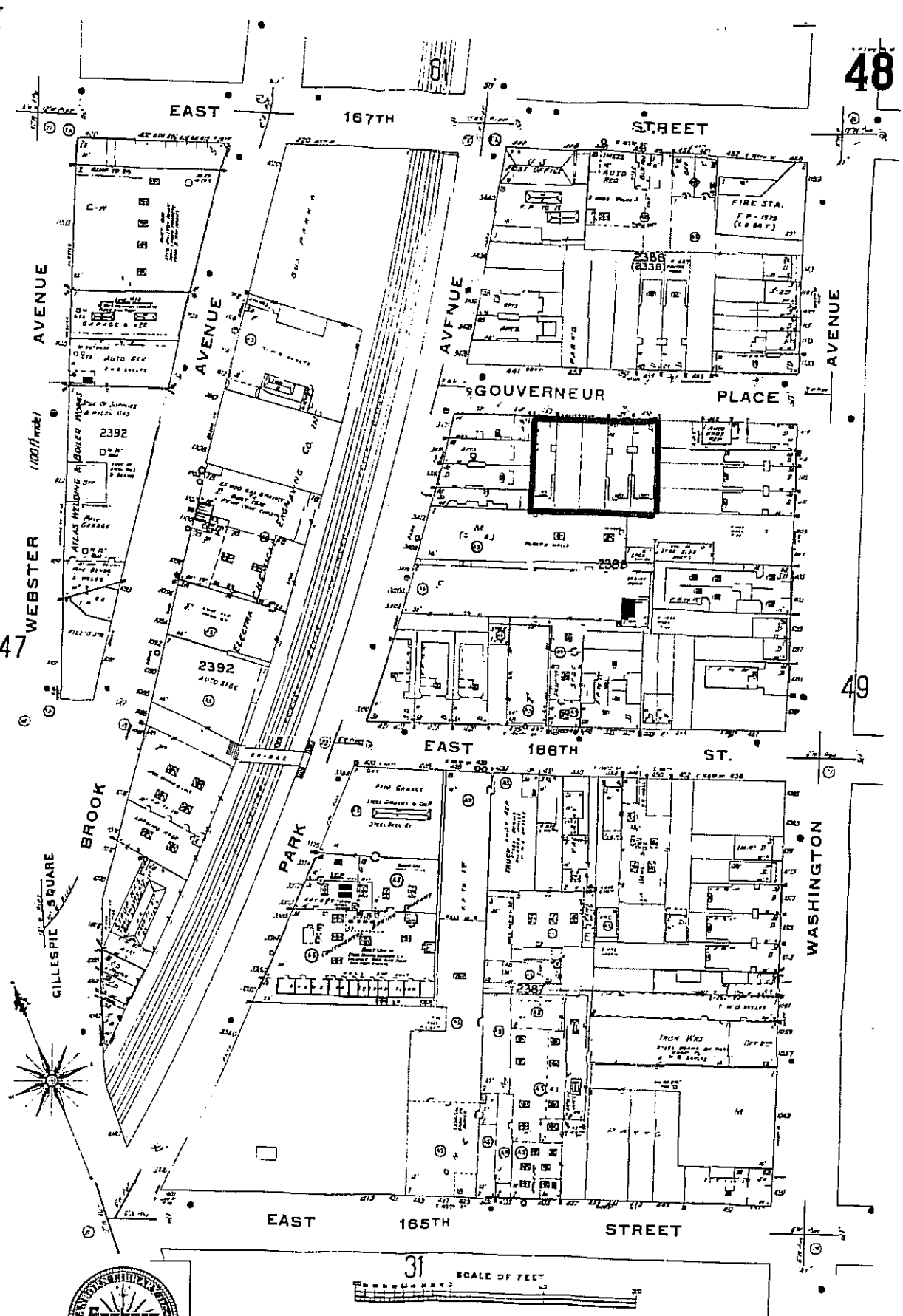
Copyright 1981



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City, ST, ZIP	Bronx NY 10456
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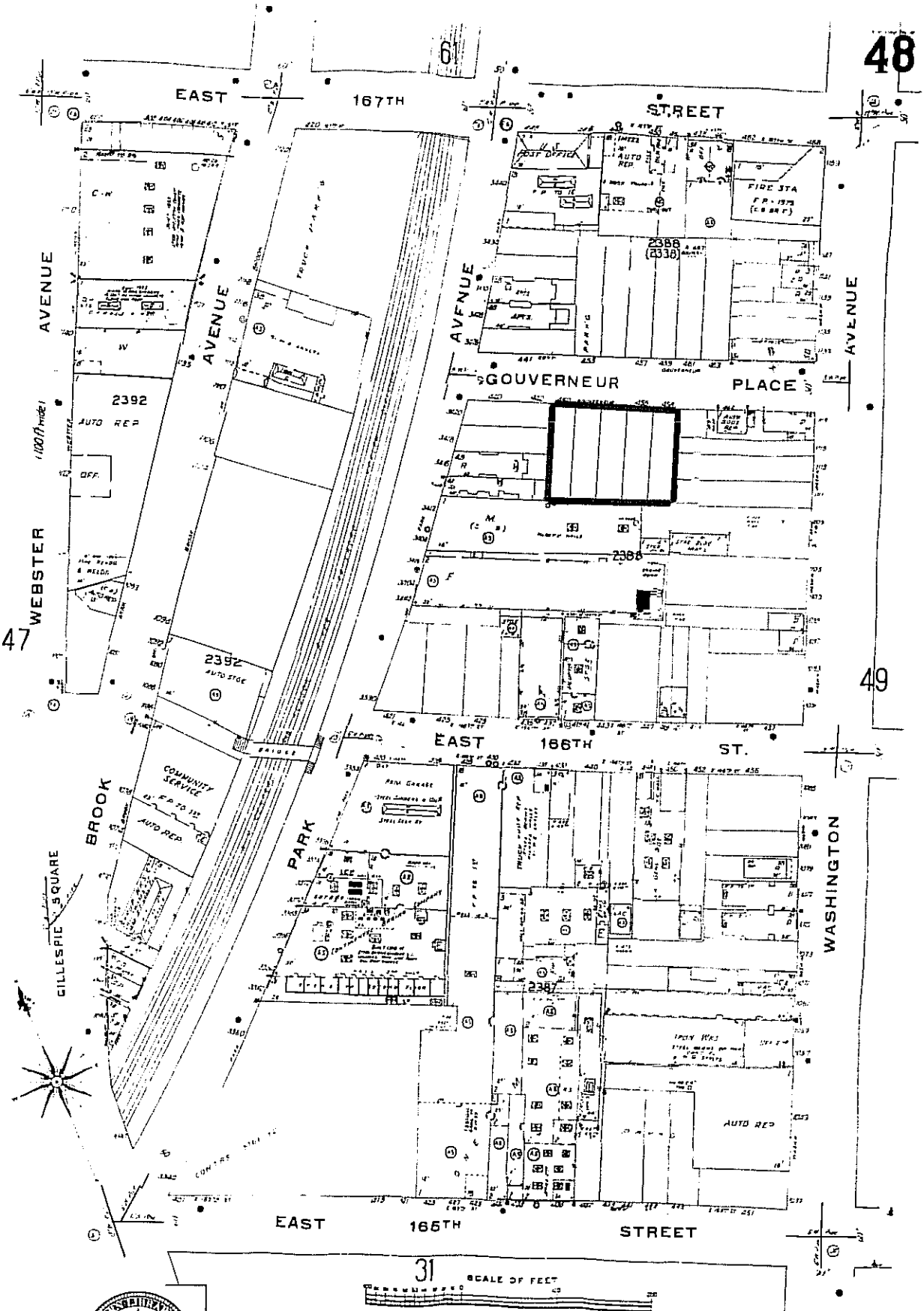
Copyright 1994



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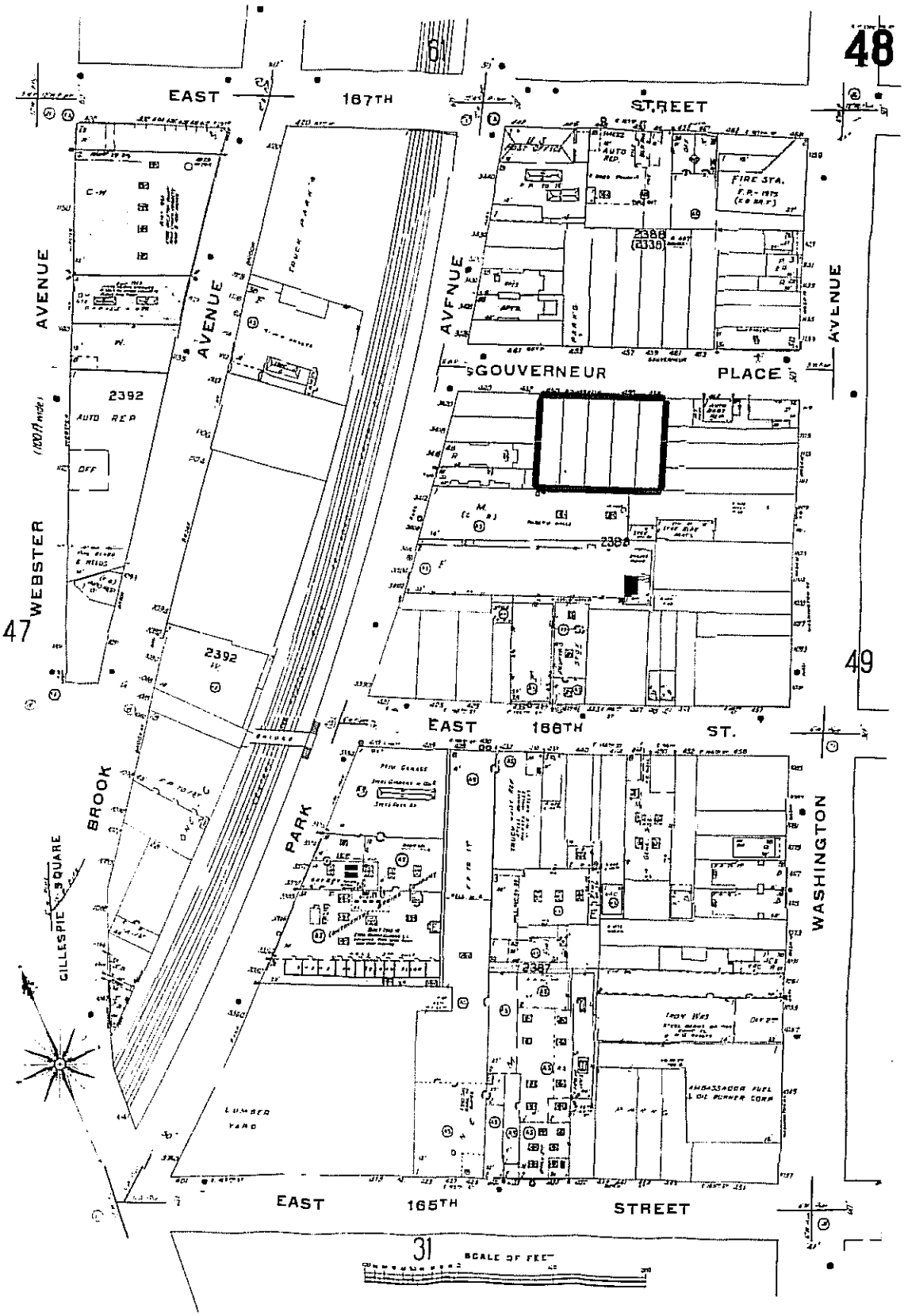
Copyright: 1989



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Copyright:	1991

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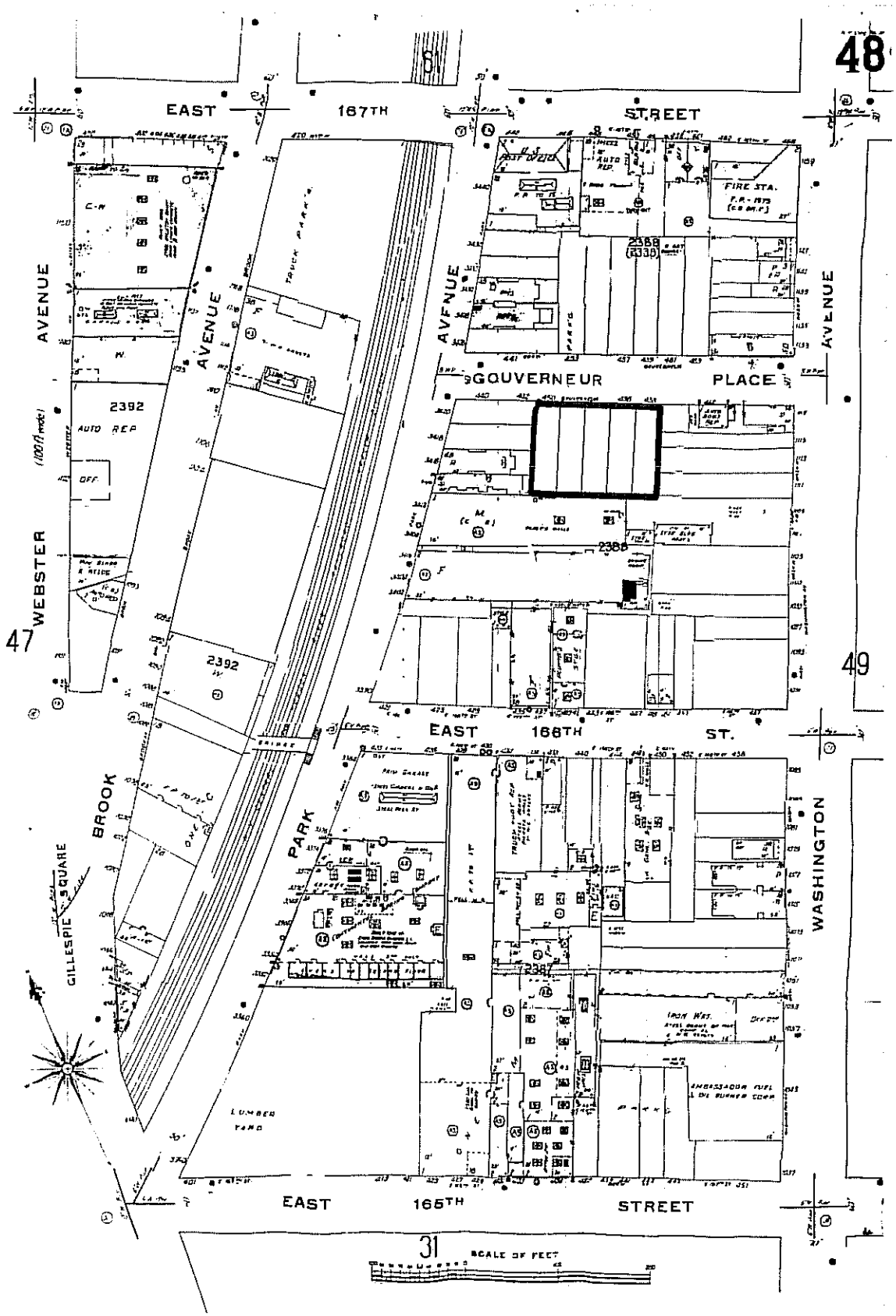

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City, ST, ZIP:	Bronx NY 10456
Client:	Ecosystems Strategies, Inc.
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Copyright:	1992

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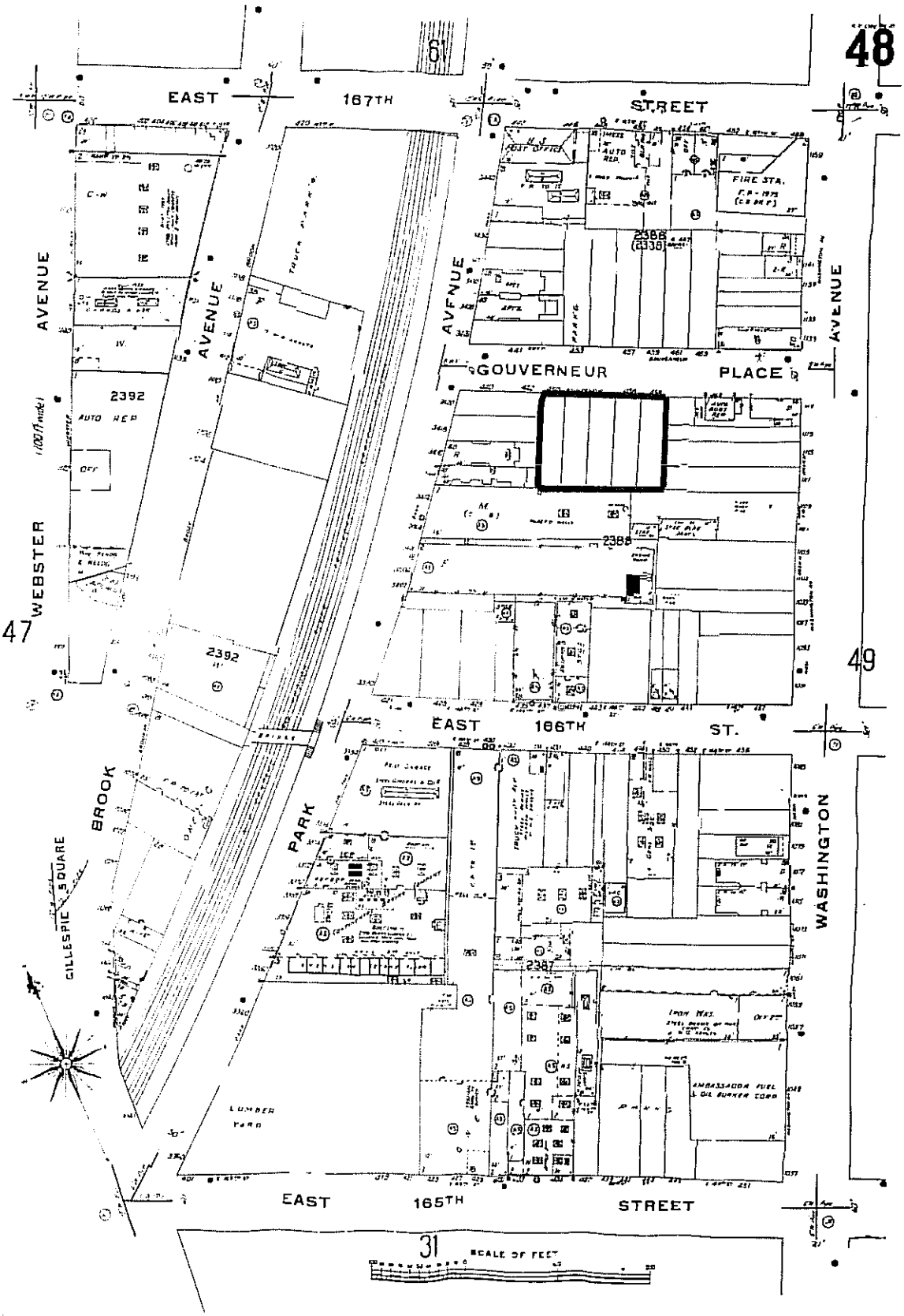

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City, ST, ZIP:	Bronx NY 10456
Client:	Ecosystems Strategies, Inc
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Copyright:	1993

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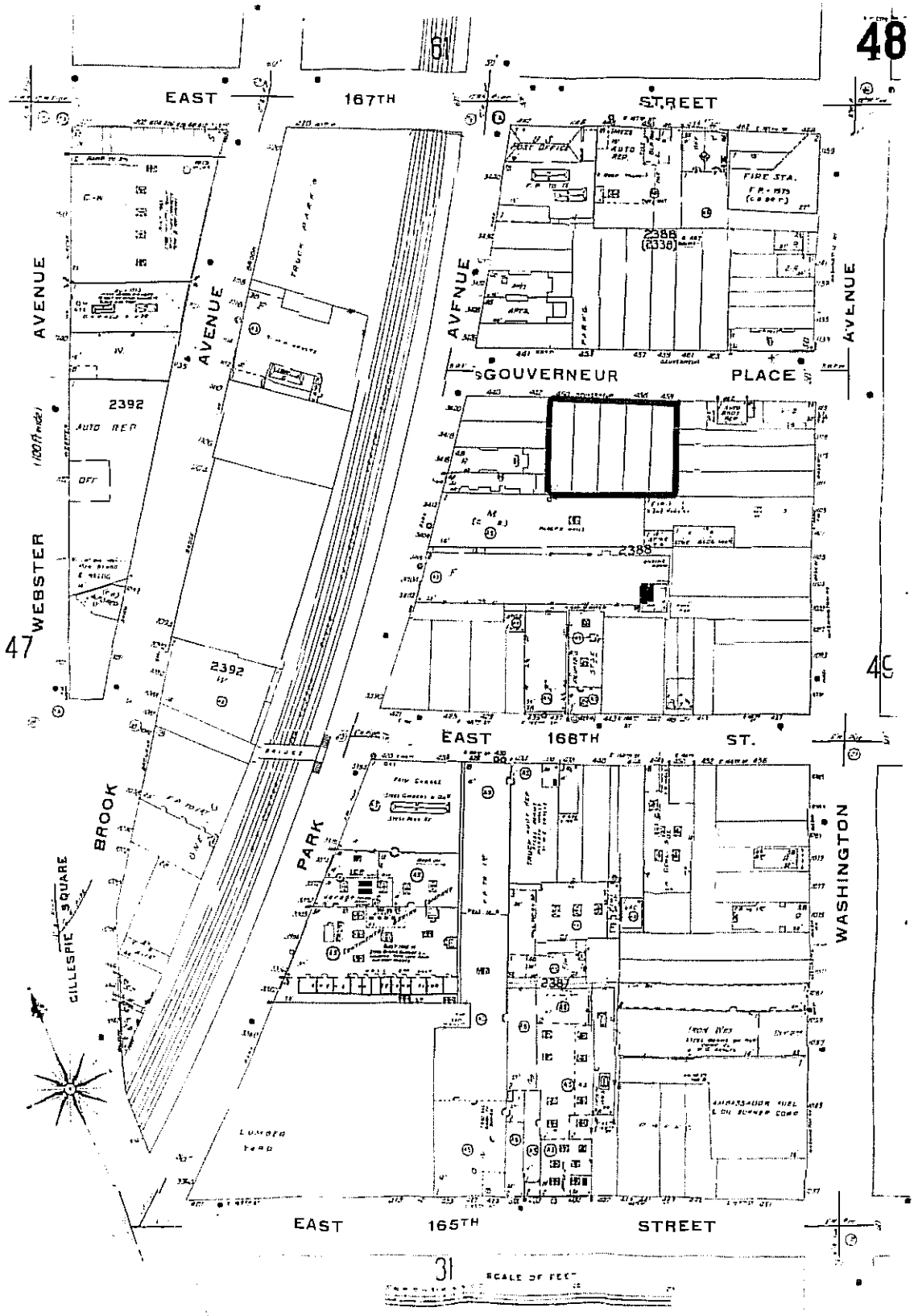

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Address:	4-12 Gouverneur Place
City, ST, ZIP	Bronx NY 10456
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	2155950.1s
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Certification #	6C39-457A-9716
Copyright:	1995

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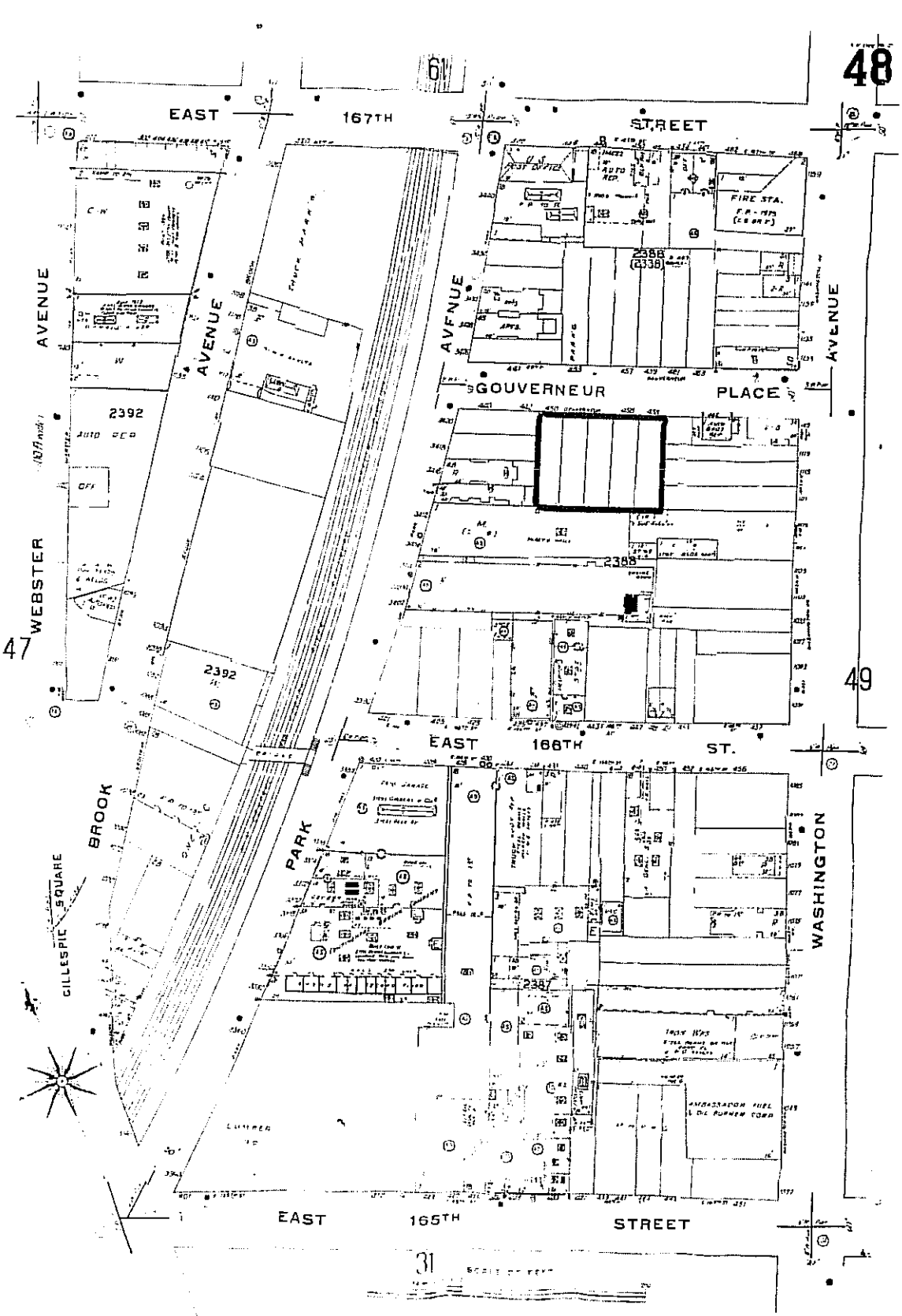

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Address:	4-12 Gouverneur Place
City, ST, ZIP:	Bronx NY 10456
Client:	Ecosystems Strategies, Inc.
EDR Inquiry	2155880.1s
Order Date	2/29/2008 11:12:25 AM
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Copyright: 1996

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APPENDIX D

Regulatory Review Database Report

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property:

6 GOUVERNEUR PL

BRONX NY 10456

Job Number: WB08037.20

PREPARED FOR:

Ecosystems Strategies, Inc.

24 Davis Avenue

Poughkeepsie, NY 12603

09-05-08

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

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Environmental FirstSearch
Search Summary Report

Target Site: 6 GOUVERNEUR PL
BRONX NY 10456

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	07-09-08	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	07-09-08	0.50	0	0	0	0	-	0	0
CERCLIS	Y	07-09-08	0.50	0	0	0	0	-	0	0
NFRAP	Y	07-09-08	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	07-03-08	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	07-03-08	1.00	0	0	0	0	0	0	0
RCRA GEN	Y	07-03-08	0.12	0	0	-	-	-	0	0
RCRA NLR	Y	07-03-08	0.12	0	0	-	-	-	0	0
Federal IC / EC	Y	07-23-08	0.50	0	0	0	0	-	0	0
ERNS	Y	07-30-08	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-01-05	0.50	0	0	0	0	-	0	0
State/Tribal Sites	Y	05-14-08	1.00	0	0	0	0	0	0	0
State Spills 90	Y	06-16-08	0.25	0	6	0	-	-	0	6
State Spills 80	Y	10-18-00	0.25	0	0	3	-	-	0	3
State/Tribal SWL	Y	05-03-06	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	06-16-08	0.25	0	4	13	-	-	0	17
State/Tribal UST/AST	Y	05-15-08	0.12	0	0	-	-	-	0	0
State/Tribal EC	Y	05-14-08	0.50	0	0	0	0	-	0	0
State/Tribal IC	Y	05-14-08	0.50	0	0	0	0	-	0	0
State/Tribal VCP	Y	05-14-08	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	05-14-08	0.50	0	0	0	9	-	0	9
NPDES	Y	04-12-08	0.12	0	0	-	-	-	0	0
State Permits	Y	04-01-06	0.50	0	0	0	0	-	0	0
State Other	Y	05-15-08	0.50	0	0	0	0	-	0	0
- TOTALS -				0	10	16	9	0	0	35

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.

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Environmental FirstSearch
Site Information Report

Request Date:	09-05-08	**Search Type:**	COORD
Requestor Name:	Brian Brannick	**Job Number:**	WB08037.20
Standard:	AAI	**Filtered Report**	

Target Site: 6 GOUVERNEUR PL
BRONX NY 10456

Demographics

Sites: 35 **Non-Geocoded:** 0 **Population:** NA

Radon: NA

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	-73.909437	-73:54:34	**Easting:**	591957.343
Latitude:	40.829427	40:49:46	**Northing:**	4520182.746
			Zone:	18

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel

Services:

	Requested?	Date
Sanborns	No	
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: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

TOTAL: 35 **GEOCODED:** 35 **NON GEOCODED:** 0 **SELECTED:** 35

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
16	*SPILLS*	*9906575/CLOSED*	*PARK AVE and GOVERNEUR PL BRONX NY 10456*	*0.01 NW*	*1*
5	*SPILLS*	*1112 BROOK AVENUE 9313391/CLOSED*	*1112 BROOK AVENUE BRONX NY 10456*	*0.05 NW*	*3*
15	*SPILLS*	*VEHICLE LOCATED 0008184/CLOSED*	*E166TH ST/WASHINGTON/PARK BRONX NY 10456*	*0.06 SE*	*5*
8	*SPILLS*	*BODY SHOP 9710196/CLOSED*	*1088 BROOK AV BRONX NY 10456*	*0.07 SW*	*7*
12	*LUST*	*ENGINE CO. 050/LADD. CO. 19 FDNY - 0302008/ACTIVE*	*1155 WASHINGTON AVENUE BRONX NY 10456*	*0.08 NE*	*9*
11	*SPILLS*	*PARKING GARAGE 0511670/CLOSED*	*415 EAST 167TH STREET BRONX NY 10456*	*0.09 NW*	*10*
11	*SPILLS*	*COMMERCIAL BUSINESS 0511617/CLOSED*	*415 EAST 167TH STREET BRONX NY 10456*	*0.09 NW*	*13*
10	*LUST*	*CLAREMONT HOUSES CONSOL. -NYCHA 9808079/CLOSED*	*1162 WASHINGTON AVE BRONX NY 10456*	*0.11 NE*	*15*
10	*LUST*	*CLAREMONT HOUSES CONSOL. -NYCHA 9500975/CLOSED*	*1162 WASHINGTON AVE BRONX NY 10456*	*0.11 NE*	*16*
3	*LUST*	*3362 PARK AVENUE 9700765/CLOSED*	*3362 PARK AVENUE BRONX NY 10456*	*0.12 SW*	*17*
18	*LUST*	*CLOSED-LACKOF RECENT INFO 8707430/CLOSED*	*1165 CLAY AVE. BRONX NY 10456*	*0.17 NW*	*18*
18	*SPILLS80*	*1165 CLAY AVE/DAUGHTERS O 8707430/ACTIVE*	*1165 CLAY AVE. BRONX NY 10456*	*0.17 NW*	*19*
4	*LUST*	*MOBIL S/S 8810125/CLOSED*	*1210 WEBSTER AVENUE BRONX NY 10456*	*0.18 NW*	*20*
9	*LUST*	*CLAREMONT HOUSES CONSOL. -NYCHA 9805334/ACTIVE*	*1100 TELLER AVENUE BRONX NY 10456*	*0.18 NW*	*21*
4	*LUST*	*EXXONMOBIL S/S 17KME 9804771/ACTIVE*	*1210 WEBSTER AVE BRONX NY 10456*	*0.18 NW*	*22*
6	*LUST*	*WEBSTER HOUSES -NYCHA 9306461/ACTIVE*	*421 EAST 168TH STREET BRONX NY 10456*	*0.19 NE*	*24*
2	*LUST*	*HESS STATION 32535 9413203/ACTIVE*	*1201 WEBSTER AVENUE BRONX NY 10456*	*0.19 NW*	*25*
1	*LUST*	*1160 TELLER AVE/DAUGHTERS 8706970/CLOSED*	*1160 TELLER AVE. NEW YORK NY 10456*	*0.19 NW*	*27*
1	*LUST*	*DAUGHTER OF JACOB HOME 0305923/CLOSED*	*1160 TELLER AV BRONX NY 10456*	*0.19 NW*	*28*
7	*LUST*	*505 WEIHER COURT. 9310856/CLOSED*	*505 WEIHER COURT. BRONX NY 10456*	*0.21 SE*	*30*
14	*LUST*	*HPD SITE 0109784/CLOSED*	*391 EAST 168TH ST BRONX NY 10456*	*0.22 NW*	*31*

Environmental FirstSearch
Sites Summary Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

TOTAL: 35 **GEOCODED:** 35 **NON GEOCODED:** 0 **SELECTED:** 35

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
13	*LUST*	*HOUSING DEVELOPMENT FUND* *0109590/CLOSED*	*393 EAST 168TH STREET* *BRONX NY 10456*	*0.22 NW*	*32*
17	*LUST*	*CLOSED-LACKOF RECENT INFO* *8802286/CLOSED*	*1122 FRANKLIN AVE* *BRONX NY 10456*	*0.22 SE*	*33*
17	*LUST*	*CLOSED-LACKOF RECENT INFO* *8803669/CLOSED*	*1122 FRANKLIN AVE* *BRONX NY 10456*	*0.22 SE*	*34*
17	*SPILLS80*	*N Y S ARMORY* *8802286/ACTIVE*	*1122 FRANKLIN AV* *BRONX NY 10456*	*0.22 SE*	*35*
17	*SPILLS80*	*1122 FRANKLIN AV/NYS ARMO* *8803669/ACTIVE*	*1122 FRANKLIN AVE* *BRONX NY 10456*	*0.22 SE*	*36*
27	*BROWNFIELD*	*PLAZA 163 LLC* *C203023/BCP*	*163-164TH / WASHINGTON AVE.* *BRONX NY 10456*	*0.29 SW*	*37*
23	*BROWNFIELD*	*910 MELROSE AVENUE (MELROSE COMMON* *B00091/ERP*	*910 MELROSE AVENUE* *BRONX NY 10451*	*0.37 SW*	*39*
24	*BROWNFIELD*	*921 MELROSE AVENUE (MELROSE COMMON* *B00090/ERP*	*921 MELROSE AVENUE* *BRONX NY 10451*	*0.37 SW*	*40*
19	*BROWNFIELD*	*3219 THIRD AVENUE (MELROSE COMMONS* *B00100/ERP*	*3219 THIRD AVENUE* *BRONX NY 10451*	*0.38 SE*	*41*
21	*BROWNFIELD*	*502 EAST 162ND STREET (MELROSE COM* *B00099/ERP*	*502 EAST 162ND STREET* *BRONX NY 10451*	*0.40 SW*	*42*
22	*BROWNFIELD*	*875 ELTON AVENUE (MELROSE COMMONS)* *B00097/ERP*	*875 ELTON AVENUE* *BRONX NY 10451*	*0.44 SW*	*43*
26	*BROWNFIELD*	*COURTLANDT CORNERS II* *C203041/BCP*	*884 COURTLANDT AVENUE* *BRONX NY 10451*	*0.44 SW*	*44*
20	*BROWNFIELD*	*406 EAST 160TH STREET (MELROSE COM* *B00093/ERP*	*406 EAST 160TH STREET* *NEW YORK NY 10451*	*0.47 SW*	*45*
25	*BROWNFIELD*	*COURTLANDT CORNERS I* *C203040/BCP*	*868 COURTLANDT AVENUE* *BRONX NY 10451*	*0.48 SW*	*46*

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 6 **DIST/DIR:** 0.01 NW **MAP ID:** 16

NAME:
ADDRESS: PARK AVE and GOVERNEUR PL
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 9906575
ID2: 265965
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 9/1/1999
CLOSED DATE: 11/2/1999
DATE REPORTED: 9/2/1999
INSP DATE:

MATERIAL SPILLED: WASTE OIL/USED OIL
MATERIAL CLASS: PETROLEUM
AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: YES
INDOOR AIR:
SURFACE WATER:
SEWER:
SUBWAY:
AIR:
GROUNDWATER:
DRINKING WATER:
IMPERVIOUS SURFACE:
UNDERGROUND UTILITIES:

CAUSE OF SPILL: ABANDONED DRUMS
WATERBODY AFFECTED:
SOURCE OF SPILL: UNKNOWN
REPORTED BY: OTHER

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: SMSANGES
SPILL CONTACT: CALLER
TELEPHONE: (718) 595-4653

SPILLER: UNKNOWN

ADDRESS:
, NY

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 1/22/2003
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: CALLER REPROTS 1 GALLON WAST OIL SPILL TO GROUND FROM ABANDONED DRUMS.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 11/2/99 Drum Run pick up - PIN 01036 (ABANDONED DRUM)/SEE SPILL 9930008

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 6 **DIST/DIR:** 0.01 NW **MAP ID:** 16

NAME:		**REV:**	6/16/08
ADDRESS:	PARK AVE and GOVERNEUR PL	**ID1:**	9906575
	BRONX NY	**ID2:**	265965
	BRONX	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 1 **DIST/DIR:** 0.05 NW **MAP ID:** 5

NAME: 1112 BROOK AVENUE
ADDRESS: 1112 BROOK AVENUE
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 9313391
ID2: 169099
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 2/14/1994
CLOSED DATE: 2/14/1994

DATE REPORTED: 2/14/1994
INSP DATE:

MATERIAL SPILLED: 6 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 30 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: YES
INDOOR AIR:
SURFACE WATER:
SEWER:
SUBWAY:

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

CAUSE OF SPILL: EQUIPMENT FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: OTHER

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: KSTANG
SPILL CONTACT:
TELEPHONE:

SPILLER:

ADDRESS:
Update, ZZ

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 9/30/2004
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

CALLER REMARKS: FITTING WENT LOOSE - 5-6 AREA USE DRY ZOLL - CHOPPED UP SNOW / ICE CALL BOB OF MIRAND FUEL, ONLY A MINOR SPILL FROM LOOSE FITTING - CLEANED UP PETROLEUM TANK CLEANER.

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

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 1 **DIST/DIR:** 0.05 NW **MAP ID:** 5

NAME:	1112 BROOK AVENUE	**REV:**	6/16/08
ADDRESS:	1112 BROOK AVENUE	**ID1:**	9313391
	BRONX NY	**ID2:**	169099
	BRONX	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 5 **DIST/DIR:** 0.06 SE **MAP ID:** 15

NAME: VEHICLE LOCATED
ADDRESS: E166TH ST/WASHINGTON/PARK
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 0008184
ID2: 251912
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 10/12/2000
CLOSED DATE: 10/27/2000

DATE REPORTED: 10/12/2000
INSP DATE:

MATERIAL SPILLED: UNKNOWN PETROLEUM
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: YES
INDOOR AIR:
SURFACE WATER:
SEWER:
SUBWAY:

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

CAUSE OF SPILL: OTHER
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL VEHICLE
REPORTED BY: LOCAL AGENCY

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: SMSANGES
SPILL CONTACT: BRIAN MORGAN
TELEPHONE: (212) 837-8452

SPILLER: UNKNOWN

ADDRESS:
, NY

TELEPHONE:

REPORTED BY: LOCAL AGENCY

LAST DEC UPDATE: 10/27/2000
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: VEHICLE ABANDONDED WITH 4 TANKS IN THE BED WITH OIL AND WATER MIXTURE.

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND Abandoned tanker truck - Cleaned up as a PIN job 10/12/2000 - Luzon Environmental was called first, but they said they could not send a vac truck today, Milro was then called. Sangesland went with Milro vac truck to the site. Some liquid was vaccuumed out of the truck, but there was thick mud like waste oil left. DEC directed Milro to return on 10/13/2000 with a

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 5 **DIST/DIR:** 0.06 SE **MAP ID:** 15

NAME:	VEHICLE LOCATED	**REV:**	6/16/08
ADDRESS:	E166TH ST/WASHINGTON/PARK	**ID1:**	0008184
	BRONX NY	**ID2:**	251912
	BRONX	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	

Guzzler truck. 10/13/2000 - Milro Guzzled out more material, but could not get out the remainder of the material (hard tar like material in bottom of truck) 10/25/2000 - After several calls from Brian Morgan of NYC Sanitation Police (212-837-8452) requesting DEC to remove the hard tar, Randy Austin directed Sangesland to tell Sanitation that the material remaining is a solid waste and DEC is no longer responsible for it s removal. Spill closed 10/27/2000

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 2 **DIST/DIR:** 0.07 SW **MAP ID:** 8

NAME: BODY SHOP
ADDRESS: 1088 BROOK AV
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 9710196
ID2: 291156
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 12/4/1997
CLOSED DATE:

DATE REPORTED: 12/4/1997
INSP DATE:

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

SOIL: YES
INDOOR AIR:
SURFACE WATER:
SEWER:
SUBWAY:

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

CAUSE OF SPILL: DELIBERATE
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: CITIZEN

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: qxabidi
SPILL CONTACT:
TELEPHONE:

SPILLER: BODY SHOP

ADDRESS: 1088 BROOK AV
BRONX, NY

TELEPHONE:

REPORTED BY: CITIZEN

LAST DEC UPDATE: 10/15/2007
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: CALLER STATED THAT THE BODY SHOP IS ILLEGALLY REMOVING 2 UNDERGROUND GAS TANKS - BODY SHOP USED TO BE A GAS STATION - UNKNOWN IF ANY ACTUAL PRODUCT HAS BEEN SPILLED

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT NO PBS. 12/12/02 Reassigned from O Dowd to Vought. 9/23/05 - reassigned from Vought to Obligado 09/05/06: This spill is transferred from Mr. Koon Tang to Q.Abidi. 10/15/07: Called Mr. Carlos to discuss

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 2 **DIST/DIR:** 0.07 SW **MAP ID:** 8

NAME:	BODY SHOP	**REV:**	6/16/08
ADDRESS:	1088 BROOK AV	**ID1:**	9710196
	BRONX NY	**ID2:**	291156
	BRONX	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	

regarding spill. He was not there left message to call me back. -QA

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 20 **DIST/DIR:** 0.08 NE **MAP ID:** 12

NAME: ENGINE CO. 050/LADD. CO. 19 FDNY -DDC
ADDRESS: 1155 WASHINGTON AVENUE
BRONX NY
BRONX
CONTACT:

REV: 12/6/07
ID1: 0302008
ID2: 192044
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 4/30/2003
CLOSED DATE: 12:00:00 AM

DATE REPORTED: 5/27/2003
INSP DATE: 12:00:00 AM

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: OTHER
CALLER REMARKS: START CALLERREMARK - 0302008 RESULTS OF SOIL SAMPLES AFTER A TANK REMOVAL
END CALLERREMARK - 0302008

REGION: 2
UST TRUST? NO

SPILL INVESTIGATOR: jamaison
SPILL CONTACT: MICHELE VISONE
TELEPHONE: (718) 442-8200

SPILLER: NYC FIRE ENGINE COMP 50

ADDRESS: 1155 WASHINGTON AVE
BRONX, NY

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 10/27/2006
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
Start DECRemark - 0302008 Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY CROSS REF WITH SPILL 9613623 Sangesland DDO, Contaminated Soil Letter sent to: Michele Visone Gem Star 83 Jewett Ave Staten Island, NY 10302 3/09/06: This spill transferred fom I. Islam to Q. Abidi. 08/18/06: Transferred to S.Kraszewski. - SK 09/27/06: Site diagram in LiRo reports shows 2 fuel oil UST is upgradient of area that was addressed under spill 9613623; soil and groundwater in this area must be investigated. - JK 10/27/06 Spill case transferred from S. Kraszewski to J. Maisonave. - JAM END DECRemark - 0302008

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 4 **DIST/DIR:** 0.09 NW **MAP ID:** 11

NAME: PARKING GARAGE
ADDRESS: 415 EAST 167TH STREET
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 0511670
ID2: 357875
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 1/10/2006
CLOSED DATE:

DATE REPORTED: 1/10/2006
INSP DATE:

CAUSE OF SPILL: OTHER
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: OTHER

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: skcarlso
SPILL CONTACT: RONALD GILBERT
TELEPHONE: (718) 292-1800

SPILLER: PARKING GARAGE
RONALD GILBERT
ADDRESS: 415 EAST 167TH STREET
BRONX, NY

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 6/3/2008
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: SOIL TESTING , AND FOUND CONTAMINATED SOIL; CALLER IS ASKING FOR KERRY FERRY AS A DEC REP:

DEC REMARKS:
This site has another case number with same problem. Case 0511617
********** Investigation around a 4,000 gal UST inside a warehouse building. Found groundwater contamination: HydroTech Environmental was hired by a potential purchaser to do a Phase 2 for a property sale. Ron Gilbert - 718-292-1800 3362 Park Ave Bronx. 10451 Mr. Gilbert called back to say the current owner (who will get the CSL) is: Ralph Starce c/o Family Garage Corp. 415 East 167th St. Bronx, NY 10456 Mr. Gilbert is in contract to purchase the property (sale approx Feb 1, 2006) and will probably handle the actual remediation of the site. Mr. Starce will be paying for the expenses. Impact Environmental has been hired by Mr. Gilbert to do the work. ********** CSL needs to be sent. 1/18/06-Hiralkumar Patel. Spoke with Mr. Benjamin (Fax 631-269-1599) at Impact Environment. as per his knowledge, some other company has done soil testing of this site and found contamination. and then the owner of the property turn to Impact for cleanup. Benjamin doesn t have enough information now, but he will call me back tomorrow with detailed information. future owner of the Property: Rite Super Market Equipment Corp. 3362 Park Ave (Address from switchboard.com) Bronx, NY 10456 Left message for Mr. Gilbert at Rite to call back. 1/19/06-Hiralkumar Patel. Spoke with Mr. Gilbert (FAX: 718-665-8340). The current owner of this property is Ralph Starce (718-538-5031). Mr. Mustafa at Hydrotech Environmental (631-462-5866)did initial investigation. Ralph Starce ph. 718-538-5031 Fax. 718-538-1550 Spoke with Gary Starce at Garage on location. this property is in use as a garage for last 80 years. And the property will be handover to new owner on 1st of March. Spoke with Mr. Mustafa

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 4 **DIST/DIR:** 0.09 NW **MAP ID:** 11

NAME:	PARKING GARAGE	**REV:**	6/16/08
ADDRESS:	415 EAST 167TH STREET	**ID1:**	0511670
	BRONX NY	**ID2:**	357875
	BRONX	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	

(Cell: 631-457-0031) and he going to call me back with more details. As per Mustafa, they found soil as well as groundwater contamination at property and its moving towards next door property which is a hospital. Mr. Mustafa is going to send me a soil investigation report today. As per Mustafa, buyer wants him to finish all cleanup first and then he will pay for entire cleanup. As per Mr. Starace at garage, they were refilling this tank once a month. and they have had tank test done every year from fire dept, and as per their reports there is no leakage from tank. Bronx Lebanon Hospital is next door of this garage. Bronx Lebanon Hospital 401 E 167th Street Bronx, NY 718-960-1340 contact: Vilas Parab (718-960-1342) As i talked with Mr. Richard Parrish (Fax: 631-269-1599) at Impact Environmental and he is going to send me phase-II results, tank test results as well as site remediation plan soon. As per Gilbert at Rite, Mr. Mustafa at Hydrotech is not a reliable person and he is threatening them to get the cleaning project. Mr. Gilbert requested that Hydro Tech no longer be contacted on project. I received Site Investigation report from Hydro Tech Environmental. - groundwater encounter at 14 to 16 ft. - high level (>1000 ppm) of organic vapors were envountered in SP-10 through PID - no free product was identified in any monitoring well - with computer-contouring program, groundwater flow direction toward the west - total VOC concentration exceeding 1,000,000 ug/kg was detected in the 12-14ft sample at SP-10 - 1,2,4-Trimethylbenzene concentration: 71,000 ug/kg (RSCO limit 10,000 ug/kg) - maximum total VOC concentration detected during this entire investigation (758,000 ug/kg) was identified to the south of the tanks - gasoline constituents are then observed to extend toward the north and east. - total VOC concentration at SP-1: 132,000 ug/kg - gasoline constituents don t appreciably extend further to the north, as evidenced by the results of soil probe SP-12. - total VOC concentration at SP-2 from 12-14 ft: 181,400 ug/kg. gasoline constituents extend further to the east, as evidenced by the results of soil probe SP-10, where a total VOC concentration of 188,400 ug/kg was detected. - VOCs detected at the greatest concentrations in the groundwater samples include Toluene (5,700 ug/L in MW-3), n-Propylbenzene (32 ug/L in MW-2) and n-Butylbenzene (100 ug/L in MW-1). - additional VOCs detected in the groundwater samples include Benzene, Ethylbenzene, o,m and p-Xylenes, Isopropylbenzene, tert Butylbenzene, sec-Butylbenzene, 4-Isopropylbenzene, Naphthalene and MTBE. - extent of gasoline constituents should only be limited to the dissolved product phase. As per Mr. Parab at Bronx Lebanon Hospital at site, they are running Life Enrichment Program on second floor. He is going to call me back with the information of owner of the building which has hospital. Owner of building having hospital: Tom Morrokoli (347-224-1111)
1/20/06-Hiralkumar Patel. Spoke with Tom Morokoli, and as per his knowledge there is no tank in the property where the hospital is. They are running gas heating system for last 15-18 years. As per Ms. Marsha Golden, Administrator at Bronx-Lebanon Hospital, they never smelled any vapor in their building. As i talked with Steve, there is no need to send CSL, because Impact Environment is already working on cleaning plan. Steve asked me to contact hospital with regards to possible impacts. Waiting for remediation plan from Richard Parrish at Impact Environment.
1/23/06-Vought-Received call and spoke to Ron Gilbert (718-292-1800) who is future purchaser of site. Gilbert requested new project manager and Vought referred him to DEC Austin. Gilbert has hired Impact environmental. Impact environmental will be removing tank and contaminated soil and treated soil with soil vapor extraction. HydroTech was initially hired by Gilbert and then Gilbert elected to do balance of work with Impact Enivronmental. Impact Environmental will send in remediation plane as per Gilbert. 1/24/06-Hiralkumar Patel. Randy has talked about this case with me and Vought as he had voice message from Gilbert. As per Randy, the steps I took, were required. and asked me to send STIP letter to Gilbert. Richard Parrish at Impact talked with Austin and Vought. Abstract of conversation. - we will receive Corrective action plan from Impact in two weeks - Sparge/SVE system will be proposed. - Impact will resample soil and groundwater - site will be continued to be used as parking garage - Current owner Mr. Ralph Starce has hired impact and Ralph will sign STIP - UST will be removed after closing. - Impact is looking for approval on investigation plan Talked with Mr. Parrish regarding sheduling site visit. He will on site at 11:00 AM on 25th January. Me and Jeff will visit this site at this time. Richard will handover corrective action plan on site. A STIP agreement has sent out to Ralph Starce. Faxed to Ralph as well as Richard at Impact. the deadline for receiving stipulation agreement is February 28, 2006. A copy of STIP is in file. 01/25/06-Hiralkumar Patel. Had site visit with Jeff Vought. me and jeff went into hospital building and found odor neither in building nor in elevator pit. talked with Ralph Starce, Gary Starce, Richard Parrish and Ron Gilbert at site. the tank on site is UST and vaulted in concrete box. there is one AST sitting in basement and its empty and not in service. we got corrective action plan from Richard Parrish. Mr. Parrish showed us one more monitoring well data which we don t have from hydrotech. (GP-5). Jeff asked Parrish to send those data with tank test results. Abstracts of CAP - 4000 gal gasoline steel reinforced plastic UST installed in 1971 - tank lined with fiberglass in 1998 - leak detection and overflow detection system installed in 1998 - 4 soil samples analysed in June 2005 - groundwater analysis done in August 2005. analysis detected the presence of low concentrations of dissolved gasoline-related contaminants (total BTEX+MTBE was 0.409 ppm). report had not been notified to NYSDEC in August 2005. (NYSDEC got notified in Jan. 2006) - five additional soil and three additional groundwater samples were analysed in Oct. 2005. results confirmed that the soil contamination was isolated to an area approximately five feet about the tank perimeter. - BTEX+MTBE concentration in additional three groundwater are: 0.0028 ppm, 0.0349 ppm and 2.16 ppm. HydroTech Environmental had not notified NYSDEC. - Jan. 2006, the site history was submitted to Impact Environmental for analysis. Impact reported contamination to NYSDEC. - tank will be decommissioned and removed from location. 01/26/06-Hiralkumar Patel. left message for Richard at Impact regarding missing data of GP-5 and tank test results. 01/31/06-Hiralkumar Patel. Received certified mail recipt. 02/14/06-Hiralkumar Patel. Received STIP signed by Ralph Starce. ABSTRACTS OF INVESTIGATION PLAN OF CORRECTIVE ACTION PLAN which was received on 01/25/2006. - additional investigation needed. - it is expected that the most efficient means of mitigating the concentration at the site will be through the use of a combined soil vapor extraction and air sparge systems. accordingly, the investigation is biased toward this expected remedial approach. this expectation is based upon best professional judgment and experience in performing a similar cleanup at off-site location that is within one mile of the site. - Soil Quality Investigation: * additional soil analysis will be performed on the soils that are to be excavated at the time of the tank removal. - Groundwater Quality Investigation: * three additional groundwater wells (both on-site and off-site)are proposed to be installed at locations that are hydraulically down grade of the UST. * data will be used to optimize the remedial design specifications * groundwater samples will be acquired from each monitoring well and will be

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 4 **DIST/DIR:** 0.09 NW **MAP ID:** 11

NAME: PARKING GARAGE
ADDRESS: 415 EAST 167TH STREET
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 0511670
ID2: 357875
STATUS: CLOSED
PHONE:

subjected to laboratory analysis via EPA test methond 8260 (STAR list of compounds) for target volatile organic analytes. - the investigation report that will include boring logs, well installation logs, site plan, sampling and analysis protocol, quality assurance and quality control protocol and evaluation of the test results will be submitted to NYSDEC. 02/16/06-Hiralkumar Patel. Spoke with Richard Parrish at Impact. I have asked him to send me missing monitoring well data and latest tank test results. he will email me that. Richard has not taken out soil samples after site visit. Received email from Richard. 02/17/06-Hiralkumar Patel. I received following four files in email from Richard: - Hydrotech Report made on July 6, 2005 - Hydrotech Report made on August 8, 2005 - Hydrotech Report made on October 19, 2005 - Tank Test results. **Abstracts of July report: - four soil samples (SP-1, SP-2, SP-3 and SP-4) had taken out for analysis. - result of GPR survey indicate that an oil/water seperator like structure is located in the northeast portion of building. - SP-1 at 12 -14 - SP-2 at 12 -14 - SP-3 at 4 -6 ----------SP-1---------SP-2----------SP-3 (Concentrations are in ppb) Toluene----------11,000 Ethylbenzene----------13,000 o-Xylene----------9,200-------13,000----------130,000 m+p-Xylene----------23,000-------51,000----------73,000 1,3,5 Trimethylbenzene--12,000-------13,000----------110,000 1,2,4 Trimethylbenzene--42,000-------44,000----------140,000 4-Isopropyltoluene------22,000-------16,000----------140,000 **Abstracts of August report: - one groundwater probe (GP-5) was installed to the south of UST. - Benzene : 87 ppb - m,p-Xylene : 39 ppb - MTBE : 210 ppb - Toluene : 41 ppb **Abstracts of October report we have earlier in this note. **Abstracts of Tank Test result file: - file includes tank test results done in Jan. 2003, which shows tank and related system was tight - file also includes letter from Fire Department asking for U. L. Fire Suppression system dated on Feb. 25, 2005. - file includes Affidavit of Corrsion Control Compliance issued by RAM Services LLC in Aug. 2004, indicating that Cathodic Protection System at the facility is operating satisfactory. 02/22/06-Hiralkumar Patel. Investigation Plan approval letter with copy of STIP agreement, signed by Randy Austin, has been sent to Ralph Starce. Faxed to Ralph and Richard at Impact. 04/26/06-Hiralkumar Patel. Spoke to Hal Benjamin at Impact. we haven t received any documents or investigation report since STIP signed on 2/22/06. as per Mr. Benjamin, they are waiting to get permit from Department of Building for tank removal activity. he will email me letter stating the current staus and their future plans. Received email from Mr. Benjamin. ---------- Mr. Patel, This email serves as an update of recent remedial activities for the above referenced site. Royal Environmental Services Corporation has been contracted to perform the UST removal. Royal has applied to the City of New York Building and Fire Departments for the permits necessary to perform the tank removal. It is expected that we will have the permits by the end of this week. Soil disposal samples have been collected and the analytical report has been forwarded to our disposal facility as per our Corrective Action Plan. Tank removal activities are tentatively scheduled to begin on Monday May 1, 2006. Once the tank has been removed, Impact can proceed with the remaining investigative activities. (e.g. well installation, groundwater sampling) An Investigation Report will be submitted to your department as expeditiously as possible. If you have any questions or concerns, please feel free to contact me at your earliest convenience. Sincerely, Hal Benjamin hbenjamin impactenvironmental.com _____ IMPACT ENVIRONMENTAL http://www.impactenvironmental.com Corporate Headquarters 170 Keyland Court, Bohemia, New York 11716 phone (631)269-8800 facsimile (631)269-1599 _____ ---------- 06/05/06-Hiralkumar Patel. Spoke with Mr. Benjamin. they have removed tank from location and took end point samples. he has lab results and will fax me that. they got permit for drilling on sidewalk and planning to go for drilling on Wed. Jun 7, 2006. he will send investigation report by end of this month. 06/06/06-Hiralkumar Patel. REceived email from Mr. Benjamin. ---------- Mr. Patel, As per our phone conversation this afternoon, attached please find the laboratory results of the end point samples collected during tank removal activities at the above referenced site. We have drilling and sampling activities scheduled to be conducted this week. Please feel free to contact me at your earliest convenience if you have any questions. Sincerely, Hal Benjamin hbenjamin impactenvironmental.com _____ IMPACT ENVIRONMENTAL http://www.impactenvironmental.com Corporate Headquarters 170 Keyland Court, Bohemia, New York 11716 phone (631)269-8800 facsimile (631)269-1599 ---------- email contains endpoint sample results from tank excavation pit.

	North	South	East	West	Center	limit	side	side	end	end
MTBE	3,234	1,200								
Benzene	3,111	60								
Isopropylbenzene	10,844	5,627	10,326	2,300						
n-Propylbenzene	33,084	20,995	33,738	3,700						
Ethylbenzene	79,958	52,881	84,207	5,500						
Naphthalene	23,946	23,062	13,000							
Toluene	133,488	126,175	2,314	228,571	1,500	1,2,4				
Trimethylbenzene	262,451	118,232	12,803	274,229	10,000	1,3,5				
Trimethylbenzene	68,141	48,421	70,905	3,300	Total					
Xylene	517,451	284,717	15,245	569,464	1,200					

(Concentrations are in ppb) 06/28/06-Hiralkumar Patel. received email from Mr. Benjamin. ---------- Hello Kumar, Attached is an electronic copy of the Investigation Report and Remedial Action Plan for the above referenced site. A hard copy is being sent overnight to your office. I will be in the field for the next couple of days, but can be reached on my cell phone if you have any questions. Cell 631-897-7189. Sincerely, Hal Benjamin hbenjamin impactenvironmental.com IMPACT ENVIRONMENTAL http://www.impactenvironmental.com Corporate Headquarters 170 Keyland Court, Bohemia, New York 11716 phone (631)269-8800 facsimile (631)269-1599 Cell: (631)897-7189 ----------

- More Details Exist For This Site; Max Page Limit Reached -

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 3 **DIST/DIR:** 0.09 NW **MAP ID:** 11

NAME: COMMERCIAL BUSINESS
ADDRESS: 415 EAST 167TH STREET
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 0511617
ID2: 357806
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 1/9/2006
CLOSED DATE: 1/23/2006

DATE REPORTED: 1/9/2006
INSP DATE:

MATERIAL SPILLED: UNKNOWN PETROLEUM
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: G
AMOUNT RECOVERED: 0 G

RESOURCE AFFECTED

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

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

CAUSE OF SPILL: OTHER
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: OTHER

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: JBVOUGHT
SPILL CONTACT: RON GILBERT
TELEPHONE:

SPILLER: COMMERCIAL BUSINESS
RON GILBERT
ADDRESS: 415 EAST 167TH STREET
BRONX, NY

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 1/24/2006
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

CALLER REMARKS: DURING SOIL BORINGS FOUND CONTAMINATION:

DEC REMARKS:
Investigation around a 4,000 gal UST inside a warehouse building. Found groundwater contamination: HydroTech Environmental was hired by a potential purchaser to do a Phase 2 for a property sale. Ron Gilbert - 718-292-1800 3362 Park Ave Bronx. 10451 Mr. Gilbert called back to say the current owner (who will get the CSL) is: Ralph Starce c/o Family Garage Corp. 415 East 167th St. Bronx, NY 10456 Mr. Gilbert is in contract

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS SITE

SEARCH ID: 3 **DIST/DIR:** 0.09 NW **MAP ID:** 11

NAME:	COMMERCIAL BUSINESS	**REV:**	6/16/08
ADDRESS:	415 EAST 167TH STREET	**ID1:**	0511617
	BRONX NY	**ID2:**	357806
	BRONX	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	

to purchase the property (sale approx Feb 1, 2006) and will probably handle the actual remediation of the site. Mr. Starce will be paying for the expenses. Impact Environmental will either be hired by Starce or Gilbert. Jan 20th, 2006 Sent CSL To Mr. Ron Gilbert 415 East 167th Street Bronx, NY 10456 1/23/06-Vought-Received call and spoke to Ron Gilbert (718-292-1800) who will possibly be property purchaser. This spill closed by Vought and referred to open spill number 0511670.

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 15 **DIST/DIR:** 0.11 NE **MAP ID:** 10

NAME: CLAREMONT HOUSES CONSOL. -NYCHA
ADDRESS: 1162 WASHINGTON AVE
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 9808079
ID2: 164863
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 10/1/1998
CLOSED DATE: 3/25/1999

DATE REPORTED: 10/1/1998
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: RESPONSIBLE PARTY
CALLER REMARKS: WILL PLAN TO ISOLATE AND RE-TEST.

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: SACCACIO
SPILL CONTACT: FRANK OCELLO
TELEPHONE: (212) 306-3229

SPILLER: NYC HOUSING AUTHORITY
SEBASTIAN LOREFICE
ADDRESS: 250 BROADWAY
NEW YORK, NY

TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 12/20/2005
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 14 **DIST/DIR:** 0.11 NE **MAP ID:** 10

NAME: CLAREMONT HOUSES CONSOL. -NYCHA
ADDRESS: 1162 WASHINGTON AVE
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 9500975
ID2: 302817
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 4/24/1995
CLOSED DATE: 8/17/2006

DATE REPORTED: 4/24/1995
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: -1 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: TANK TESTER
CALLER REMARKS: TANK 1 - GROSS FAILURE

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: SWKRASZE
SPILL CONTACT:
TELEPHONE:

SPILLER: NYC HOUSING AUTHORITY

ADDRESS: 250 BROADWAY
NEW YORK, NY 10007-

TELEPHONE:

REPORTED BY: TANK TESTER

LAST DEC UPDATE: 8/17/2006
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
12/20/05: This spill transferred from J.Kolleeny to S.Kraszewski. 08/03/06: Frank Inoa from NYCHA called. He said that repair work has been performed on a broken gauge, which apparently caused the TTF. He was wondering if he could close the spill since they just performed a tank-test on the whole system which passed. This site is part of Schedule C, and since the work was performed I needed to see documentation of the testing and confirmation that this spill was caused only by the broken gauge in 1995. NYCHA update summary states that a 4K UST installed in 1965 with 2 oil was TOS in 1999. NYCHA performed a tank tightness test on May 24, 2006 and all lines and the tank passed. NYCHA recommends closure of the spill. - SK 08/17/06: Received email from Frank, explaining that according to the chronological test history, only the mahole cover caused the leak due to lack of bolts securing the lid. Tank passed the test alone, without repairs. Ok to close out. - SK

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 11 **DIST/DIR:** 0.12 SW **MAP ID:** 3

NAME: 3362 PARK AVENUE
ADDRESS: 3362 PARK AVENUE
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 9700765
ID2: 240987
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 2/23/1993
CLOSED DATE: 8/7/2003

DATE REPORTED: 4/17/1997
INSP DATE:

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: RESPONSIBLE PARTY
CALLER REMARKS: CALLER STATED THAT HE HAS BEEN WORKING ON THIS SPILL SINCE 1993 ALONG WITH DEC. HE FURTHER STATED THAT THERE WAS NEVER A SPILL NUMBER OBTAINED. ATTN MARK TIBEY ?

REGION:
UST TRUST? YES

SPILL INVESTIGATOR: MCTIBBE
SPILL CONTACT: CALLER
TELEPHONE: (201) 785-0700

SPILLER: CONTINENTAL BAKING CO
STEVE KLOOS
ADDRESS: 3362 PARK AVENUE
BRONX, NY

TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 8/7/2003
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE Tanks and contaminated soil removed. Free product recovered. Bioremediation on dissolved and residual soil. Minor remaining dissolved that is decreasing and stable/shrinking.

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 16 **DIST/DIR:** 0.17 NW **MAP ID:** 18

NAME: CLOSED-LACKOF RECENT INFO
ADDRESS: 1165 CLAY AVE.
NEW YORK CITY NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 8707430
ID2: 235490
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 11/30/1987
CLOSED DATE: 3/4/2003

DATE REPORTED: 11/30/1987
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: -1 L
AMOUNT RECOVERED: 0 L

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: TANK TESTER
CALLER REMARKS: (2) 10K TANKS WERE TESTED, 1ST FAILED WITH LEAK RATE OF -.803G/HR. 2ND TANK HAD LEAK RATE OF -.713G/HR.CLOSE DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: ADMIN. CLOSED
SPILL CONTACT:
TELEPHONE:

SPILLER: DAUGHTERS OF JACOB NURSIN

ADDRESS: 1165 CLAY AVE.
BRONX, NY

TELEPHONE:

REPORTED BY: TANK TESTER

LAST DEC UPDATE: 3/4/2003
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED / / : Will Excavate, Isolate, And Retest. Contact: Arthur Powers (212) 293-1500. 03/04/2003-Closed Due To The Nature / Extent Of The Spill Report

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS 80's SITE

SEARCH ID: 8 **DIST/DIR:** 0.17 NW **MAP ID:** 18

NAME: 1165 CLAY AVE/DAUGHTERS O
ADDRESS: 1165 CLAY AVE.
NEW YORK CITY NY
BRONX
CONTACT:

REV: 10/18/00
ID1: 8707430
ID2:
STATUS: ACTIVE
PHONE:

SPILL DATE: 11/30/87
SPILL TIME: 17:00

DATE REPORTED: 11/30/87
TIME REPORTED: 18:38

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: -1
AMOUNT RECOVERED: 0

CAUSE OF SPILL: TANK TEST FAILURE
RESOURCE AFFECTED: GROUNDWATER
WATERBODY AFFECTED:
SOURCE OF SPILL: NON-COMMERCIAL/INSTITUTIONAL
REPORTED BY: TANK TESTER
CALLER REMARKS:
(2) 10K TANKS WERE TESTED, 1ST FAILED WITH LEAK RATE OF -.803G/HR. 2ND TANK HAD LEAK RATE OF -.713G/HR.

REGION: 2

UST TRUST? NO

SPILL INVESTIGATOR: BATTISTA
SPILL CONTACT:

TELEPHONE:

SPILLER: DAUGHTERS OF JACOB NURSIN
ADDRESS: 1165 CLAY AVE.
BRONX, NY
SPILLER CONTACT:

TELEPHONE: (212) 293-1500

CALLER:
AGENCY:
TELEPHONE:

NOTIFIER:
AGENCY:
TELEPHONE:

LAST DEC UPDATE: 11/24/92
DOES CLEAN UP MEET STANDARDS? NO

CLOSE DATE: / /
PENALTY RECOMMENDED? NO

DEC REMARKS:
/ / : WILL EXCAVATE, ISOLATE, AND RETEST. CONTACT: ARTHUR POWERS (212) 293-1500.

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 25 **DIST/DIR:** 0.18 NW **MAP ID:** 4

NAME: MOBIL S/S
ADDRESS: 1210 WEBSTER AVENUE
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 8810125
ID2: 249953
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 3/30/1989
CLOSED DATE: 1/8/1991

DATE REPORTED: 3/30/1989
INSP DATE:

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: RESPONSIBLE PARTY
CALLER REMARKS: DISCOVERED CONTAMINATED SOIL WHILE REMOVING TANK, THEY ARE PLANNING TOCONTINUE WITH TANK REPLACEMENT ANYWAY.

REGION:
UST TRUST? YES

SPILL INVESTIGATOR: SIGONA
SPILL CONTACT:
TELEPHONE:

SPILLER: EXXONMOBIL CORP
MIKE MEOLA
ADDRESS: 464 DOUGHTY BLVD
INWOOD, NY 11096

TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 11/20/2003
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

DEC REMARKS:

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 13 **DIST/DIR:** 0.18 NW **MAP ID:** 9

NAME: CLAREMONT HOUSES CONSOL. -NYCHA
ADDRESS: 1100 TELLER AVENUE
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 9805334
ID2: 104110
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 7/29/1998
CLOSED DATE:

DATE REPORTED: 7/29/1998
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: PRIVATE DWELLING
REPORTED BY: RESPONSIBLE PARTY
CALLER REMARKS: TANK TO BE ISOLATED AND RETESTED.

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: KSTANG
SPILL CONTACT:
TELEPHONE:

SPILLER: NYC HOUSING AUTHORITY
SEBASTIAN LOREFICE
ADDRESS: 250 BROADWAY
NEW YORK, NY 10007-

TELEPHONE:

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 4/4/2006
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
12/06/05: This spill transferred from J.Kolleeny to S.Kraszewski. 02/06/06: This spill transferred from S.Kraszewski to Q.Abidi. 04/04/06: This spill transferred from Q. Abidi to Koon Tang.

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

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 21 **DIST/DIR:** 0.18 NW **MAP ID:** 4

NAME: EXXONMOBIL S/S 17KME
ADDRESS: 1210 WEBSTER AVE
BRONX NY
BRONX
CONTACT:

REV: 8/13/07
ID1: 9804771
ID2: 186780
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 7/16/1998
CLOSED DATE: 12:00:00 AM

DATE REPORTED: 7/16/1998
INSP DATE: 12:00:00 AM

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: RESPONSIBLE PARTY
CALLER REMARKS: START CALLERREMARK - 9804771 CALLER REPORTING THAT DURING TANK REMOVAL, CONTAMINATED SOIL WAS ENCOUNTERED. END CALLERREMARK - 9804771

REGION: 2
UST TRUST? YES

SPILL INVESTIGATOR: DXSMITH
SPILL CONTACT:
TELEPHONE:

SPILLER: EXXONMOBIL CORP
JOANNE WALLACH
ADDRESS: 3225 GALLOWS ROAD
FAIRFAX, VA 22037-

TELEPHONE: (908) 474-2745

REPORTED BY: RESPONSIBLE PARTY

LAST DEC UPDATE: 6/29/2005
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
Start DECRemark - 9804771 Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL This spill case was reassigned from DEC (Sigona) to Rommel on 02/10/2004. This spill site has been consolidated under Spill No. 9804771. DEC O Dowd sent letter to Mobil, dated 8/16/99, requesting further investigation. Handex sent reports to DEC (O Dowd) on Sept. 21, 1999 responding to the issues raised. DEC Sigona performed a site meeting on 8/17/2000. Determined locations for additional wells. Review of PBS data located a 1,000 gallon used oil tank not closed. Handex sent proposal on 8/30/2000 with locations for 4 wells. DEC Sigona sent letter of acceptance for wells on 8/31/2000, and requested info on tank closure. Also see spill no. 8810125. On November 20, 2003, DEC Sigona provided ExoonMobil with the DEC s comments regarding the proposed Site Investigation Work Plan prepared by Geologic Services Corporation (GSC), dated September 29, 2003 and revised in response to our site visit on October 23, 2003. The DEC has reviewed the revised site diagram showing the locations of proposed soil boring locations to delineate the extent of petroleum contamination which was discharged at this site. ExxonMobil must submit the results of the borings proposed by GSC, in a Subsurface Investigation Report prepared in accordance with Section No. 3, paragraph 3.14 of the Division of Environmental Remediation s Draft DER-10 Technical Guidance for Site Investigation and Remediation, dated December 2002. The required Subsurface Investigation Report must be submitted to the DEC for review and approval by January 15, 2004 Bureau B, unassigned, due to low priority. Transferred from R-2 on April 27, 2005. Formerly R-2, unassigned. END DECRemark - 9804771

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Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 21 **DIST/DIR:** 0.18 NW **MAP ID:** 4

NAME:	EXXONMOBIL S/S 17KME	**REV:**	8/13/07
ADDRESS:	1210 WEBSTER AVE	**ID1:**	9804771
	BRONX NY	**ID2:**	186780
	BRONX	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

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

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 26 **DIST/DIR:** 0.19 NE **MAP ID:** 6

NAME: WEBSTER HOUSES -NYCHA
ADDRESS: 421 EAST 168TH STREET
BRONX NY
BRONX
CONTACT:

REV: 2/5/08
ID1: 9306461
ID2: 193604
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 8/26/1993
CLOSED DATE: 12:00:00 AM

DATE REPORTED: 8/26/1993
INSP DATE: 12:00:00 AM

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 L
AMOUNT RECOVERED: 0 L

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: OTHER
CALLER REMARKS: START CALLERREMARK - 9306461 DISCOVERED SOIL IN TANK PULL - ARE STOCK PILING. NOTIFIED BT TANK CONTRACTOR. DEC WAS NOT NOTIFIED OF TANK REMOVAL. END CALLERREMARK - 9306461

REGION: 2
UST TRUST? NO

SPILL INVESTIGATOR: MJKOMORO
SPILL CONTACT:
TELEPHONE:

SPILLER: NYC HOUSING AUTHORITY

ADDRESS:
, ZZ

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 9/8/2006
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
Start DECRemark - 9306461 01/17/06: This spill transferred from J.Kolleeny to S.Kraszewski. No site investigation performed during or prior to the tank pull. Needs a full site assessment investigation. - SK 09/08/06: NYCHA update summary states that one 20K UST is currently in service. Two 20K USTs have been removed: one in August 1993 and one in May of 1997. The tand removed in 1993 encountered soil contamination and the other tanks assessment was useless. NYCHA recommends a subsurface investigation be performed. - SK END DECRemark - 9306461

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

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 22 **DIST/DIR:** 0.19 NW **MAP ID:** 2

NAME: HESS STATION 32535
ADDRESS: 1201 WEBSTER AVENUE
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 9413203
ID2: 243652
STATUS: ACTIVE
PHONE:

SITE INFORMATION

SPILL DATE: 5/6/1994
CLOSED DATE:

DATE REPORTED: 5/6/1994
INSP DATE:

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: -1 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: GASOLINE STATION
REPORTED BY: LOCAL AGENCY
CALLER REMARKS: HAZMAT and INTER WASTE TO BE NOTIFIED- CON ED WAS WORKING IN MANHOLE AND HAD VAPOR IN MANHOLE. CON ED TESTING READING

REGION:
UST TRUST? YES

SPILL INVESTIGATOR: skcarlso
SPILL CONTACT:
TELEPHONE:

SPILLER: MERIT ?

ADDRESS:
, ZZ

TELEPHONE:

REPORTED BY: LOCAL AGENCY

LAST DEC UPDATE: 5/29/2008
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN 12/26/2003 Reassigned from Sangesland to Sun. Also refer to Spill 01-03054 and 01-03151 for this site. 03/01/05 File Update by Sun: On March 1, 2005, Sun sent a letter to Hess requiring complete delineation of soil and groundwater contamination, submittal of an Investigation Summary Report followed by a Remedial Action Plsan. The Department set a deadline of March 22, 2005 for signing the Stipulation Agreement.-WJS 04/08/05-File Update by Sun: The Stipulation Agreement was signed by Hess on 03/21/05 and implemented by the Department on 03/28/05. -WJS 06/06/05-File Update by Sun: On 06/03/05, Sun sent a letter to Hess Project Manager, Mike Matri, informing him that the Department has received the Investigation Plan Proposal submitted by Hess dated April 14, 2005 for this site. The Department has reviewed and approved the Investigation Plan Proposal. Pursuant to the Stipulation Agreement signed and dated April 29, 2004 the Department requires an Investigation Summary Report be submitted by September 3, 2005. 09/30/05-File Update by Sun: The Department staff conducted a site visit and witnessed the startup of a SVE/AS remedial system. At the time of visit, only SVE system was run. The consultant, David Vines of GSC will conduct several pilot tests to record the vacuum for each monitoring wells to determine the radius of influence. THe test report will be submitted to the Departrment for review.(Sun) 10/20/2005: Project reassigned from Sun to Andersen. 1/3/06: Reviewed quarterly report dated 12/9/05. SVE/AS started on 9/22/05 and appears to be working fine. Ten MW s sampled on 10/10/05. Max BTEX concentration 4,400 ppb (MW2) and 1,730 ppb (MW2). 1/13/06: Refer to spill 04-07112. 1/26/06: 1/25/06 meeting with Quantum, NYSDEC, and GSC/Kleinfelder: AS will be started

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Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 22 **DIST/DIR:** 0.19 NW **MAP ID:** 2

NAME:	HESS STATION 32535	**REV:**	6/16/08
ADDRESS:	1201 WEBSTER AVENUE	**ID1:**	9413203
	BRONX NY	**ID2:**	243652
	BRONX	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	

soon, awaiting results of FOIL on Mobil station across the street. 5/19/06: Sent Gail Russo an email to followup on overdue update report. 6/30/06: Meeting on 6/28/06 with Hess, Quantum, NYSDEC, EnviroTrac and GSC. MW s 7,8,9 were approved for removal from sampling. 7/12/06: Reviewed the first quarterly 2006 report. Wells sampled on 4/10/06. Large increase in MTBE in MW5. Max BTEX 88 (MW2), max MTBE 4,580 ppb (MW5). Hess requested the Department followup on a FOIL request for the Mobil station at 1210 Webster Avenue (Spill 98-04771). I email Quantum to find out if they have a FOIL request number. (S.Andersen) 7/25/06: Received FOIL request number from Hess. Spoke to DEC Leung regarding status of FOIL request. DEC Leung will look into it. 10/3/06: Received update report dated 9/27/06. SVE/AS in operation. Max BTEX 38 ppb (MW5), max MTBE 52 (MW5). Hess will request approval to shut down the system next quarter, if concentrations remain low. 12/5/06: Reviewed update report. Wells sampled on 9/26/06. Max BTEX 26ppb (MW5), max MTBE 212 ppb (MW5). Approved request for shutdown of SVE/AS system. System should remain in place in case of rebounding. Quarterly groundwater sampling and reporting will continue. 12/29/06: Reviewed FOIA review by Hess of Mobile Station located at 1210 Webster Avenue, dated December 20, 2006. Conclusions included: there is no apparent correlation between the Hess and Mobil station spills, there is no off-site migration from the Hess spill, off site delineation by Hess is not necessary. 1/17/07: Meeting on 1/16/07 with Hess, Delta, NYSDEC. 3/27/07: Reviewed update report. System shutdown 12/8/06. Wells sampled on 1/26/07. Max BTEX 6.8 ppb (MW5), max MTBE 32 ppb (MW5). Site will be sampled in April and then closure requested. 6/27/07: Reviewed site status report. Wells sampled on 4/10/07. Continuation of quarterly sampling required. Approved removal of MW7 and MW8 from sampling. 9/28/07: Reviewed site status report. Wells samples on 7/19/07. Max BTEX 135 (MW1), max MTBE 160 (MW4). Spoke to Ed Russo, a waste water 550 gallon UST will be abandoned. Received email from Ed Russo : as discussed, Hess will be abandoning in place a waste water tank on Tuesday October 2. A boring will be completed through the tank in order to collect soil samples from underneath the tank for analysis of VOCs via EPA Method 8260 (STARS List), SVOCs via EPA Method 8270 (STARS List) and chlorinated solvents. In addition to the tank abandonment, Hess will be replacing the spillbucket on the remote fills. If soil is encountered during this work, endpoint samples will be collected. A report summarizing site activities and sampling data will be forwarded to you once lab data is received. 2/11/08: Reviewed September 2007 - November 2007 Site Status Report. Groundwater sampled on 10/22/07. Max BTEX 651 ppb (MW1), max MTBE 100 (MW4). Site under quarterly sampling. 3/26/08 - Carlson: Reviewed December 2007 - February 2008 Site Status Report. Wells sampled on 1/3/08. Max BTEX concentration 135 ppb (MW6). Max MTBE concentration 83 ppb (MW5). MNA. 5/29/08 - Carlson: Received a Wasterwater UST Closure Report dated May 21, 2008. Only 1 composite sample was collected. Sent email to Michael Matri indicating that grab samples - not composite samples are required.

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 10 **DIST/DIR:** 0.19 NW **MAP ID:** 1

NAME: 1160 TELLER AVE/DAUGHTERS
ADDRESS: 1160 TELLER AVE.
NEW YORK CITY NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 8706970
ID2: 88427
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 11/11/1987
CLOSED DATE: 11/16/1987

DATE REPORTED: 11/11/1987
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: -1
AMOUNT RECOVERED: 0

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: LOCAL AGENCY
CALLER REMARKS: TANK RUPTURED IN BASEMENT.

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: UNASSIGNED
SPILL CONTACT:
TELEPHONE:

SPILLER: DAUGHTERS OF JACOB HOME

ADDRESS: 1160 TELLER AVE.
BRONX, NY

TELEPHONE:

REPORTED BY: LOCAL AGENCY

LAST DEC UPDATE: 10/14/1988
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

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

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

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 19 **DIST/DIR:** 0.19 NW **MAP ID:** 1

NAME: DAUGHTER OF JACOB HOME
ADDRESS: 1160 TELLER AV
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 0305923
ID2: 146473
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 9/4/2003
CLOSED DATE: 3/15/2006

DATE REPORTED: 9/4/2003
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: TANK TESTER
CALLER REMARKS: NO LEAK NOTED

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: JMZALEWS
SPILL CONTACT: MIKE
TELEPHONE: (718) 293-1500 588

SPILLER: DAUGHTER OF JACOB HOME
MIKE
ADDRESS: 1160 TELLER AV
BRONX, NY

TELEPHONE:

REPORTED BY: TANK TESTER

LAST DEC UPDATE: 3/15/2006
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND TTF letter sent to: Mike McKenna Director of Engineering Daughter of Jacob Home 1160 Teller Ave Bronx, NY 10456 11/26/2004 Sangesland received a letter from Petroleum Tank Cleaners stating that the spill number was issued in 2003 because of a leak in the vent line. Repairs were made to the vent line and the system was retested - tight. No contamination was found during the repairs 12/9/2004 Chris Tomasello (516-233-7944) was hired to do soil borings at the site. 2 soil samples will be tested for 8270 and 8020. 11/01/2005 - Changed DEC lead from Sangesland to Zalewski. (Zalewski) 2/24/2006 - Placed a phone call to Mike McKenna. He no longer works at the Daughter of Jacob Home. Spoke with Don Boyd (same phone number). Their records show that an isolation test showed that the tank passed and the lines failed. The lines were repaired and passed a retest. They also had a 2,000 tank fail a tightness test. That tank was decommissioned. I asked about a subsurface investigation for the leaking lines on the 10,000 gallon tank and he said that he remembers soil borings being performed but will have to contact Petroleum Tank Cleaners to get a copy of the data. He will call back. (Zalewski) 3/1/2006 - Received a fax from Don Boyd containing analytical data for three soil samples. Some slight exceedances of the SVOC direct contact numbers. (Zalewski) 3/2/2006 - Left a voice mail message for Don Boyd confirming receipt of analytical data and requesting tank testing and repair reports. (Zalewski) 3/6/2006 - Reviewed the faxed information. Left a voice mail message for Don Boyd requesting info. on the location of the three soil samples. (Zalewski) 3/13/2006 - Left a voice mail message for Don Boyd requesting a call back. (Zalewski) 3/13/2006 - Handled a phone call from Don Boyd. There were three USTs outside the facility next to each other near the loading dock. He will call the contractor to see if they have any documentation of where the

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 19 **DIST/DIR:** 0.19 NW **MAP ID:** 1

NAME:	DAUGHTER OF JACOB HOME	**REV:**	6/16/08
ADDRESS:	1160 TELLER AV	**ID1:**	0305923
	BRONX NY	**ID2:**	146473
	BRONX	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	

three soil samples were collected. (Zalewski) 3/15/2006 - Received site plan. Reviewed documentation submitted to date. On September 4, 2003 two 10,000 gallon USTs tightness tested. One passed and the other failed. On October 8, 2003, the failing UST was retested. The isolation test revealed that the tank was tight but the lines failed. The lines were repaired and retested tight on Novemeber 11, 2003. Sangesland received a letter from Petroleum Tank Cleaners stating that the leak was in the vent line. Repairs were made to the vent line, the system retested tight, and no contamination was found during the repairs. Later the 2,000 gallon UST failed a tightness test. On June 30, 2005 the 2,000 gallon UST was closed in place. In July 2005, three soil samples were collected along the 2,000 gallon UST. The results indicate slight exceedances of the direct contact numbers for some of the SVOCs. No further action. (Zalewski)

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

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 12 **DIST/DIR:** 0.21 SE **MAP ID:** 7

NAME: 505 WEIHER COURT.
ADDRESS: 505 WEIHER COURT.
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 9310856
ID2: 231324
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 12/7/1993
CLOSED DATE: 12/7/1993

DATE REPORTED: 12/7/1993
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: -15 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: PRIVATE DWELLING
REPORTED BY: OTHER
CALLER REMARKS: SPILL CONTAINED ON CONCRETE CELLAR FLOOR - SORBENT APPLIED and REPAIRING TANK.

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: KSTANG
SPILL CONTACT:
TELEPHONE:

SPILLER:

ADDRESS:
Update, ZZ

TELEPHONE:

REPORTED BY: OTHER

LAST DEC UPDATE: 9/30/2004
CLEAN UP MEET STANDARDS? YES
PENALTY RECOMMENDED? NO

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

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 24 **DIST/DIR:** 0.22 NW **MAP ID:** 14

NAME: HPD SITE
ADDRESS: 391 EAST 168TH ST
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 0109784
ID2: 255638
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 10/16/2001
CLOSED DATE: 2/5/2008

DATE REPORTED: 1/9/2002
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: COMMERCIAL/INDUSTRIAL
REPORTED BY: TANK TESTER
CALLER REMARKS: JUST FOUND OUT THAT TEST WAS NEVER CALLED IN - TANK IS A CASED TANK IN BASEMENT

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: JAKOLLEE
SPILL CONTACT: DAN PERKOWSKI
TELEPHONE: (631) 586-4900

SPILLER: HPD SITE

ADDRESS: 391 EAST 168TH ST
BRONX, NY

TELEPHONE:

REPORTED BY: TANK TESTER

LAST DEC UPDATE: 2/5/2008
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY 02/05/08: Reviewed 5/18/06 Request for Spill Closure by URS (in eDocs). Report notes that tank failed tightness test on Oct. 16, 2001, but passed a re-test on Nov. 14, 2001. Tank is in basement, encased in concrete. In absence of any information indicating there was release to environment, this spill case is closed. - J. Kolleeny

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 23 **DIST/DIR:** 0.22 NW **MAP ID:** 13

NAME: HOUSING DEVELOPMENT FUND
ADDRESS: 393 EAST 168TH STREET
BRONX NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 0109590
ID2: 186390
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 1/3/2002
CLOSED DATE: 8/8/2005

DATE REPORTED: 1/3/2002
INSP DATE:

MATERIAL SPILLED: 2 FUEL OIL
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: 0 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: TANK TESTER
CALLER REMARKS: TANK ENCASED IN THE BASEMENT.

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: MJHAGGER
SPILL CONTACT: TED MASSEI
TELEPHONE: (718) 361-9910

SPILLER: NEIGHBORHOOD PARTNERSHIP
PETER MAGISTRO
ADDRESS: 190 WEST BURNSIDE AVENUE
BRONX, NY 10453-

TELEPHONE:

REPORTED BY: TANK TESTER

LAST DEC UPDATE: 8/8/2005
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:
Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN ROSSAN - CALLED MICHAEL COLLINS, ON 1/3/02 AND LEFT MESSAGE. 8/8/05 - Haggerty - reviewed fax from Margaret Magestro, property owner and manager. The fax consisted of notarized summary of the clean-up and tank removal performed by a Metropolitan Heat and Power Company, Inc. (1) 3000gal tank was properly removed and all wastes were disposed of properly. The original spill report referred to the tank size as 1500gal, but I confirmed it was a clerical error. The property has only had (1) 3000gal tank. Spill closed.

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

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 18 **DIST/DIR:** 0.22 SE **MAP ID:** 17

NAME: CLOSED-LACKOF RECENT INFO
ADDRESS: 1122 FRANKLIN AVE
NEW YORK CITY NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 8802286
ID2: 176209
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 6/13/1988
CLOSED DATE: 3/14/2003

DATE REPORTED: 6/13/1988
INSP DATE:

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: -1 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: TANK TESTER
CALLER REMARKS: 15K TANK, L R =-0.824 GPH. PUMPED OIL BELOW PIPING SO THERE IS NO LEAKING.
CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

REGION:
UST TRUST? YES

SPILL INVESTIGATOR: ADMIN. CLOSED
SPILL CONTACT:
TELEPHONE:

SPILLER: NYS ARMORY

ADDRESS:
(ZANDUYMCK), ZZ

TELEPHONE:

REPORTED BY: TANK TESTER

LAST DEC UPDATE: 3/18/2003
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:

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

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 17 **DIST/DIR:** 0.22 SE **MAP ID:** 17

NAME: CLOSED-LACKOF RECENT INFO
ADDRESS: 1122 FRANKLIN AVE
NEW YORK CITY NY
BRONX
CONTACT:

REV: 6/16/08
ID1: 8803669
ID2: 235696
STATUS: CLOSED
PHONE:

SITE INFORMATION

SPILL DATE: 7/26/1988
CLOSED DATE: 3/14/2003

DATE REPORTED: 7/27/1988
INSP DATE:

MATERIAL SPILLED: UNKNOWN PETROLEUM
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: -1 L
AMOUNT RECOVERED: 0 L

CAUSE OF SPILL: TANK TEST FAILURE
WATERBODY AFFECTED:
SOURCE OF SPILL: INSTITUTIONAL, EDUCATIONAL, GOV., OTHER
REPORTED BY: TANK TESTER
CALLER REMARKS: LEAK RATE +.12035GPH, UNKNOWN TANK CAPACITY, STATE JOB 2001. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.03/14/2003.

REGION:
UST TRUST? NO

SPILL INVESTIGATOR: ADMIN. CLOSED
SPILL CONTACT:
TELEPHONE:

SPILLER: NYS ARMORY

ADDRESS: 1122 FRANKLIN AVE
BRONX, NY

TELEPHONE:

REPORTED BY: TANK TESTER

LAST DEC UPDATE: 3/19/2003
CLEAN UP MEET STANDARDS? NO
PENALTY RECOMMENDED? NO

DEC REMARKS:

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

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS 80's SITE

SEARCH ID: 9 **DIST/DIR:** 0.22 SE **MAP ID:** 17

NAME: N Y S ARMORY
ADDRESS: 1122 FRANKLIN AV
N Y C NY
BRONX
CONTACT:

REV: 10/18/00
ID1: 8802286
ID2:
STATUS: ACTIVE
PHONE:

SPILL DATE: 06/13/88
SPILL TIME: 17:20

DATE REPORTED: 06/13/88
TIME REPORTED: 18:20

MATERIAL SPILLED: GASOLINE
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: -1 G
AMOUNT RECOVERED: 0 G

CAUSE OF SPILL: TANK TEST FAILURE
RESOURCE AFFECTED: GROUNDWATER
WATERBODY AFFECTED:
SOURCE OF SPILL: NON-COMMERCIAL/INSTITUTIONAL
REPORTED BY: TANK TESTER
CALLER REMARKS:
15K TANK, L R =-0.824 GPH. PUMPED OIL BELOW PIPING SO THERE IS NO LEAKING.

REGION: 2

UST TRUST? YES

SPILL INVESTIGATOR: BATTISTA
SPILL CONTACT:

TELEPHONE:

SPILLER:
ADDRESS:
(ZANDUYMCK),
SPILLER CONTACT:

TELEPHONE: (212) 542-1122

CALLER: J HAMMOND
AGENCY: TCA ENGNR
TELEPHONE: (201) 427-8540

NOTIFIER:
AGENCY:
TELEPHONE:

LAST DEC UPDATE: 11/27/92
DOES CLEAN UP MEET STANDARDS? NO
DEC REMARKS:
/ / : RETEST.

CLOSE DATE: / /
PENALTY RECOMMENDED? NO

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

STATE SPILLS 80's SITE

SEARCH ID: 7 **DIST/DIR:** 0.22 SE **MAP ID:** 17

NAME: 1122 FRANKLIN AV/NYS ARMO
ADDRESS: 1122 FRANKLIN AVE
NEW YORK CITY NY
BRONX
CONTACT:

REV: 10/18/00
ID1: 8803669
ID2:
STATUS: ACTIVE
PHONE:

SPILL DATE: 07/26/88
SPILL TIME: 13:00

DATE REPORTED: 07/27/88
TIME REPORTED: 17:10

MATERIAL SPILLED: UNKNOWN PETROLEUM
MATERIAL CLASS: PETROLEUM

AMOUNT SPILLED: -1
AMOUNT RECOVERED: 0

CAUSE OF SPILL: TANK TEST FAILURE
RESOURCE AFFECTED: GROUNDWATER
WATERBODY AFFECTED:
SOURCE OF SPILL: NON-COMMERCIAL/INSTITUTIONAL
REPORTED BY: TANK TESTER
CALLER REMARKS:
LEAK RATE +.12035GPH, UNKNOWN TANK CAPACITY, STATE JOB 2001.

REGION: 2

UST TRUST? NO

SPILL INVESTIGATOR: BATTISTA
SPILL CONTACT:

TELEPHONE:

SPILLER: NYS ARMORY
ADDRESS: 1122 FRANKLIN AVE
BRONX, NY
SPILLER CONTACT:

TELEPHONE: (212) 542-1122

CALLER: CURT PLASSCHE
AGENCY: AMERICAN ENVIRONMENTAL
TELEPHONE: (716) 458-6060

NOTIFIER:
AGENCY:
TELEPHONE:

LAST DEC UPDATE: 11/27/92
DOES CLEAN UP MEET STANDARDS? NO
DEC REMARKS:

CLOSE DATE: / /
PENALTY RECOMMENDED? NO

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

BROWNFIELD

SEARCH ID: 35 **DIST/DIR:** 0.29 SW **MAP ID:** 27

NAME:	PLAZA 163 LLC	**REV:**	5/14/08
ADDRESS:	163-164TH / WASHINGTON AVE.	**ID1:**	C203023
	BRONX NY 10457	**ID2:**	57993.00
	Bronx	**STATUS:**	BCP
CONTACT:		**PHONE:**	

SITE INFORMATION

BCP = BROWNFIELD CLEANUP PROGRAM
ERP = ENVIRONMENTAL RESTORATION PROGRAM

SIZE (ACRES): 2.250 **REGION:** 2

CLASS CODE:

DESCRIPTION:
The approximately 2 1/4 acre parcel is located in a mostly industrial and commercial area in the south Bronx, New York City. The site is currently mostly vacant property with scattered scrap metal debris, old tires, former automotive repair shops and junk yards. Pressly and Associates conducted a Phase I Environmental Site Assessment in February 2001 and a Phase II Environmental Assessment in September 2002 on behalf of the Volunteer. The Remedial Investigation Report,approved on May 1, 2006, identified soil and soil vapor contamination on site. The Remedial Action Work Plan was approved in September 2007. Applicant tentatively plans to begin construction in the Spring of 2008.

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
The Phase I Environmental Site Assessment identified environmental concerns due to disposal or spills of waste oil, solvents, and other chemicals from the junk yards and automotive repair shops. The Phase II Enviromental Assessment results showed semi-volatile organic compounds (SVOCs) and metals, most notably lead, in the soils. Groundwater results showed low levels of volatile organic compounds(VOCs), primarily tetrachloroethene, however the groundwater results are not unlike background groundwater quality results in the area. The watertable is reportedly at about 15 feet below grade. A Remedial Investigation Report, approved on May 1, 2006, identifed elevated levels of PCE and 2,2,4 Trimethylpentane in the soil vapor, and SVOCs and metals in the shallow soils. The site does not pose a significant environmental threat.

ASSESSMENT OF HEALTH PROBLEMS:
The area is served by municipal water, therefore exposures to contaminated groundwater are not expected. The surface soils on the vacant lot are contaminated with petroleum hydrocarbons and heavy metals that trespassers (especially homeless people living on the site) could come into contact with. To eliminate this exposure pathway, the surface soil will be removed and/or capped during remedial construction. Soil vapor is also contaminated with chlorinated solvents, but soil removal and sub-slab depressurization systems in future buildings should prevent exposures during future site use.

SITE TYPE:

OPEN DUMP:	0	**STRUCTURE:**	0
LAGOON:	0	**LANDFILL:**	0
POND:	0		

SITE OWNER/OPERATOR INFORMATION

NYC ECONOMIC DEVELOPMENT CORP.
YASMEEN PATTIE
110 WILLIAM ST.
NEW YORK NY 10038
UNITED STATES OF AMERICA

SITE OWNER/OPERATOR INFORMATION

WASHINGTON PLAZA IIC
CHRIS PROCIDA
456 E. 173RD STREET
BRONX NY 10457
UNITED STATES OF AMERICA

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

BROWNFIELD

SEARCH ID: 35 **DIST/DIR:** 0.29 SW **MAP ID:** 27

NAME: PLAZA 163 LLC
ADDRESS: 163-164TH / WASHINGTON AVE.
BRONX NY 10457
Bronx
CONTACT:

REV: 5/14/08
ID1: C203023
ID2: 57993.00
STATUS: BCP
PHONE:

WASTE MATERIALS

WASTE NAME	WASTE QUANTITY
LEAD	UNKNOWN
BENZ(A)ANTHRACENE	UNKNOWN
ZINC	UNKNOWN
BENZO[K]FLUORANTHENE	UNKNOWN
BENZO(B)FLUORANTHENE	UNKNOWN
COPPER	UNKNOWN
BENZO(A)PYRENE	UNKNOWN

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

BROWNFIELD

SEARCH ID: 31 **DIST/DIR:** 0.37 SW **MAP ID:** 23

NAME:	910 MELROSE AVENUE (MELROSE COMMONS)	**REV:**	7/1/07
ADDRESS:	910 MELROSE AVENUE	**ID1:**	B00091
	NEW YORK CITY NY 10451	**ID2:**	
	BRONX	**STATUS:**	ERP
CONTACT:		**PHONE:**	

SITE INFORMATION

REGION: 2
TYPE OF PROGRAM: ENVIRONMENTAL RESTORATION PROGRAM
SITE DESCRIPTION:
HAZARDOUS WASTE DISPOSAL: **QUANTITY:**

ENVIRONMENTAL PROBLEM:
HEALTH PROBLEM:

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

BROWNFIELD

SEARCH ID: 32 **DIST/DIR:** 0.37 SW **MAP ID:** 24

NAME: 921 MELROSE AVENUE (MELROSE COMMONS)
ADDRESS: 921 MELROSE AVENUE
NEW YORK CITY NY 10451
BRONX
CONTACT:

REV: 7/1/07
ID1: B00090
ID2:
STATUS: ERP
PHONE:

SITE INFORMATION
REGION: 2
TYPE OF PROGRAM: ENVIRONMENTAL RESTORATION PROGRAM
SITE DESCRIPTION:
HAZARDOUS WASTE DISPOSAL: **QUANTITY:**

ENVIRONMENTAL PROBLEM:
HEALTH PROBLEM:

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

BROWNFIELD

SEARCH ID: 27 **DIST/DIR:** 0.38 SE **MAP ID:** 19

NAME: 3219 THIRD AVENUE (MELROSE COMMONS)
ADDRESS: 3219 THIRD AVENUE
NEW YORK CITY NY 10451
BRONX
CONTACT:

REV: 7/1/07
ID1: B00100
ID2:
STATUS: ERP
PHONE:

SITE INFORMATION
REGION: 2
TYPE OF PROGRAM: ENVIRONMENTAL RESTORATION PROGRAM
SITE DESCRIPTION:
HAZARDOUS WASTE DISPOSAL: **QUANTITY:**

ENVIRONMENTAL PROBLEM:
HEALTH PROBLEM:

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

BROWNFIELD

SEARCH ID: 29 **DIST/DIR:** 0.40 SW **MAP ID:** 21

NAME: 502 EAST 162ND STREET (MELROSE COMMONS)
ADDRESS: 502 EAST 162ND STREET
NEW YORK CITY NY 10451
BRONX
CONTACT:

REV: 7/1/07
ID1: B00099
ID2:
STATUS: ERP
PHONE:

SITE INFORMATION
REGION: 2
TYPE OF PROGRAM: ENVIRONMENTAL RESTORATION PROGRAM
SITE DESCRIPTION:
HAZARDOUS WASTE DISPOSAL: **QUANTITY:**

ENVIRONMENTAL PROBLEM:
HEALTH PROBLEM:

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

BROWNFIELD

SEARCH ID: 30 **DIST/DIR:** 0.44 SW **MAP ID:** 22

NAME: 875 ELTON AVENUE (MELROSE COMMONS)
ADDRESS: 875 ELTON AVENUE
NEW YORK CITY NY 10451
BRONX
CONTACT:

REV: 7/1/07
ID1: B00097
ID2:
STATUS: ERP
PHONE:

SITE INFORMATION
REGION: 2
TYPE OF PROGRAM: ENVIRONMENTAL RESTORATION PROGRAM
SITE DESCRIPTION:
HAZARDOUS WASTE DISPOSAL: **QUANTITY:**

ENVIRONMENTAL PROBLEM:
HEALTH PROBLEM:

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

BROWNFIELD

SEARCH ID: 34 **DIST/DIR:** 0.44 SW **MAP ID:** 26

NAME: COURTLANDT CORNERS II
ADDRESS: 884 COURTLANDT AVENUE
BRONX NY 10451
Bronx
CONTACT:

REV: 5/14/08
ID1: C203041
ID2: 381164.00
STATUS: BCP
PHONE:

SITE INFORMATION

BCP = BROWNFIELD CLEANUP PROGRAM
ERP = ENVIRONMENTAL RESTORATION PROGRAM

SIZE (ACRES): 1.220 **REGION:** 2

CLASS CODE:

DESCRIPTION:
This is a new BCP application and pertains to the Courtlandt Corners II property located at 884 Courtlandt Avenue, New York City in Bronx County. This site is approximately 1.22 acres in size. Current use of the property is for commercial and industrial uses. Future use of the property is for commercial and residential uses. Suspected contaminants at this site are petroleum, VOCs, SVOCs, metals, pesticides, and PCBs. They are impacting the soils and groundwater. Soil gas is also a concern. Known contaminants at this site are petroleum, VOCs, SVOCs, metals, pesticides, and PCBs. They are impacting the soils and groundwater. This BCP application is currently under review and the Department of Environmental Conservation will determine the application s approval and eligibility.

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Information submitted with the BCP application regarding the environmental conditions at the site are currently under review and will be revised as additional information becomes available.

ASSESSMENT OF HEALTH PROBLEMS:
Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

SITE OWNER/OPERATOR INFORMATION

COURTLANDT CORNER LLC
ADAM WEINSTEIN
902 BROADWAY 13TH FLOOR
NEW YORK NY 10010
UNITED STATES OF AMERICA

SITE OWNER/OPERATOR INFORMATION

NYC DEPT. OF HOUSING PRESERVATION and DEV.
JOHN GEARRITY
100 GOLD STREET 5TH FLOOR
NEW YORK NY 10038
UNITED STATES OF AMERICA

WASTE MATERIALS

WASTE NAME	WASTE QUANTITY

Environmental FirstSearch
Site Detail Report

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

BROWNFIELD

SEARCH ID: 28 **DIST/DIR:** 0.47 SW **MAP ID:** 20

NAME:	406 EAST 160TH STREET (MELROSE COMMONS)	**REV:**	7/1/07
ADDRESS:	406 EAST 160TH STREET	**ID1:**	B00093
	NEW YORK CITY NY 10451	**ID2:**	
	BRONX	**STATUS:**	ERP
CONTACT:		**PHONE:**	

SITE INFORMATION

REGION: 2
TYPE OF PROGRAM: ENVIRONMENTAL RESTORATION PROGRAM
SITE DESCRIPTION:
HAZARDOUS WASTE DISPOSAL: **QUANTITY:**

ENVIRONMENTAL PROBLEM:
HEALTH PROBLEM:

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

BROWNFIELD

SEARCH ID: 33 **DIST/DIR:** 0.48 SW **MAP ID:** 25

NAME: COURTLANDT CORNERS I
ADDRESS: 868 COURTLANDT AVENUE
BRONX NY 10451
Bronx
CONTACT:

REV: 5/14/08
ID1: C203040
ID2: 381163.00
STATUS: BCP
PHONE:

SITE INFORMATION

BCP = BROWNFIELD CLEANUP PROGRAM
ERP = ENVIRONMENTAL RESTORATION PROGRAM

SIZE (ACRES): .440 **REGION:** 2

CLASS CODE:

DESCRIPTION:
This is a new BCP application and pertains to the Courtlandt Corners I property located at 868 Courtlandt Avenue, New York City in Bronx County. This site is approximately .44 acres in size. Current use of the property is for commercial and industrial uses. Future use of the property is for commercial and residential uses. Suspected contaminants at this site are petroleum, VOCs, SVOCs, metals, pesticides, and PCBs. They are impacting the soils and groundwater. Soil gas is also a concern. Known contaminants at this site are petroleum, VOCs, SVOCs, metals, pesticides, and PCBs. They are impacting the soils and groundwater. This BCP application is currently under review and the Department of Environmental Conservation will determine the application s approval and eligibility.

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Information submitted with the BCP application regarding the environmental conditions at the site are currently under review and will be revised as additional information becomes available.

ASSESSMENT OF HEALTH PROBLEMS:
Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

SITE OWNER/OPERATOR INFORMATION

COURTLANDT CORNER LLC
ADAM WEINSTEIN
902 BROADWAY 13TH FLOOR
NEW YORK NY 10010
UNITED STATES OF AMERICA

SITE OWNER/OPERATOR INFORMATION

NYC DEPARTMENT OF HOUSING PRESERVATION and DEV.
JOHN GEARRITY
100 GOLD STREET 5TH FLOOR
NEW YORK NY 10038
UNITED STATES OF AMERICA

WASTE MATERIALS

WASTE NAME **WASTE QUANTITY**

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

Target Property: 6 GOUVERNEUR PL
BRONX NY 10456

JOB: WB08037.20

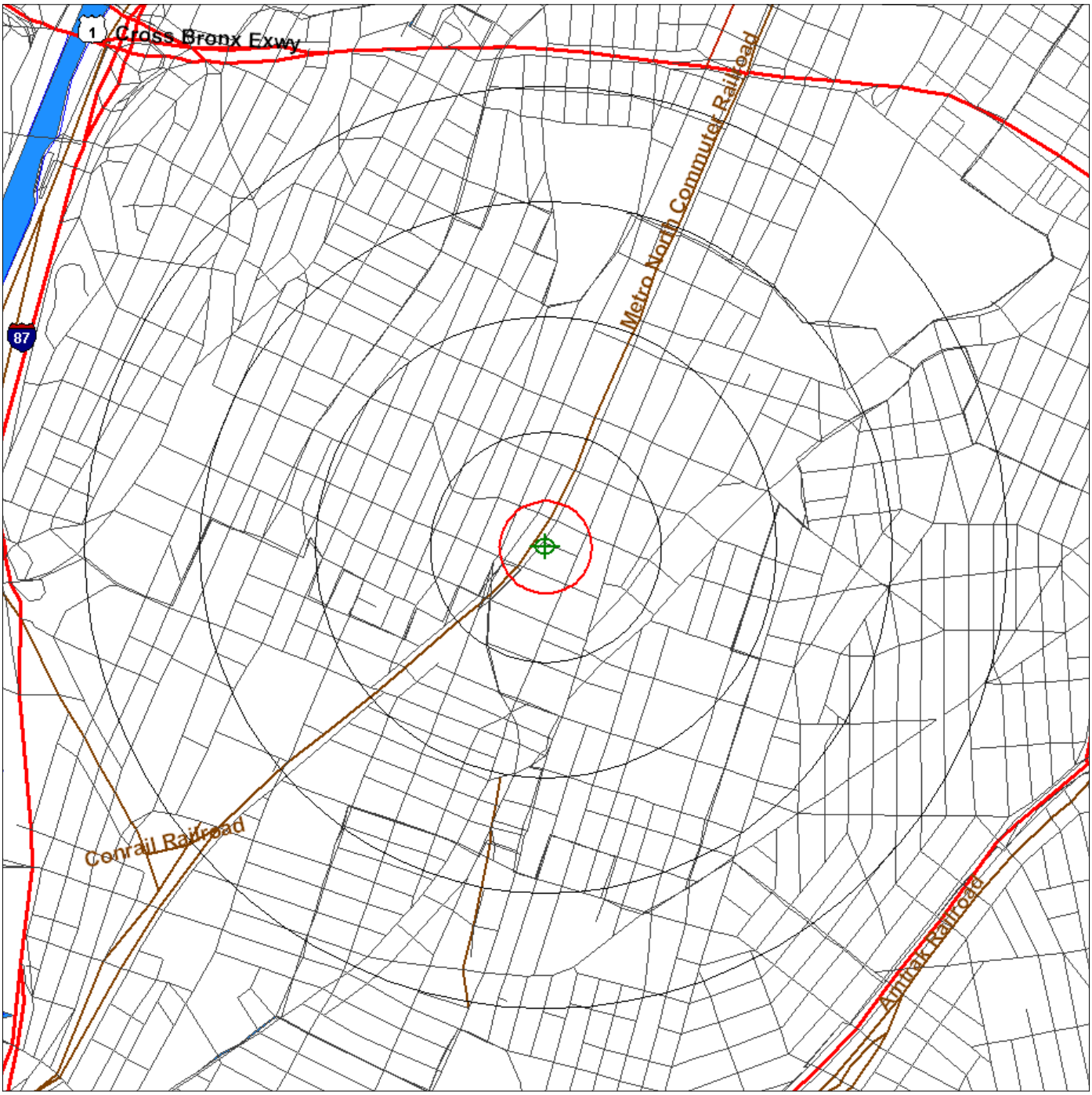
Street Name	Dist/Dir	Street Name	Dist/Dir
3rd Ave	0.14 SE		
Brook Ave	0.05 NW		
Clay Ave	0.14 NW		
E 164th St	0.24 SW		
E 165th St	0.15 SW		
E 166th St	0.06 SW		
E 167th St	0.06 NE		
E 168th St	0.18 NE		
Findlay Ave	0.23 NW		
Franklin Ave	0.20 SE		
Fulton Ave	0.19 SE		
Gouverneur Pl	0.01 NE		
Melrose Ave	0.17 SW		
Park Ave	0.01 NW		
Teller Ave	0.18 NW		
Washington Ave	0.07 SE		
Webster Ave	0.09 NW		
Weiher Ct	0.20 SW		

Environmental FirstSearch

1 Mile Radius

ASTM Map: NPL, RCRACOR, STATE Sites

6 GOUVERNEUR PL, BRONX NY 10456



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.829427 Longitude: -73.909437) .....

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

6 GOUVERNEUR PL, BRONX NY 10456

Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.829427 Longitude: -73.909437) .....

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

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

Triballand.....

Railroads .....

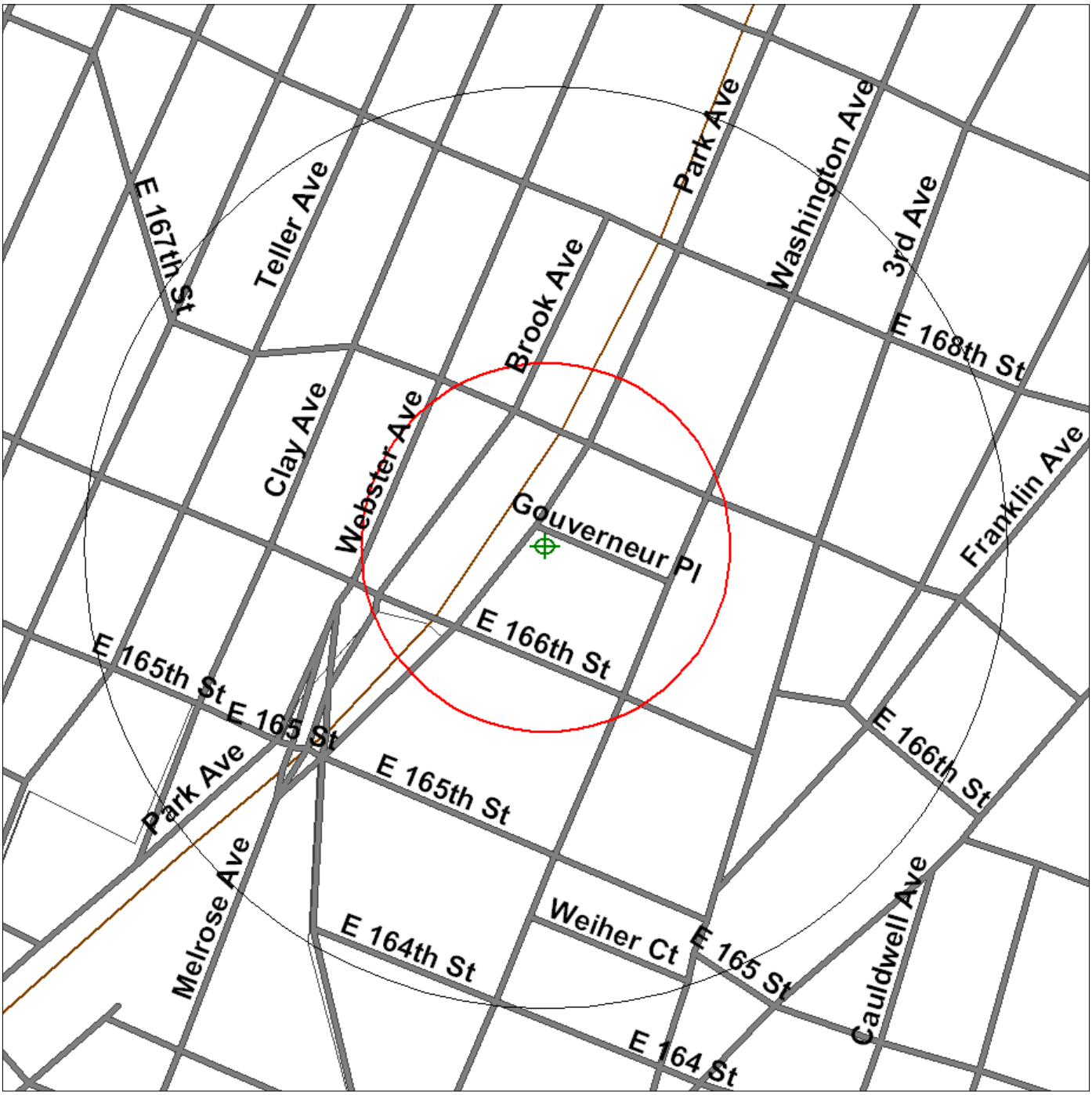
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.25 Mile Radius

ASTM Map: RCRAGEN, ERNS, UST

6 GOUVERNEUR PL, BRONX NY 10456



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.829427 Longitude: -73.909437) .....

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

Non-ASTM Map: Multiple Databases

6 GOUVERNEUR PL, BRONX NY 10456

Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 40.829427 Longitude: -73.909437) .....

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 E

Fieldwork Observations Table

Table 4, Appendix E: Fieldwork Observations

Boring ID	Location	Depth of Boring	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
B-1	Southwestern portion of property	(0-5')	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions	No	0.0 ppm	No evidence of contamination
		(5-10")	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions to 8' and medium yellowish-brown sands below	No	0.0 ppm	No evidence of contamination
		(10-15')	Moist, medium yellowish-brown sandy clay, with rock inclusions	No	0.0 ppm	No evidence of contamination
B-2	Northeastern portion of property	(0-5')	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions	No	0.0 ppm	No evidence of contamination
		(5-10")	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions to 8' and medium yellowish-brown sands below	No	0.0 ppm	No evidence of contamination
		(10-15')	Wet, medium yellowish-brown sandy clay, with rock inclusions	Yes (14')	0.0 ppm	No evidence of contamination
B-3	North-central portion of property, east of B-2	(0-5')	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions	No	0.0 ppm	No evidence of contamination
		(5-10")	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions to 8' and medium brown sands below	No	0.0 ppm	No evidence of contamination
		(10-15')	Wet, medium yellowish-brown sandy clay, with rock inclusions	Yes (14')	0.0 ppm	No evidence of contamination
B-4	Northeastern portion of property	(0-5')	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions	No	0.0 ppm	No evidence of contamination
		(5-10")	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions to 8' and medium yellowish-brown sands below	No	1.3 ppm	No evidence of contamination
		(10-15')	Moist, medium yellowish-brown sandy clay, with rock inclusions	No	0.0 ppm	No evidence of contamination

Boring ID	Location	Depth of Boring	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
B-5	North-central portion of property, west of B-4	(0-5')	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions	No	0.0 ppm	No evidence of contamination
		(5-10")	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions to 8' and medium yellowish-brown sands below	No	0.0 ppm	No evidence of contamination
		(10-15')	Moist, medium yellowish-brown sandy clay, with rock inclusions	No	0.0 ppm	No evidence of contamination
B-6	South-central portion of property, east of B-1	(0-5')	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions	No	0.0 ppm	No evidence of contamination
		(5-10")	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions to 8' and medium yellowish-brown sands below	No	0.0 ppm	No evidence of contamination
		(10-15')	Very moist, medium yellowish-brown sandy clay, with rock inclusions	Yes (14')	0.0 ppm	No evidence of contamination
B-7	South-central portion of property, east of B-6	(0-5')	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions	No	0.0 ppm	No evidence of contamination
		(5-10")	Very moist, medium yellowish-brown sandy clay, with brick and rock inclusions. Refusal at 8'	Yes (8')	0.0 ppm	No evidence of contamination
B-8	Southeastern portion of property	(0-5')	Slightly moist, medium grayish- brown sandy fill, with brick, asphalt, and rock inclusions	No	0.0 ppm	No evidence of contamination
		(5-10")	Very moist, medium yellowish-brown sandy clay, with brick and rock inclusions. Refusal at 8'	Yes (8')	0.0 ppm	No evidence of contamination

APPENDIX F

Data Summary Tables

Table 5: VOCs in Soils

Results provided in µg/kg (parts per billion). Results shown in **bold** exceed guidance levels.

Compound (USEPA Method 8260)	Guidance Level	Sample Identification									
		B-1 (14-15')	B-2 (13-15')	B-3 (14-15')	B-4 (14-15')	B-4 (5-6')	B-5 (14-15')	B-6 (14-15')	B-7 (7-8')	B-8 (7-8')	B-8 (7-8')
1,1,1,2-Tetrachloroethane	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	800	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-Trichloroethane	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	400	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	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	3,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	10,000	ND	ND	ND	2	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	7,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethylene (cis)	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethylene (trans)	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethylene (total)	**	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	3,300	ND	ND	ND	4	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	8,500	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	60	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	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	**	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
Ethylbenzene	5,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	2,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	13,000	ND	ND	ND	ND	ND	ND	ND	6	ND	ND
n-Butylbenzene	10,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-&m-Xylenes	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
total Xylenes	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	10,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	10,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	10,000	ND	ND	ND	4	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	1,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1,500	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	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

Guidance levels based on NYSDEC TAGM 4046.

** cleanup objective not established (total individual and sum of VOCs not listed must be less than or equal to 10,000 ppb).

ND = Not Detected

Table 6: PAHs in Soils

Results provided in μg/kg (parts per billion). Results shown in **bold** exceed guidance levels.

Compound (USEPA Method 8270)	Guidance Level	Sample Identification	
		B-2 (13-15')	B-4 (5-6')
2-Methylnaphthalene	36,400	ND	ND
Acenaphthene	50,000	ND	ND
Acenaphthylene	41,000	ND	ND
Anthracene	50,000	ND	ND
Benzo(a)anthracene	224*	ND	**500**
Benzo(a)pyrene	61*	ND	**420**
Benzo(b)fluoranthene	1,100	ND	440
Benzo(ghi)perylene	50,000	ND	ND
Benzo(k)fluoranthene	1,100	ND	500
Chrysene	400	ND	**640**
Dibenzo(a h)anthracene	14*	ND	ND
Fluoranthene	50,000	ND	1,200
Fluorene	50,000	130	ND
Indeno(1 2 3-cd)pyrene	3,200	ND	ND
Naphthalene	13,000	ND	ND
Phenanthrene	50,000	ND	900
Pyrene	50,000	ND	1,000

Notes:

Guidance levels based on NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives (RSCOs)

* = Guidance level equals RSCO **OR** minimum detection limit

ND = Not Detected

Table 7: RCRA Metals in Soils

Results provided in mg/kg (parts per million). Results shown in **bold** exceed guidance levels.

RCRA Metal	Guidance Level	Eastern USA Background	Sample Identification			
			B-1 (14-15')	B-2 (2-3')	B-4 (5-6')	B-8 (7-8')
Arsenic	**7.5 or SB**	**3 – 12**	1.72	1.69	3.64	3.73
Barium	**300 or SB**	**15 – 600**	54.9	78.7	**363**	83.1
Cadmium	**1 or SB**	**0.1 – 1**	ND	ND	ND	ND
Chromium	**10 or SB**	**1.5 – 4.0**	**12.2**	9.63	**18.2**	**16.6**
Lead	**SB**	**4 – 500****	2.49	55.3	96.2	78.8
Selenium	**2 or SB**	**0.1 – 3.9**	ND	ND	ND	ND
Silver	**SB**	**NP**	ND	ND	ND	ND
Mercury	**0.1**	**0.001 – 0.2**	ND	ND	ND	ND

Notes:

Guidance levels and background levels based on NYSDEC TAGM 4046.

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

ND = Not Detected NP = Not Provided SB = Site Background

Table 8: PCBs in Soils

Results provided in mg/kg (parts per million). Results shown in **bold** exceed guidance levels.

PCB Compound (USEPA Method 8082)	Sample Identification
	B-2 (2-3')
PCB 1016	ND
PCB 1221	ND
PCB 1232	ND
PCB 1242	ND
PCB 1248	ND
PCB 1254	ND
PCB 1260	ND
PCB, Total	ND

Notes:

Guidance levels 1 ppm (surface soil) and 10 ppm (subsurface soil) based on NYSDEC TAGM 4046.

ND = Not Detected

APPENDIX G

Laboratory Report

YORK

ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Brian Brannick

Report Date: 9/24/2008
Re: Client Project ID: WB08037.20
York Project No.: 08090625

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

Report Date: 9/24/2008
Client Project ID: WB08037.20
York Project No.: 08090625

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Brian Brannick

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 09/16/08. The project was identified as your project "WB08037.20".

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 NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			B-1 (14-15')		
York Sample ID			08090625-01		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2,4-Trimethylbenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10

YORK

Client Sample ID			B-1 (14-15')		
York Sample ID			08090625-01		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3,5-Trimethylbenzene			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Benzene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Ethylbenzene			Not detected		10
Hexachlorobutadiene			Not detected		10
Isopropylbenzene			Not detected		10
Methylene chloride			Not detected		10
MTBE			Not detected		10
Naphthalene			Not detected		10
n-Butylbenzene			Not detected		10
n-Propylbenzene			Not detected		10
o-Xylene			Not detected		10
p- & m-Xylenes			Not detected		10
p-Isopropyltoluene			Not detected		10
sec-Butylbenzene			Not detected		10
Styrene			Not detected		10
tert-Butylbenzene			Not detected		10
Tetrachloroethylene			Not detected		10
Toluene			Not detected		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10

Client Sample ID			B-1 (14-15')		
York Sample ID			08090625-01		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Arsenic, total			1.72		1.00
Barium, total			54.9		0.50
Cadmium, total			Not detected		0.50
Chromium, total			12.2		0.50
Lead, total			2.49		0.50
Selenium, total			Not detected		1.00
Silver, total			Not detected		0.50
Mercury	SW846-7471	mg/kG	Not detected	---	0.10

Client Sample ID			B-2 (13-15')		
York Sample ID			08090625-02		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2,4-Trimethylbenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3,5-Trimethylbenzene			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Benzene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10

YORK

Client Sample ID			B-2 (13-15')		
York Sample ID			08090625-02		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Ethylbenzene			Not detected		10
Hexachlorobutadiene			Not detected		10
Isopropylbenzene			Not detected		10
Methylene chloride			Not detected		10
MTBE			Not detected		10
Naphthalene			Not detected		10
n-Butylbenzene			Not detected		10
n-Propylbenzene			Not detected		10
o-Xylene			Not detected		10
p- & m-Xylenes			Not detected		10
p-Isopropyltoluene			Not detected		10
sec-Butylbenzene			Not detected		10
Styrene			Not detected		10
tert-Butylbenzene			Not detected		10
Tetrachloroethylene			Not detected		10
Toluene			Not detected		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10
Polynuclear Aromatic Hydrocarbons (BN)	SW846-8270	ug/kG	---	---	---
2-Methyl naphthalene			Not detected		165
Acenaphthene			Not detected		165
Acenaphthylene			Not detected		165
Anthracene			Not detected		165
Benzo[a]anthracene			Not detected		165
Benzo[a]pyrene			Not detected		165
Benzo[b]fluoranthene			Not detected		165
Benzo[g,h,i]perylene			Not detected		165
Benzo[k]fluoranthene			Not detected		165
Chrysene			Not detected		165
Dibenz[a,h]anthracene			Not detected		165
Fluoranthene			Not detected		165
Fluorene			130	J	165
Indeno[1,2,3-cd]pyrene			Not detected		165
Naphthalene			Not detected		165
Phenanthrene			Not detected		165
Pyrene			Not detected		165

YORK

Client Sample ID			B-2 (2-3')		
York Sample ID			08090625-03		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
PCB	SW846-3550B/8082	mg/Kg	---	---	---
PCB 1016			Not detected		0.170
PCB 1221			Not detected		0.170
PCB 1232			Not detected		0.170
PCB 1242			Not detected		0.170
PCB 1248			Not detected		0.170
PCB 1254			Not detected		0.170
PCB 1260			Not detected		0.170
Metals, Total RCRA List	SW846	mg/kG	---	---	---
Arsenic, total			1.69		1.00
Barium, total			78.7		0.50
Cadmium, total			Not detected		0.50
Chromium, total			9.63		0.50
Lead, total			55.3		0.50
Selenium, total			Not detected		1.00
Silver, total			Not detected		0.50
Mercury	SW846-7471	mg/kG	Not detected	---	0.10

Client Sample ID			B-3 (14-15')		
York Sample ID			08090625-04		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloroethylene (Total)			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0

Client Sample ID			B-3 (14-15')		
York Sample ID			08090625-04		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			Not detected		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methylene chloride			Not detected		5.0
MTBE			Not detected		5.0
Naphthalene			Not detected		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			Not detected		5.0
Toluene			Not detected		5.0
trans-1,3-Dichloropropylene			Not detected		5.0
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0

Client Sample ID			B-4 (14-15')		
York Sample ID			08090625-05		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2,4-Trimethylbenzene			2	J	10
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3,5-Trimethylbenzene			4	J	10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Benzene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Ethylbenzene			Not detected		10
Hexachlorobutadiene			Not detected		10
Isopropylbenzene			Not detected		10
Methylene chloride			Not detected		10
MTBE			Not detected		10
Naphthalene			Not detected		10
n-Butylbenzene			Not detected		10
n-Propylbenzene			Not detected		10

Client Sample ID			B-4 (14-15')		
York Sample ID			08090625-05		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
o-Xylene			Not detected		10
p- & m-Xylenes			Not detected		10
p-Isopropyltoluene			Not detected		10
sec-Butylbenzene			Not detected		10
Styrene			Not detected		10
tert-Butylbenzene			4	J	10
Tetrachloroethylene			Not detected		10
Toluene			Not detected		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10

Client Sample ID			B-4 (5-6')		
York Sample ID			08090625-06		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2,4-Trimethylbenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3,5-Trimethylbenzene			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Benzene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10

Client Sample ID			B-4 (5-6')		
York Sample ID			08090625-06		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Ethylbenzene			Not detected		10
Hexachlorobutadiene			Not detected		10
Isopropylbenzene			Not detected		10
Methylene chloride			Not detected		10
MTBE			Not detected		10
Naphthalene			Not detected		10
n-Butylbenzene			Not detected		10
n-Propylbenzene			Not detected		10
o-Xylene			Not detected		10
p- & m-Xylenes			Not detected		10
p-Isopropyltoluene			Not detected		10
sec-Butylbenzene			Not detected		10
Styrene			Not detected		10
tert-Butylbenzene			Not detected		10
Tetrachloroethylene			Not detected		10
Toluene			Not detected		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10
Polynuclear Aromatic Hydrocarbons (BN)	SW846-8270	ug/kG	---	---	---
2-Methyl naphthalene			Not detected		825
Acenaphthene			Not detected		825
Acenaphthylene			Not detected		825
Anthracene			Not detected		825
Benzo[a]anthracene			500	J	825
Benzo[a]pyrene			420	J	825
Benzo[b]fluoranthene			440	J	825
Benzo[g,h,i]perylene			Not detected		825
Benzo[k]fluoranthene			500	J	825
Chrysene			640	J	825
Dibenz[a,h]anthracene			Not detected		825
Fluoranthene			1200		825
Fluorene			Not detected		825
Indeno[1,2,3-cd]pyrene			Not detected		825
Naphthalene			Not detected		825
Phenanthrene			900		825
Pyrene			1000		825

YORK

Client Sample ID			B-4 (5-6')		
York Sample ID			08090625-06		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Metals, Total RCRA List	SW846	mg/kG	---	---	---
Arsenic, total			3.64		1.00
Barium, total			363		0.50
Cadmium, total			Not detected		0.50
Chromium, total			18.2		0.50
Lead, total			96.2		0.50
Selenium, total			Not detected		1.00
Silver, total			Not detected		0.50
Mercury	SW846-7471	mg/kG	Not detected	---	0.10

Client Sample ID			B-5 (14-15')		
York Sample ID			08090625-07		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2,4-Trimethylbenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3,5-Trimethylbenzene			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Benzene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10

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Client Sample ID			B-5 (14-15')		
York Sample ID			08090625-07		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Ethylbenzene			Not detected		10
Hexachlorobutadiene			Not detected		10
Isopropylbenzene			Not detected		10
Methylene chloride			Not detected		10
MTBE			Not detected		10
Naphthalene			Not detected		10
n-Butylbenzene			Not detected		10
n-Propylbenzene			Not detected		10
o-Xylene			Not detected		10
p- & m-Xylenes			Not detected		10
p-Isopropyltoluene			Not detected		10
sec-Butylbenzene			Not detected		10
Styrene			Not detected		10
tert-Butylbenzene			Not detected		10
Tetrachloroethylene			Not detected		10
Toluene			Not detected		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10

Client Sample ID			B-6 (14-15')		
York Sample ID			08090625-08		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2,4-Trimethylbenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10

Client Sample ID			B-6 (14-15')		
York Sample ID			08090625-08		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3,5-Trimethylbenzene			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Benzene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Ethylbenzene			Not detected		10
Hexachlorobutadiene			Not detected		10
Isopropylbenzene			Not detected		10
Methylene chloride			Not detected		10
MTBE			Not detected		10
Naphthalene			Not detected		10
n-Butylbenzene			Not detected		10
n-Propylbenzene			Not detected		10
o-Xylene			Not detected		10
p- & m-Xylenes			Not detected		10
p-Isopropyltoluene			Not detected		10
sec-Butylbenzene			Not detected		10
Styrene			Not detected		10
tert-Butylbenzene			Not detected		10
Tetrachloroethylene			Not detected		10
Toluene			Not detected		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10

Client Sample ID			B-7 (7-8')		
York Sample ID			08090625-09		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2,4-Trimethylbenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3,5-Trimethylbenzene			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Benzene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Ethylbenzene			Not detected		10
Hexachlorobutadiene			Not detected		10
Isopropylbenzene			Not detected		10
Methylene chloride			Not detected		10
MTBE			Not detected		10
Naphthalene			6	J	10
n-Butylbenzene			Not detected		10
n-Propylbenzene			Not detected		10

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Client Sample ID			B-7 (7-8')		
York Sample ID			08090625-09		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
o-Xylene			Not detected		10
p- & m-Xylenes			Not detected		10
p-Isopropyltoluene			Not detected		10
sec-Butylbenzene			Not detected		10
Styrene			Not detected		10
tert-Butylbenzene			Not detected		10
Tetrachloroethylene			Not detected		10
Toluene			Not detected		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10

Client Sample ID			B-8 (7-8')		
York Sample ID			08090625-10		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2,4-Trimethylbenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloroethylene (Total)			Not detected		10
1,2-Dichloropropane			Not detected		10
1,3,5-Trimethylbenzene			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Benzene			Not detected		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10

Client Sample ID			B-8 (7-8')		
York Sample ID			08090625-10		
Matrix			SOIL		
Parameter	Method	Units	Result	Qualifier	RL
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Ethylbenzene			Not detected		10
Hexachlorobutadiene			Not detected		10
Isopropylbenzene			Not detected		10
Methylene chloride			Not detected		10
MTBE			Not detected		10
Naphthalene			Not detected		10
n-Butylbenzene			Not detected		10
n-Propylbenzene			Not detected		10
o-Xylene			Not detected		10
p- & m-Xylenes			Not detected		10
p-Isopropyltoluene			Not detected		10
sec-Butylbenzene			Not detected		10
Styrene			Not detected		10
tert-Butylbenzene			Not detected		10
Tetrachloroethylene			Not detected		10
Toluene			Not detected		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10
Metals, Total RCRA List	SW846	mg/kG	---	---	---
Arsenic, total			3.73		1.00
Barium, total			83.1		0.50
Cadmium, total			Not detected		0.50
Chromium, total			16.6		0.50
Lead, total			78.8		0.50
Selenium, total			Not detected		1.00
Silver, total			Not detected		0.50
Mercury	SW846-7471	mg/kG	Not detected	---	0.10

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

YORK

Report Date: 9/24/2008
Client Project ID: WB08037.20
York Project No.: 08090625

Notes for York Project No. 08090625

1. The "RL" is the REPORTING LIMIT and is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This REPORTING LIMIT is based upon the lowest standard utilized for 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.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.
8. Other attachments to this report, including Chain-of-custody documentation and Case narratives are hereby made a part of this report.

Approved By: _____ **Date:** 9/24/2008
for Robert Q. Bradley
Managing Director

YORK

YORK

Analytical Laboratories, Inc.

120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

08090625

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature)
Ecosystems Strategies, Inc.	Brian Brannick	Brenda	WB08037.20	Brian M Brannick Brian Brannick (Name (printed))

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	B-1 (14-15')	9/15/2008		X			VOCs (8260) + RCRA Metals	8 oz glass
	B-2 (13-15')						VOCs (8260) + PAHs (8270)	
	B-2 (2-3')						PCBs + RCRA Metals	
	B-3 (14-15')						VOCs (8260)	
	B-4 (14-15')						VOCs (8260)	
	B-4 (5-6')						VOCS (8260) + PAHs (8260) + RCRA Metals	
	B-5 (14-15')						VOCs (8260)	
	B-6 (14-15')						VOCs (8260)	
	B-7 (7-8')						VOCs (8260)	
	B-8 (7-8')						VOCs (8260) +RCRA Metals	

Chain-of-Custody Record

	Date/Time		Date/Time		Date/Time
Bottles Relinquished from Lab by		Samples Relinquished by	9/16/08 1:45 PM	Samples received by	9-16-08 1:45
Bottles received in field by		Samples Relinquished by		Samples received in LAB by	9-16-08/1810

Comments/Special Instructions

4.2°C

Turn-Around Time Requested- Specify Date Expected if RUSH Requested: DATE DUE FOR RUSH:

_X_ STANDARD ___RUSH(Define)__

APPENDIX H

Qualifications of Environmental Professional(s)

Paul H. Ciminello, CEM, CAQS

PRESIDENT

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)
Connecticut Department of Environmental Protection Interim Environmental Professional
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, Inc.

- 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.

RELATED EXPERIENCE

Research Assistant, School of the Environment, Duke University, North Carolina *1986*

Assisted in the design and evaluation of risk assessment models to estimate the impact of landfill leachate on human health. Monte Carlo simulation and pollutant transport models used in the analyses.

Research Assistant, USDA Forest Service, Duke University, North Carolina *1985*

Collected economic data and assisted in statistical analyses for a study isolating research as a variable in timber production functions.

Research Assistant, School of the Environment, Duke University, North Carolina *1984*

Preliminary research on the use of mathematical models by water resource administrators.

Teacher, Eugene, Oregon *1980-1983*

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.

Richard Hooker

Project Manager

PROFESSIONAL EXPERIENCE

Project Manager, Ecosystems Strategies, Inc., Poughkeepsie, NY — *2001 - present*

- Conducts Environmental Site Investigations and prepares final site assessment reports. Over 300 Investigations and Final Reports completed to date.
- Investigates site histories.
- Conducts facility inspections.
- Reviews regulatory agency records.
- Documents facility compliance with relevant State and Federal regulations.
- Conducts Phase II Technical Environmental Investigations and prepares technical reports.
- Researches field and regulatory information.
- Manages tank removals.
- Coordinates subcontractors.
- Oversees fieldwork and handles collection of material, soil and water samples.

EDUCATION

Ph.D. from the University of St. Andrews, St. Andrews, Scotland — *1997*
BA from Staffordshire University, Stoke-on-Trent, England — *1989*

SELECT PROJECTS

Former Fur Processing Facility, Bronx, NY

Documented the presence of chlorinated hydrocarbon, petroleum, and metals contamination beneath and/or near a former industrial structure. Coordinated the sampling and removal of multiple drums of hazardous and non-hazardous material from the structure and secured NYCDEP approval. Developed a Workplan for site remediation and directed environmental restoration activities, including: excavation and removal of both aboveground and underground storage tanks, removal of contaminated soils, installation of a barrier layer soil cap, and pre-demolition removal of asbestos materials.

Jamaica Hospital Medical Center, Queens, NY

Coordinated and supervised the removal of two, large underground storage tanks and documented site conditions through soil and groundwater sampling. Secured NYSDEC approval of PBS tank closure and registration requirements.

The Point CDC, Bronx, NY

ESI assisted with the open space for community access to the waterfront in revitalization of a former fur processing plant. Activities included subsurface investigation, hazardous waste characterization/disposal program. Worked with architects, engineers, and demolition contractors to demolish existing structure and assisted with site redesign as a multi-purpose community access point to the Bronx River.

PROFESSIONAL CERTIFICATIONS

- OSHA Hazardous Waste Site Operations
- OSHA Emergency Response Training
- 29 CRF 1910.120 (e) – 40 Hour Hazwoper

APPENDIX I

Scope of Services

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
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:
- 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.

HEALTH AND SAFETY PLAN

FOR

SITE REMEDIATION

(INCORPORATING COMMUNITY HEALTH AND SAFETY PLAN)

4, 6, 8, 10 and 12 Gouverneur Place
Borough of Bronx, New York

February 2011

ESI File: WB08037.50

Prepared By

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ATTACHMENTS

Proposed Fieldwork Map
MSDS Sheets

1.0 INTRODUCTION

1.1 Purpose

This Health and Safety Plan for Site Investigation (HASP) has been developed to provide the requirements and general procedures to be followed by Ecosystems Strategies, Inc. (ESI) and on-site subcontractors while performing remedial services at the property located at 4, 6, 8, 10 and 12 Gouverneur Place, Borough of Bronx, New York.

This HASP incorporates policies, guidelines, and procedures that have the objective of protecting the public health of the community during the performance of fieldwork activities, and therefore serves as a Community Health and Safety Plan (CHASP). The objectives of the CHASP are met by establishing guidelines to minimize community exposure to hazards during fieldwork, and by planning for and responding to emergencies affecting the public.

This HASP describes the responsibilities, training requirements, protective equipment, and standard operating procedures to be utilized by all personnel while on the Site. All on-site personnel and visitors shall follow the guidelines, rules, and procedures contained in this safety plan. The Project Manager or Site Health and Safety Officer (SHSO) may impose any other procedures or prohibitions believed to be necessary for safe operations. This HASP incorporates by reference the applicable Occupational Safety and Health Administration (OSHA) requirements in 29 CFR 1910 and 29 CFR 1926.

The requirements and guidelines in this HASP are based on a review of available information and evaluation of potential on-site hazards. This HASP will be discussed with Site personnel and will be available on-site for review while work is underway. On-site personnel will report to the Site Health and Safety Officer (SHSO) in matters of health and safety. The on-site project supervisor(s) are responsible for enforcement and implementation of this HASP, which is applicable to all field personnel, including contractors and subcontractors.

This HASP is specifically intended for the conduct of activities within the defined scope of work in specified areas of the Site. Changes in site conditions and future actions that may be conducted at the Site may necessitate the modification of the requirements of the HASP. Although this HASP can be made available to interested persons for informational purposes, ESI has no responsibility over the interpretations or activities of any other persons or entities other than employees of ESI or ESI's subcontractors.

1.2 Site Location and Description

The Site as defined in this HASP is the property located at 4, 6, 8, 10 and 12 Gouverneur Place, Borough of Bronx, New York. A Proposed Fieldwork Map (illustrating the configuration of the Site as well as the areas of proposed fieldwork activities) are included in the Attachments of this HASP.

1.3 Work Activities

Environmental investigation activities are detailed in the Site Investigation Work Plan (SIWP), dated June 2009. The specific tasks detailed in the SIWP are wholly incorporated by reference into this HASP. The SIWP was prepared to investigate potential subsurface contamination on the property located at 4, 6, 8, 10 and 12 Gouverneur Place, and describes tasks required to adequately delineate and document on-site environmental conditions.

The Investigation Objectives are to:

- Document soil and groundwater integrity in the areas nearest the off-site sources of possible contamination (i.e., the former printing operation and the former gasoline UST's);
- Document the integrity of soil and groundwater in the vicinity of the former structure and fuel oil tank; and,
- Provide a preliminary estimate of the volume of fill material present on the site.

The Scope of Work includes:

- Initiation of air monitoring during ground intrusive activities;
- Completion of a GPR survey to locate USTs or to document the absence of USTs;
- The advancement of 12 on-site borings, 8 of which will be used for the collection of soil samples to document the integrity of subsurface soils;
- The completion of three of the borings as groundwater monitoring wells and the collection and analysis of three groundwater samples;
- A Soil Gas Survey to determine the concentration of volatile organic compounds located within the sub-grade soils at the site, and
- Preparation of an Investigation Summary Report (and a Corrective Action Plan, if warranted).

2.0 HEALTH AND SAFETY HAZARDS

2.1 Hazard Overview for On-Site Personnel

The potential exists for the presence of elevated levels of organic compounds (i.e., gasoline, diesel, and/or fuel oil) in on-site soils and groundwater. The possibility exists for on-site personnel to have contact with contaminated soils, groundwater, and/or vapor during site investigative work. Contact with contaminated substances may present a skin contact, inhalation, and/or ingestion hazard. These potential hazards are addressed in Sections 3.0 through 11.0, below. Material Safety Data Sheets (MSDS) for Polycyclic Aromatic Hydrocarbons (PAHs), Chromium, Barium and Fuel Oil have been provided as an attachment to this HASP.

2.2 Potential Hazards to the Public from Fieldwork Activities

The potential exists for the public to be exposed to contaminated soils, groundwater, and/or vapor, which may present a skin contact, inhalation, and/or ingestion hazard. Additional potential hazards to the public that are associated with fieldwork activities include mechanical/physical hazards, traffic hazards from fieldwork vehicles, and noise impacts associated with operation of mechanical equipment.

Impacts to public health and safety are expected to be limited to hazards that could directly affect on-site visitors and/or trespassers. These effects will be mitigated through site access and control measures (see Section 6.0, below). Specific actions taken to protect the public health (presented in Sections 3.0 through 11, below) are anticipated to minimize any potential off-site impacts from contaminant migration, noise, and traffic hazards.

3.0 PERSONAL PROTECTIVE EQUIPMENT

The levels of protection identified for the services specified in the SIWP represent a best estimate of exposure potential and protective equipment needed for that exposure. Determination of levels was based on data provided by previous studies of the Site and information reviewed on current and past Site usage. The SHSO may recommend revisions to these levels based on an assessment of actual exposures and may at any time require Site workers, supervisors, and/or visitors to use specific safety equipment.

The level of protective clothing and equipment selected for this project is Level D. Level D PPE provides minimal skin protection and no respiratory protection, and is used when the atmosphere contains no known hazard, oxygen concentrations are not less than 19.5%, and work activities exclude splashes, immersion, or the potential for unexpected inhalation or contact with hazardous levels of chemicals. Workers will wear Level D protective clothing including, but not limited to, a hard hat, steel-toed boots, nitrile gloves (when handling soils and/or groundwater), hearing protection (foam ear plugs or ear muffs, as required), and safety goggles (in areas of exposed groundwater and when decontaminating equipment). Personal protective equipment (PPE) will be worn at all times, as designated by this HASP.

Disposable gloves will be changed immediately following the handling of contaminated soils, water, or equipment. Tyvek suits will be worn during activities likely to excessively expose work clothing to contaminated dust or soil (chemically-resistant over garments will be required in situations where exposures could lead to penetration of clothing and direct dermal contact by contaminants).

The requirement for the use of PPE by official on-site visitors shall be determined by the SHSO, based on the most restrictive PPE requirement for a particular Work Zones (see Section 6 for Work Zone definitions). All on-site visitors shall, at a minimum, be required to wear an approved hardhat and be provided with appropriate hearing protection as necessary.

The need for an upgrade in PPE will be determined based upon encountered Site conditions, including measurements taken in the breathing zone of the work area using a photo-ionization detector (PID). An upgrade to a higher level of protection (Level C) will begin when specific action levels are reached (see Section 5.0, below), or as otherwise required by the SHSO. Level C PPE includes a full-face or half-mask air-purifying respirator (NIOSH approved for the compound[s] of concern), hooded chemical-resistant clothing, outer and inner chemical-resistant gloves, and (as needed) coveralls, outer boots/boot covers, escape mask, and face shield. Level C PPE may be used only when: oxygen concentrations are not less than 19.5%; contaminant contact will not adversely affect any exposed skin; types of air contaminants have been identified, concentrations measured, and a cartridge or canister is available that can remove the contaminant; atmospheric contaminant concentrations do not exceed immediately dangerous to life or health (IDLH) levels; and job functions do not require self-contained breathing apparatus (SCBAs). The need for Level B or Level A PPE is not anticipated for the planned investigative activities at this Site.

If any equipment fails and/or any employee experiences a failure or other alteration of their protective equipment that may affect its protective ability, that person will immediately leave the work area. The Project Manager and the SHSO will be notified and, after reviewing the situation, determine the effect of the failure on the continuation of on-going operations. If the failure affects the safety of personnel, the work site, or the surrounding environment, personnel will be evacuated until appropriate corrective actions have been taken.

4.0 CONTAMINANT CONTROL

Precautions will be taken during dry weather (e.g., wetting or covering exposed soils) to avoid generating and breathing dust-generated from soils. A PID (or equivalent equipment) will be used to monitor potential contaminant levels. Response to the monitoring will be in accordance with the action levels provided in Section 5.0.

5.0 MONITORING AND ACTION LEVELS

Concentrations of petroleum compounds in the air are expected to be below the OSHA Permissible Exposure Limits (PELs). Air monitoring will be conducted for VOCs. Monitoring will be conducted at all times that fieldwork activities which are likely to generate emissions are occurring. PID readings consistently in excess of 5 ppm will be used as an indication of the need to initiate personnel monitoring, increase worker protective measures, and/or modify or cease on-site operations in order to mitigate off-site community exposure.

PID readings that consistently exceed background in the breathing zone (during any of the proposed tasks) will necessitate moving away from the source or implementing a higher PPE level.

6.0 SITE CONTROL/WORK ZONES

Site control procedures will be established to reduce the possibility of worker/visitor contact with compounds present in the soil, to protect the public in the area surrounding the Site and to limit access to the Site to only those persons required to be in the work zone. Notices will be placed near the Site warning the public not to enter fieldwork areas and directing visitors to report to the Project Manager or SHSO. Measures will be taken to limit the entry of unauthorized personnel into the specific areas of field activity and to safely direct and control all vehicular traffic in and near the Site (e.g., placement of traffic cones and warning tape).

The following Work Zone will be established:

Exclusion Zone ("Hot Zone") - The exclusion zone will be that area immediately surrounding the work being performed for remediation purposes (i.e. the area where contaminated media are being handled). It is anticipated that much of the work will be accomplished with heavy equipment in the exclusion zone. Only individuals with appropriate PPE and training are allowed into this zone. It is the responsibility of the Site Health and Safety Officer to prevent unauthorized personnel from entering the exclusion zone. When necessary, such as in high traffic areas, the exclusion zone will be delineated with barricade tape, cones, and/or barricades.

Decontamination Area - A decontamination area for personnel and equipment is not anticipated being required during completion of the RAWP; however, care will be taken to remove gloves, excess soil from boots, and soiled clothing (if necessary) before entering the Intermediate Zone.

Contamination Reduction Zone and Support Zone - Not anticipated being required during the completion of the RAWP.

Intermediate Zone (Decontamination Zone) - The intermediate zone, also known as the decontamination zone, is where patient decontamination should take place, if necessary. A degree of contamination still is found in this zone; thus, some PPE is required, although it is usually of a lesser degree than that required for the hot zone.

Command Zone - The command zone is located outside the decontamination zone. All exposed individuals and equipment from the "hot zone" and decontamination zone should be decontaminated before entering the command zone. Access to all zones must be controlled. Keeping the media and onlookers well away from the Site is critical and will be the responsibility of both the SSHO and the Project Manager, and other Site personnel as appropriate.

7.0 NOISE CONTROL

All fieldwork activities will be conducted in a manner designed to reduce unnecessary noise generation, and to minimize the potential for both on-site and off-site harmful noise levels. The Project Manager and SHSO will establish noise reduction procedures (as appropriate to the Site and the work) to meet these requirements.

8.0 PERSONNEL TRAINING

Work zones that will accomplish the general objective stated above will be established by the Project Manager and the SHSO. Site access will be monitored by the SHSO, who will maintain a log-in sheet for personnel that will include, at the minimum, personnel on the Site, their arrival and departure times, and their destination on the Site. All workers will be properly trained in accordance with OSHA requirements (29 CFR 1910). Personnel exiting the work zone(s) will be decontaminated prior to exiting the Site. Site-specific training will be provided to each employee. Personnel will be briefed by the SHSO as to the potential hazards to be encountered. Topics will include:

- Availability of this HASP;
- General site hazards and specific hazards in the work areas, including those attributable to known of suspect on-site contaminants;
- Selection, use, testing, and care of the body, eye, hand, and foot protection being worn, with the limitations of each;
- Decontamination procedures for personnel, their personal protective equipment, and other equipment used on the Site;
- Emergency response procedures and requirements;
- Emergency alarm systems and other forms of notification, and evacuation routes to be followed; and,
- Methods to obtain emergency assistance and medical attention.

9.0 DECONTAMINATION

The SHSO will establish a decontamination system and decontamination procedures (appropriate to the Site and the work) that will prevent potentially hazardous materials from leaving the Site. Trucks will be brushed to remove materials adhering to their surfaces. Sampling equipment will be segregated and, after decontamination, stored separately from splash protection equipment. Decontaminated or clean sampling equipment not in use will be covered with plastic and stored in a designated storage area in the work zone.

10.0 EMERGENCY RESPONSE

10.1 Notification of Site Emergencies

In the event of an emergency, the SHSO will be immediately notified of the nature and extent of the emergency (the names and contact information for key site safety and management personnel, as well as other site safety contact telephone numbers, shall be posted at the Site).

Table 1 in this HASP contains Emergency Response Telephone Numbers, and immediately following is a map detailing the directions to the nearest hospital emergency room. This information will be maintained at the work Site by the SHSO. The location of the nearest telephone will be determined prior to the initiation of on-site activities. In addition to any permanent phone lines, a cellular phone will be in the possession of the SHSO, or an authorized designee, at all times.

10.2 Responsibilities

Prior to the initiation of on-site work activities, the SHSO will:

- Notify individuals, authorities, and/or health care facilities of the potentially hazardous activities and potential wastes that may develop as a result of the investigation.
- Confirm that first aid supplies and a fire extinguisher are available on-site.
- Have a working knowledge of safety equipment available.
- Confirm that a map detailing the most direct route to the hospital is prominently posted with the emergency telephone numbers.

The SHSO will be responsible for directing notification, response, and follow-up actions and for contacting outside response personnel (ambulance, fire department, or others). In the case of an evacuation, the SHSO will account for personnel. A log of individuals entering and leaving the Site will be kept so that everyone can be accounted for in an emergency.

Upon notification of an exposure incident, the SHSO will contact the appropriate emergency response personnel for recommended medical diagnosis and, if necessary, treatment. The SHSO will determine whether and at what levels exposure actually occurred, the cause of such exposure, and the means to prevent similar incidents from occurring.

10.3 Accidents and Injuries

In the event of an accident or injury, measures will be taken to assist those who have been injured or exposed and to protect others from hazards. If an individual is transported to a hospital or doctor, a copy of the HASP will accompany the individual.

The SHSO will be notified and will respond according to the severity of the incident. The SHSO will perform an investigation of the incident and prepare a signed and dated report documenting the investigation. An exposure-incident report will also be completed by the SHSO and the exposed individual. The form will be filed with the employee's medical and safety records to serve as documentation of the incident and the actions taken.

10.4 Communication

No special hand signals will be utilized within the work zone. Field personnel will utilize standard hand signals during the operation of heavy equipment.

10.5 Safe Refuge

Vehicles and on-site structures will serve as the immediate place of refuge in the event of an emergency. If evacuation from the area is necessary, project vehicles will be used to transport on-site personnel to safety.

10.6 Site Security and Control

Site security and control during emergencies, accidents, and incidents will be monitored by the SHSO. The SHSO is responsible for limiting access to the Site to authorized personnel and for oversight of reaction activities.

10.7 Emergency Evacuation

In case of an emergency, personnel will evacuate to the safe refuge identified by the SHSO, both for their personal safety and to prevent the hampering of response/rescue efforts.

10.8 Resuming Work

A determination that it is safe to return to work will be made by the SHSO and/or any personnel assisting in the emergency, e.g., fire department, police department, utility company, etc. No personnel will be allowed to return to the work areas until a full determination has been made by the above-identified personnel that all field activities can continue unobstructed. Such a determination will depend upon the nature of the emergency (e.g., downed power lines -- removal of all lines from the property; fire -- extinguished fire; injury -- safe transport of the injured party to a medical facility with either assurance of acceptable medical care present or completion of medical care; etc.). Before on-site work is resumed following an emergency, necessary emergency equipment will be recharged, refilled, or replaced. Government agencies will be notified as appropriate. An Incident Report Form will be filed.

10.9 Fire Fighting Procedures

A fire extinguisher will be available in the work zone during on-site activities. This extinguisher is intended for small fires. When a fire cannot be controlled with the extinguisher, the area will be evacuated immediately. The SHSO will be responsible for directing notification, response, and follow-up actions and for contacting ambulance and fire department personnel.

10.10 Emergency Decontamination Procedure

The extent of emergency decontamination depends on the severity of the injury or illness and the nature of the contamination. Whenever possible, minimum decontamination will consist of washing, rinsing, and/or removal of contaminated outer clothing and equipment. If time does not permit decontamination, the person will be given first aid treatment and then wrapped in plastic or a blanket prior to transport.

10.11 Emergency Equipment

The following on-site equipment for safety and emergency response will be maintained in the on-site vehicle of the SHSO:

- Fire extinguisher;
- First-aid kit; and,
- Extra copy of this Health and Safety Plan.

11.0 SPECIAL PRECAUTIONS AND PROCEDURES

The activities associated with this investigation may involve potential risks of exposure to both chemical and physical hazards. The potential for chemical exposure to hazardous or regulated substances will be significantly reduced through the use of monitoring, personal protective clothing, engineering controls, and implementation of safe work practices.

11.1 Heat/Cold Stress

Training in prevention of heat/cold stress will be provided as part of the site-specific training. The timing of this project is such that heat/cold stress may pose a threat to the health and safety of personnel. Work/rest regimens will be employed, as necessary, so that personnel do not suffer adverse effects from heat/cold stress. Special clothing and appropriate diet and fluid intake regimens will be recommended to personnel to further reduce this temperature-related hazard. Rest periods will be recommended in the event of high/low temperatures and/or humidity to counter the negative effects of heat/cold stress.

11.2 Heavy Equipment

Working in the vicinity of heavy equipment is the primary safety hazard at the Site. Physical hazards in working near heavy construction equipment include the following: overhead hazards, slips/trip/falls, hand and foot injuries, moving part hazards, improper lifting/back injuries, and noise. All workers will be properly trained in accordance with OSHA requirements (29 CFR 1910). No workers will be permitted within any excavated areas without proper personal protective equipment (PPE), including, as warranted, any necessary Level C equipment (e.g., respirators and protective suits). Air monitoring in excavation areas will be conducted for VOCs in accordance with Section 5.0.

11.3 Additional Safety Practices

The following are important safety precautions which will be enforced during the remedial activities:

- Medicine and alcohol can aggravate the effect of exposure to certain compounds. Controlled substances and alcoholic beverages will not be consumed during investigation activities. Consumption of prescribed drugs will only be at the discretion of a physician familiar with the person's work.
- Eating, drinking, chewing gum or tobacco, smoking, or other practices that increase the probability of hand-to-mouth transfer and ingestion of material is prohibited except in areas designated by the SHSO.
- Contact with potentially contaminated surfaces will be avoided whenever possible. Workers will not unnecessarily walk through puddles, mud, or other discolored surfaces; kneel on the ground; or lean, sit, or place equipment on drums, containers, vehicles, or the ground.
- Personnel and equipment in the work areas will be minimized, consistent with effective site operations.
- Unsafe equipment left unattended will be identified by a "DANGER, DO NOT OPERATE" tag.
- Work areas for various operational activities will be established.

11.4 Daily Log Contents

The SHSO will establish a system appropriate to the Site, the work, and the work zones that will record, at a minimum, the following information:

- Personnel on the Site, their arrival and departure times, and their destination on the Site.
- Incidents and unusual activities that occur on the Site such as, but not limited to, accidents, spills, breaches of security, injuries, equipment failures, and weather-related problems.
- Changes to the HASP.
- Daily information generated such as: changes to work and health and safety plans; work accomplished and the current Site status; and monitoring results.

12.0 TABLE AND FIGURES

Table 1: Emergency Response Telephone Numbers

Emergency Agencies	Phone Numbers
EMERGENCY	**911**
New York Presbyterian Medical Center 622 E. 168th Street, Bronx, NY 10456	(718) 960-4500 or 911
Bronx Police Department	(718) 590-2819 or 911
NYC Fire Department	911
City Hall	(212) 788-3000
Main Water and Sewer	(212) 315-2101

Figure 1: Directions to Hospital

		Dist	Turn		Road	Exit	Total Time	Total Dist
			Start	at	12 Gouverneur Pl		00:00:00	0.00 mi
			Go straight (WNW)	on	Gouverneur Pl		00:00:00	0.00 mi
	in	0.01 mi	Go straight (NNE)	on to	Park Ave		00:00:02	0.01 mi
	in	0.05 mi	Turn right (ESE)	on to	E 167th St		00:00:10	0.06 mi
	in	0.22 mi	Turn left (NE)	on to	Franklin Ave		00:00:52	0.28 mi
	in	0.13 mi	Turn right (SE)	on to	E 168th St		00:01:22	0.41 mi
	in	0.02 mi	Finish	at	622 E 168th St		00:01:26	0.43 mi

Total Time: 00:01:26 Total Distance: 0.43 mi

Figure 2: Map to Hospital (overview)

Trip Distance: 0.43 mi

Trip Time: 00:01:26

Start: 12 Gouverneur Pl

Total Stops: 0

Finish: 622 E 168th St

Data use subject to license.
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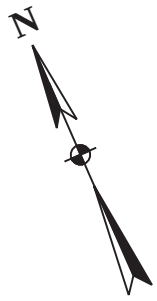
www.delorme.com

TN
MN (13.1°W)

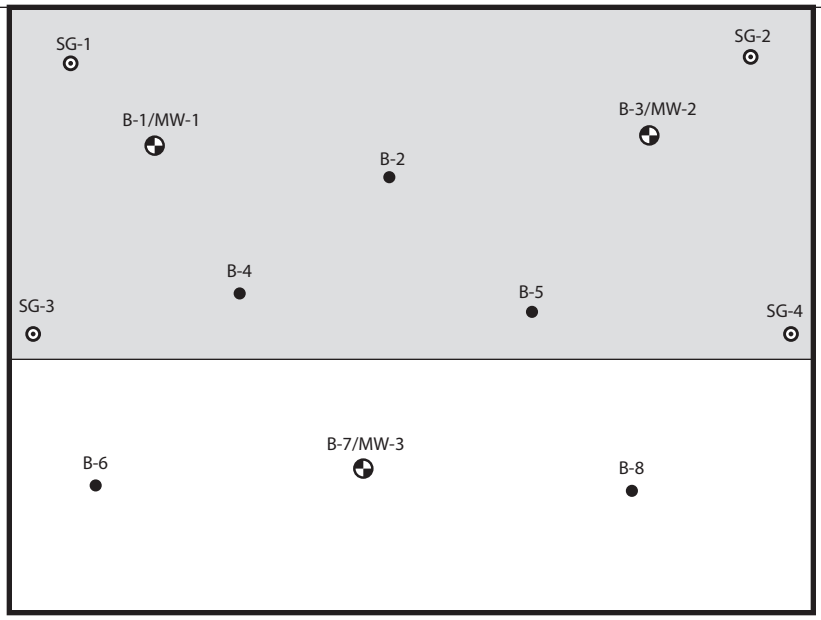
Scale 1 : 3,200
1" = 266.7 ft

Ecosystems Strategies, Inc.



GOUVERNEUR PLACE

sidewalk



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.

Proposed Fieldwork Map

4, 6, 8,10 and 12 Gouverneur Place
Borough of Bronx, New York

Legend:

- Subject property border
- Proposed building
- Proposed monitoring well and soil boring location
- Proposed boring location
- Proposed soil gas location

ESI File: WB08037.50

February 2011

Scale: 1" = 30' approximately

Attachment

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)

Agency for Toxic Substances and Disease Registry ToxFAQs September 1996

This fact sheet answers the most frequently asked health questions (FAQs) about polycyclic aromatic hydrocarbons (PAHs). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to polycyclic aromatic hydrocarbons usually occurs by breathing air contaminated by wild fires or coal tar, or by eating foods that have been grilled. PAHs have been found in at least 600 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are polycyclic aromatic hydrocarbons?

(Pronounced pŏl′ĭ-sī′klĭk ăr′ə-măt′ĭk hī′drə-kar′bənz)

Polycyclic aromatic hydrocarbons (PAHs) are a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances like tobacco or charbroiled meat. PAHs are usually found as a mixture containing two or more of these compounds, such as soot.

Some PAHs are manufactured. These pure PAHs usually exist as colorless, white, or pale yellow-green solids. PAHs are found in coal tar, crude oil, creosote, and roofing tar, but a few are used in medicines or to make dyes, plastics, and pesticides.

What happens to PAHs when they enter the environment?

- PAHs enter the air mostly as releases from volcanoes, forest fires, burning coal, and automobile exhaust.
- PAHs can occur in air attached to dust particles.
- Some PAH particles can readily evaporate into the air from soil or surface waters.
- PAHs can break down by reacting with sunlight and other chemicals in the air, over a period of days to weeks.
- PAHs enter water through discharges from industrial and wastewater treatment plants.
- Most PAHs do not dissolve easily in water. They stick to solid particles and settle to the bottoms of lakes or rivers.
- Microorganisms can break down PAHs in soil or water after a period of weeks to months.
- In soils, PAHs are most likely to stick tightly to particles; certain PAHs move through soil to contaminate underground water.
- PAH contents of plants and animals may be much higher than PAH contents of soil or water in which they live.

How might I be exposed to PAHs?

- Breathing air containing PAHs in the workplace of coking, coal-tar, and asphalt production plants; smokehouses; and municipal trash incineration facilities.
- Breathing air containing PAHs from cigarette smoke, wood smoke, vehicle exhausts, asphalt roads, or agricultural burn smoke.
- Coming in contact with air, water, or soil near hazardous waste sites.
- Eating grilled or charred meats; contaminated cereals, flour, bread, vegetables, fruits, meats; and processed or pickled foods.
- Drinking contaminated water or cow's milk.

- Nursing infants of mothers living near hazardous waste sites may be exposed to PAHs through their mother's milk.

How can PAHs affect my health?

Mice that were fed high levels of one PAH during pregnancy had difficulty reproducing and so did their offspring. These offspring also had higher rates of birth defects and lower body weights. It is not known whether these effects occur in people.

Animal studies have also shown that PAHs can cause harmful effects on the skin, body fluids, and ability to fight disease after both short- and long-term exposure. But these effects have not been seen in people.

How likely are PAHs to cause cancer?

The Department of Health and Human Services (DHHS) has determined that some PAHs may reasonably be expected to be carcinogens.

Some people who have breathed or touched mixtures of PAHs and other chemicals for long periods of time have developed cancer. Some PAHs have caused cancer in laboratory animals when they breathed air containing them (lung cancer), ingested them in food (stomach cancer), or had them applied to their skin (skin cancer).

Is there a medical test to show whether I've been exposed to PAHs?

In the body, PAHs are changed into chemicals that can attach to substances within the body. There are special tests that can detect PAHs attached to these substances in body tissues or blood. However, these tests cannot tell whether any health effects will occur or find out the extent or source of your exposure to the PAHs. The tests aren't usually available in your doctor's office because special equipment is needed to conduct them.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.2 milligrams of PAHs per cubic meter of air (0.2 mg/m^3). The OSHA Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is 5 mg/m^3 averaged over an 8-hour exposure period.

The National Institute for Occupational Safety and Health (NIOSH) recommends that the average workplace air levels for coal tar products not exceed 0.1 mg/m^3 for a 10-hour workday, within a 40-hour workweek. There are other limits for workplace exposure for things that contain PAHs, such as coal, coal tar, and mineral oil.

Glossary

Carcinogen: A substance that can cause cancer.

Ingest: Take food or drink into your body.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for polycyclic aromatic hydrocarbons. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

MATERIAL SAFETY DATA SHEET

No. 2 Fuel Oil

MSDS No. 0088

EMERGENCY OVERVIEW
CAUTION!
OSHA/NFPA COMBUSTIBLE LIQUID - SLIGHT TO MODERATE IRRITANT - EFFECTS CENTRAL NERVOUS SYSTEM - HARMFUL OR FATAL IF SWALLOWED

Moderate fire hazard. Avoid breathing vapors or mists. May cause dizziness and drowsiness. May cause moderate eye irritation and skin irritation. Long-term, repeated exposure may cause skin cancer.

If ingested, do NOT induce vomiting, as this may cause chemical pneumonia (fluid in the lungs).

NFPA 704 (Section 16)

1. CHEMICAL PRODUCT and COMPANY INFORMATION

Hess Corporation
1 Hess Plaza
Woodbridge, NJ 07095-0961

EMERGENCY TELEPHONE NUMBER (24 hrs): **CHEMTREC (800) 424-9300**
COMPANY CONTACT (business hours): Corporate EHS (732) 750-6000
MSDS Internet Website: www.hess.com

SYNONYMS: #2 Heating Oil; 2 Oil; Off-road Diesel Fuel

See Section 16 for abbreviations and acronyms.

2. COMPOSITION and INFORMATION ON INGREDIENTS

INGREDIENT NAME (CAS No.)	CONCENTRATION PERCENT BY WEIGHT
#2 Fuel Oil (68476-30-2)	100
Naphthalene (91-20-3)	Typically 0.1

A complex combination of hydrocarbons with carbon numbers in the range C9 and higher produced from the distillation of petroleum crude oil.

3. HAZARDS IDENTIFICATION

EYES
Contact with eyes may cause mild irritation.

SKIN
Practically non-toxic if absorbed following acute (single) exposure. May cause skin irritation with prolonged or repeated contact. Liquid may be absorbed through the skin in toxic amounts if large areas of skin are repeatedly exposed.

INGESTION
The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

Ingestion may cause gastrointestinal disturbances, including irritation, nausea, vomiting and diarrhea, and central nervous system (brain) effects similar to alcohol intoxication. In severe cases, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death may occur.

INHALATION
Excessive exposure may cause irritations to the nose, throat, lungs and respiratory tract. Central nervous system (brain) effects may include headache, dizziness, loss of balance and coordination, unconsciousness, coma, respiratory failure, and death.

WARNING: the burning of any hydrocarbon as a fuel in an area without adequate ventilation may result in hazardous levels of combustion products, including carbon monoxide, and inadequate oxygen levels, which may cause unconsciousness, suffocation, and death.

CHRONIC EFFECTS and CARCINOGENICITY
Similar products have produced skin cancer and systemic toxicity in laboratory animals following repeated applications. The significance of these results to human exposures has not been determined - see Section 11 Toxicological Information.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Irritation from skin exposure may aggravate existing open wounds, skin disorders, and dermatitis (rash).

4. FIRST AID MEASURES

EYES
In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 min. Hold eyelids open to ensure adequate flushing. Seek medical attention.

SKIN
Remove contaminated clothing. Wash contaminated areas thoroughly with soap and water or with waterless hand cleanser. Obtain medical attention if irritation or redness develops.

INGESTION
DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Monitor for breathing difficulties. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

INHALATION
Remove person to fresh air. If person is not breathing, provide artificial respiration. If necessary, provide additional oxygen once breathing is restored if trained to do so. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT:	100 ^{o}F (38 ^{o}C) minimum PMCC
AUTOIGNITION POINT:	494 ^{o}F (257 ^{o}C)
LOWER EXPLOSIVE LIMIT (%):	0.6
UPPER EXPLOSIVE LIMIT (%):	7.5

FIRE AND EXPLOSION HAZARDS
OSHA and NFPA Class 2 COMBUSTIBLE LIQUID (see Section 14 for transportation classification). Vapors may be ignited rapidly when exposed to heat, spark, open flame or other source of ignition. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard.

EXTINGUISHING MEDIA

SMALL FIRES: Any extinguisher suitable for Class B fires, dry chemical, CO2, water spray, fire fighting foam, or Halon.

LARGE FIRES: Water spray, fog or fire fighting foam. Water may be ineffective for fighting the fire, but may be used to cool fire-exposed containers.

FIRE FIGHTING INSTRUCTIONS

Small fires in the incipient (beginning) stage may typically be extinguished using handheld portable fire extinguishers and other fire fighting equipment.

Firefighting activities that may result in potential exposure to high heat, smoke or toxic by-products of combustion should require NIOSH/MSHA- approved pressure-demand self-contained breathing apparatus with full facepiece and full protective clothing.

Isolate area around container involved in fire. Cool tanks, shells, and containers exposed to fire and excessive heat with water. For massive fires the use of unmanned hose holders or monitor nozzles may be advantageous to further minimize personnel exposure. Major fires may require withdrawal, allowing the tank to burn. Large storage tank fires typically require specially trained personnel and equipment to extinguish the fire, often including the need for properly applied fire fighting foam.

See Section 16 for the NFPA 704 Hazard Rating.

6. ACCIDENTAL RELEASE MEASURES

ACTIVATE FACILITY'S SPILL CONTINGENCY OR EMERGENCY RESPONSE PLAN.

Evacuate nonessential personnel and remove or secure all ignition sources. Consider wind direction; stay upwind and uphill, if possible. Evaluate the direction of product travel, diking, sewers, etc. to confirm spill areas. Spills may infiltrate subsurface soil and groundwater; professional assistance may be necessary to determine the extent of subsurface impact.

Carefully contain and stop the source of the spill, if safe to do so. Protect bodies of water by diking, absorbents, or absorbent boom, if possible. Do not flush down sewer or drainage systems, unless system is designed and permitted to handle such material. The use of fire fighting foam may be useful in certain situations to reduce vapors. The proper use of water spray may effectively disperse product vapors or the liquid itself, preventing contact with ignition sources or areas/equipment that require protection.

Take up with sand or other oil absorbing materials. Carefully shovel, scoop or sweep up into a waste container for reclamation or disposal. Response and clean-up crews must be properly trained and must utilize proper protective equipment (see Section 8).

7. HANDLING and STORAGE

HANDLING PRECAUTIONS

Handle as a combustible liquid. Keep away from heat, sparks, excessive temperatures and open flame! No smoking or open flame in storage, use or handling areas. Bond and ground containers during product transfer to reduce the possibility of static-initiated fire or explosion.

Special slow load procedures for "switch loading" must be followed to avoid the static ignition hazard that can exist when this product is loaded into tanks previously containing low flash point products (such as gasoline) - see API Publication 2003, "Protection Against Ignitions Arising Out Of Static, Lightning and Stray Currents."

STORAGE PRECAUTIONS
Keep containers closed and clearly labeled. Use approved vented storage containers. Empty product containers or vessels may contain explosive vapors. Do not pressurize, cut, heat, weld or expose such containers to sources of ignition.

Store in a well-ventilated area. This storage area should comply with NFPA 30 "Flammable and Combustible Liquid Code". Avoid storage near incompatible materials. The cleaning of tanks previously containing this product should follow API Recommended Practice (RP) 2013 "Cleaning Mobile Tanks In Flammable and Combustible Liquid Service" and API RP 2015 "Cleaning Petroleum Storage Tanks."

WORK/HYGIENIC PRACTICES
Emergency eye wash capability should be available in the near proximity to operations presenting a potential splash exposure. Use good personal hygiene practices. Avoid repeated and/or prolonged skin exposure. Wash hands before eating, drinking, smoking, or using toilet facilities. Do not use as a cleaning solvent or harsh abrasive skin cleaners for washing this product from exposed skin areas. Waterless hand cleaners are effective. Promptly remove contaminated clothing and launder before reuse. Use care when laundering to prevent the formation of flammable vapors which could ignite via washer or dryer. Consider the need to discard contaminated leather shoes and gloves.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

EXPOSURE LIMITS

Components (CAS No.)	Source	Exposure Limits TWA/STEL	Note
#2 Fuel Oil (68476-30-2)	OSHA	5 mg/m^3 (as mineral oil mist) TWA	
	ACGIH	0.2 mg/m^3 (as mineral oil) TWA	A2, skin
Naphthalene (91-20-3)	OSHA	10 ppm TWA	
	ACGIH	10 ppm TWA / 15 ppm STEL	A4, Skin

ENGINEERING CONTROLS
Use adequate ventilation to keep vapor concentrations of this product below occupational exposure and flammability limits, particularly in confined spaces.

EYE/FACE PROTECTION
Safety glasses or goggles are recommended where there is a possibility of splashing or spraying.

SKIN PROTECTION
Gloves constructed of nitrile, neoprene, or PVC are recommended. Chemical protective clothing such as of E.I. DuPont TyChem®, Saranex® or equivalent recommended based on degree of exposure. Note: The resistance of specific material may vary from product to product as well as with degree of exposure. Consult manufacturer specifications for further information.

RESPIRATORY PROTECTION
A NIOSH/MSHA-approved air-purifying respirator with organic vapor cartridges or canister may be permissible under certain circumstances where airborne concentrations are or may be expected to exceed exposure limits or for odor or irritation. Protection provided by air-purifying respirators is limited. Refer to OSHA 29 CFR 1910.134, NIOSH Respirator Decision Logic, and the manufacturer for additional guidance on respiratory protection selection.

Use a positive pressure, air-supplied respirator if there is a potential for uncontrolled release, exposure levels are not known, in oxygen-deficient atmospheres, or any other circumstance where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE
Red or reddish/orange colored (dyed) liquid

ODOR
Mild, petroleum distillate odor

BASIC PHYSICAL PROPERTIES

BOILING RANGE:	340 to 700 ^{o}F (171 to 371 ^{o}C)
VAPOR PRESSURE:	0.009 psia @ 70 ^{o}F (21 ^{o}C)
VAPOR DENSITY (air = 1):	> 1.0
SPECIFIC GRAVITY (H_2O = 1):	AP 0.87
PERCENT VOLATILES:	100 %
EVAPORATION RATE:	Slow; varies with conditions
SOLUBILITY (H_2O):	Negligible

10. STABILITY and REACTIVITY

STABILITY: Stable. Hazardous polymerization will not occur

CONDITIONS TO AVOID and INCOMPATIBLE MATERIALS
Avoid high temperatures, open flames, sparks, welding, smoking and other ignition sources. Keep away from strong oxidizers; Viton ®; Fluorel ®

HAZARDOUS DECOMPOSITION PRODUCTS
Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke).

11. TOXICOLOGICAL PROPERTIES

ACUTE TOXICITY
Acute Oral LD50 (rat): 14.5 ml/kg
Acute Dermal LD50 (rabbit): > 5 ml/kg
Guinea Pig Sensitization: negative
Primary dermal irritation: moderately irritating (Draize mean irritation score - 3.98 rabbits)
Draize eye irritation: mildly irritating (Draize score, 48 hours, unwashed - 2.0 rabbits)

CHRONIC EFFECTS AND CARCINOGENICITY
Carcinogenic: IARC: NO NTP: NO OSHA: NO ACGIH: A2
Dermal carcinogenicity: positive - mice

Studies have shown that similar products produce skin tumors in laboratory animals following repeated applications without washing or removal. The significance of this finding to human exposure has not been determined. Other studies with active skin carcinogens have shown that washing the animal's skin with soap and water between applications reduced tumor formation.

This product is similar to Diesel Fuel. IARC classifies whole diesel fuel exhaust particulates as probably carcinogenic to humans (Group 2A) and NIOSH regards it as a potential cause of occupational lung cancer based on animal studies and limited evidence in humans.

MUTAGENICITY (genetic effects)
Material of similar composition has been positive in a mutagenicity study.

12. ECOLOGICAL INFORMATION

Keep out of sewers, drainage areas and waterways. Report spills and releases, as applicable, under Federal and State regulations.

13. DISPOSAL CONSIDERATIONS

Consult federal, state and local waste regulations to determine appropriate disposal options.

14. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	FUEL OIL, NO. 2	Placard:
HAZARD CLASS & PACKING GROUP:	3, PG III	
DOT IDENTIFICATION NUMBER:	NA 1993	
DOT SHIPPING LABEL:	FLAMMABLE LIQUID	

May be reclassified for transportation as a COMBUSTIBLE LIQUID under conditions of DOT 49 CFR 173.120(b)(2).

15. REGULATORY INFORMATION

U.S. FEDERAL, STATE, and LOCAL REGULATORY INFORMATION

This product and its constituents listed herein are on the EPA TSCA Inventory. Any spill or uncontrolled release of this product, including any substantial threat of release, may be subject to federal, state and/or local reporting requirements. This product and/or its constituents may also be subject to other regulations at the state and/or local level. Consult those regulations applicable to your facility/operation.

CLEAN WATER ACT (OIL SPILLS)

Any spill or release of this product to "navigable waters" (essentially any surface water, including certain wetlands) or adjoining shorelines sufficient to cause a visible sheen or deposit of a sludge or emulsion must be reported immediately to the National Response Center (1-800-424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies as required.

CERCLA SECTION 103 and SARA SECTION 304 (RELEASE TO THE ENVIRONMENT)

The CERCLA definition of hazardous substances contains a “petroleum exclusion” clause which exempts crude oil, refined, and unrefined petroleum products and any indigenous components of such. However, other federal reporting requirements (e.g., SARA Section 304 as well as the Clean Water Act if the spill occurs on navigable waters) may still apply.

SARA SECTION 311/312 - HAZARD CLASSES

ACUTE HEALTH	CHRONIC HEALTH	FIRE	SUDDEN RELEASE OF PRESSURE	REACTIVE
X	X	X	--	--

SARA SECTION 313 - SUPPLIER NOTIFICATION

This product may contain listed chemicals below the *de minimis* levels which therefore are not subject to the supplier notification requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372. If you may be required to report releases of chemicals listed in 40 CFR 372.28, you may contact Hess Corporate Safety if you require additional information regarding this product.

CALIFORNIA PROPOSITON 65 LIST OF CHEMICALS

This product contains the following chemicals that are included on the Proposition 65 "List of Chemicals" required by the California Safe Drinking Water and Toxic Enforcement Act of 1986:

INGREDIENT NAME (CAS NUMBER)	Date Listed
Residual Fuel Oil (no CAS Number listed)	10/01/1990

CANADIAN REGULATORY INFORMATION (WHMIS)

Class B, Division 3(Combustible Liquid); Class D, Division 2, Subdivision B (Toxic by other means)

NFPA® HAZARD RATING		
	HEALTH:	0
	FIRE:	2
	REACTIVITY:	0

Refer to NFPA 704 "Identification of the Fire Hazards of Materials" for further information

HMIS® HAZARD RATING			
	HEALTH:	1 *	Slight
	FIRE:	2	Moderate
	PHYSICAL:	0	Negligible
			* Chronic

SUPERSEDES MSDS DATED: 05/24/02

ABBREVIATIONS:

AP = Approximately < = Less than > = Greater than
N/A = Not Applicable N/D = Not Determined ppm = parts per million

ACRONYMS:

ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
ANSI	American National Standards Institute (212) 642-4900
API	American Petroleum Institute (202) 682-8000
CERCLA	Comprehensive Emergency Response, Compensation, and Liability Act
DOT	U.S. Department of Transportation [General info: (800) 467-4922]
EPA	U.S. Environmental Protection Agency
HMIS	Hazardous Materials Information System
IARC	International Agency For Research On Cancer
MSHA	Mine Safety and Health Administration
NFPA	National Fire Protection Association (617) 770-3000
NIOSH	National Institute of Occupational Safety and Health
NOIC	Notice of Intended Change (proposed change to ACGIH TLV)
NTP	National Toxicology Program
OPA	Oil Pollution Act of 1990
OSHA	U.S. Occupational Safety & Health Administration
PEL	Permissible Exposure Limit (OSHA)
RCRA	Resource Conservation and Recovery Act
REL	Recommended Exposure Limit (NIOSH)
SARA	Superfund Amendments and Reauthorization Act of 1986 Title III
SCBA	Self-Contained Breathing Apparatus
SPCC	Spill Prevention, Control, and Countermeasures
STEL	Short-Term Exposure Limit (generally 15 minutes)
TLV	Threshold Limit Value (ACGIH)
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average (8 hr.)
WEEL	Workplace Environmental Exposure Level (AIHA)
WHMIS	Canadian Workplace Hazardous Materials Information System

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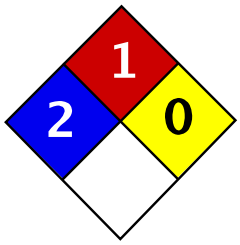
Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material, even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in their use of the material.



Health	2
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Chromium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Chromium

Catalog Codes: SLC4711, SLC3709

CAS#: 7440-47-3

RTECS: GB4200000

TSCA: TSCA 8(b) inventory: Chromium

CI#: Not applicable.

Synonym: Chromium metal; Chrome; Chromium Metal Chips 2" and finer

Chemical Name: Chromium

Chemical Formula: Cr

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Chromium	7440-47-3	100

Toxicological Data on Ingredients: Chromium LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Slightly hazardous in case of ingestion.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
The substance may be toxic to kidneys, lungs, liver, upper respiratory tract.
Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 580°C (1076°F)

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances:
Slightly flammable to flammable in presence of open flames and sparks, of heat.
Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Moderate fire hazard when it is in the form of a dust (powder) and burns rapidly when heated in flame.
Chromium is attacked vigorously by fused potassium chlorate producing vivid incandescence.
Pyrophoric chromium unites with nitric oxide with incandescence.
Incandescent reaction with nitrogen oxide or sulfur dioxide.

Special Remarks on Explosion Hazards:
Powdered Chromium metal +fused ammonium nitrate may react violently or explosively.
Powdered Chromium will explode spontaneously in air.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids, alkalis.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:
Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.5 (mg/m3) from ACGIH (TLV) [United States]
TWA: 1 (mg/m3) from OSHA (PEL) [United States]
TWA: 0.5 (mg/m3) from NIOSH [United States]
TWA: 0.5 (mg/m3) [United Kingdom (UK)]
TWA: 0.5 (mg/m3) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Metal solid.)

Odor: Odorless.

Taste: Not available.

Molecular Weight: 52 g/mole

Color: Silver-white to Grey.

pH (1% soln/water): Not applicable.

Boiling Point: 2642°C (4787.6°F)

Melting Point: 1900°C (3452°F) +/- !0 deg. C

Critical Temperature: Not available.

Specific Gravity: 7.14 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:
Insoluble in cold water, hot water.
Soluble in acids (except Nitric), and strong alkalies.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents, acids, alkalis.

Corrosivity: Not available.

Special Remarks on Reactivity:
Incompatible with molten Lithium at 180 deg. C, hydrogen peroxide, hydrochloric acid, sulfuric acid, most caustic alkalies and alkali carbonates, potassium chlorate, sulfur dioxide, nitrogen oxide, bromine pentafluoride.
It may react violently or ignite with bromine pentafluoride.
Chromium is rapidly attacked by fused sodium hydroxide + potassium nitrate.
Potentially hazardous incompatibility with strong oxidizers.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available.
LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for

human.) by IARC.
May cause damage to the following organs: kidneys, lungs, liver, upper respiratory tract.

Other Toxic Effects on Humans:
Hazardous in case of skin contact (irritant), of inhalation.
Slightly hazardous in case of ingestion.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:
May cause cancer based on animal data. There is no evidence that exposure to trivalent chromium causes cancer in man.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects:
May cause skin irritation.
Eyes: May cause mechanical eye irritation.
Inhalation: May cause irritation of the respiratory tract and mucous membranes of the respiratory tract.
Ingestion: May cause gastrointestinal tract irritation with nausea, vomiting, diarrhea.
Chronic Potential Health Effects:
Inhalation: The effects of chronic exposure include irritation , sneezing, reddness of the throat, bronchospasm, asthma, cough, polyps, chronic inflammation, emphysema, chronic bronchitis, pharyngitis, bronchopneumonia, pneumoconoisis. Effects on the nose from chronic chromium exposure include irritation, ulceration, and perforation of the nasal septum. Inflammation and ulceration of the larynx may also occur.
Ingestion or Inhalation: Chronic exposure may cause liver and kidney damage.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:

Connecticut hazardous material survey.: Chromium
Illinois toxic substances disclosure to employee act: Chromium
Illinois chemical safety act: Chromium
New York release reporting list: Chromium
Rhode Island RTK hazardous substances: Chromium
Pennsylvania RTK: Chromium
Minnesota: Chromium
Michigan critical material: Chromium
Massachusetts RTK: Chromium
Massachusetts spill list: Chromium
New Jersey: Chromium
New Jersey spill list: Chromium
Louisiana spill reporting: Chromium
California Director's List of Hazardous Substances: Chromium
TSCA 8(b) inventory: Chromium
SARA 313 toxic chemical notification and release reporting: Chromium
CERCLA: Hazardous substances.: Chromium: 5000 lbs. (2268 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):
R40- Limited evidence of carcinogenic effect
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves.
Lab coat.
Dust respirator. Be sure to use an approved/certified respirator or equivalent.
Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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Last Updated: 11/06/2008 12:00 PM

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Barium Metal

MSDS # 84.00

Section 1: Product and Company Identification

Barium Metal

Synonyms/General Names: Barium
Product Use: For educational use only
Manufacturer: Columbus Chemical Industries, Inc., Columbus, WI 53925.

24 Hour Emergency Information Telephone Numbers

CHEMTREC (USA): 800-424-9300 **CANUTEC (Canada): 613-424-6666**

ScholAR Chemistry; 5100 W. Henrietta Rd, Rochester, NY 14586; (866) 260-0501; www.Scholarchemistry.com

Section 2: Hazards Identification

Soft, silvery, lustrous metal immersed in heavy mineral oil; no odor.

HMIS (0 to 4)

Health	3
Fire Hazard	3
Reactivity	2

WARNING! Flammable solid, dangerous when wet, highly toxic by ingestion.
Flammable solid, keep away from all ignition sources. Contact with water produces flammable gas.
Target organs: Central nervous system, kidneys.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Section 3: Composition / Information on Ingredients

Barium Metal (7440-39-3), 100%

Section 4: First Aid Measures

Always seek professional medical attention after first aid measures are provided.

Eyes: Immediately flush eyes with excess water for 15 minutes, lifting lower and upper eyelids occasionally.
Skin: Immediately flush skin with excess water for 15 minutes while removing contaminated clothing.
Ingestion: Call Poison Control immediately. Rinse mouth with cold water. Give victim 1-2 tbsp of activated charcoal mixed with 8 oz water.
Inhalation: Remove to fresh air. If not breathing, give artificial respiration.

Section 5: Fire Fighting Measures

Flammable solid. When heated to decomposition, emits acrid fumes and explosive hydrogen gas.

Protective equipment and precautions for firefighters: Do Not Use carbon dioxide, foam, water or halogenated extinguishing agents. Use class D extinguisher or smother with dry sand, dry clay, dry ground limestone or dry graphite. Firefighters should wear full fire fighting turn-out gear and respiratory protection (SCBA). Material is not sensitive to mechanical impact or static discharge.

Section 6: Accidental Release Measures

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove all ignition sources and ventilate area. Sweep up spill and place material in a dry container for disposal. See Section 13 for disposal information.

Section 7: Handling and Storage Red

Handling: Use with adequate ventilation and do not breathe dust or vapor. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly after handling.
Storage: Store in Flammable Area [Red Storage] with other flammable materials and away from any strong oxidizers. Store in a dedicated flammables cabinet. Store in a cool, dry, well-ventilated, locked store room away from incompatible materials.

Section 8: Exposure Controls / Personal Protection

Use ventilation to keep airborne concentrations below exposure limits. Have approved eyewash facility, safety shower, and fire extinguishers readily available. Wear chemical splash goggles and chemical resistant clothing such as gloves and aprons. Wash hands thoroughly after handling material and before eating or drinking. Use NIOSH-approved respirator with a dust cartridge. Exposure guidelines: Barium compounds: OSHA PEL: 0.5 mg/m^3 and ACGIH TLV: 0.5 mg/m^3, STEL: N/A.

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Section 9: Physical and Chemical Properties

Molecular formula	Ba.	**Appearance**	Silver metal in heavy mineral oil.
Molecular weight	137.33.	**Odor**	No odor.
Specific Gravity	3.62 g/mL @ 20°C..	**Odor Threshold**	N/A.
Vapor Density (air=1)	N/A.	**Solubility**	Reacts violently with water.
Melting Point	850°C.	**Evaporation rate**	N/A *(Butyl acetate = 1).*
Boiling Point/Range	1695°C.	**Partition Coefficient**	N/A *(log P_{OW}).*
Vapor Pressure (20°C)	N/A.	**pH**	N/A.
Flash Point:	N/A.	**UEL**	N/A.
Autoignition Temp.:	N/A.	**LEL**	N/A.

N/A = Not available or applicable

Section 10: Stability and Reactivity

Avoid heat and ignition sources
Stability: Stable under normal conditions of use.
Incompatibility: Water, acids, chlorine, iodine, bromine and oxidizing agents.
Shelf life: Indefinite if stored properly.

Section 11: Toxicology Information

Acute Symptoms/Signs of exposure: ***Eyes***: Stinging pain, burns, watering of eyes, inflammation of eyelids and conjunctivitis. Avoid looking at burning magnesium. ***Skin***: Irritation, redness, burns. Powdered metal ignites readily on skin causing burns. ***Ingestion***: Nausea, vomiting and headache. ***Inhalation***: Rapid irregular breathing, headache, burns to mucous membranes. Inhalation of dust or fumes causes metal fume fever.
Chronic Effects: Repeated/prolonged skin contact may cause dryness or rashes.
Sensitization: none expected
Barium: LD50 [oral, rat]; Not Available; LC50 [rat]; Not Available; LD50 Dermal [rabbit]; Not Available
Material has not been found to be a carcinogen nor produce genetic, reproductive, or developmental effects.

Section 12: Ecological Information

Ecotoxicity (aquatic and terrestrial): Ecological impact has not been determined

Section 13: Disposal Considerations

Check with all applicable local, regional, and national laws and regulations. Local regulations may be more stringent than regional or national regulations. Use a licensed chemical waste disposal firm for proper disposal.

Section 14: Transport Information

DOT Shipping Name:	Barium.	**Canada TDG:**	Barium .
DOT Hazard Class:	4.3, pg II.	**Hazard Class:**	4.3, pg II.
Identification Number:	UN1400.	**UN Number:**	UN1400.

Section 15: Regulatory Information

EINECS: Listed (231-149.1) .
TSCA: All components are listed or are exempt.
WHMIS Canada: B6:D2B: Reactive Flammable: Toxic Material.
California Proposition 65: Not listed.
The product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16: Other Information

Current Issue Date: January 23, 2009
Disclaimer: Scholar Chemistry and Columbus Chemical Industries, Inc., ("S&C") believes that the information herein is factual but is not intended to be all inclusive. The information relates only to the specific material designated and does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because S&C has no continuing control over the material, those handling, storing or using the material should satisfy themselves that they have current information regarding the particular way the material is handled, stored or used and that the same is done in accordance with federal, state and local law. ***S&C makes no warranty, expressed or implied, including (without limitation) warranties with respect to the completeness or continuing accuracy of the information contained herein or with respect to fitness for any particular use.***

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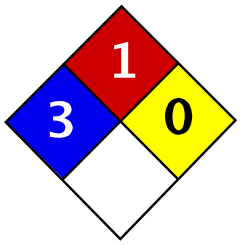

Health	3
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Cadmium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Cadmium

Catalog Codes: SLC3484, SLC5272, SLC2482

CAS#: 7440-43-9

RTECS: EU9800000

TSCA: TSCA 8(b) inventory: Cadmium

CI#: Not applicable.

Synonym:

Chemical Name: Cadmium

Chemical Formula: Cd

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Cadmium	7440-43-9	100

Toxicological Data on Ingredients: Cadmium: ORAL (LD50): Acute: 2330 mg/kg [Rat.]. 890 mg/kg [Mouse]. DUST (LC50): Acute: 50 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant). Severe over-exposure can result in death.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
The substance is toxic to kidneys, lungs, liver.
Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact: No known effect on eye contact, rinse with water for a few minutes.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 570°C (1058°F)

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances:
Non-flammable in presence of open flames and sparks, of heat, of oxidizing materials, of reducing materials, of combustible materials, of moisture.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Material in powder form, capable of creating a dust explosion. When heated to decomposition it emits toxic fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.01 (ppm)
Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Lustrous solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 112.4 g/mole

Color: Silvery.

pH (1% soln/water): Not applicable.

Boiling Point: 765°C (1409°F)

Melting Point: 320.9°C (609.6°F)

Critical Temperature: Not available.

Specific Gravity: 8.64 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not considered to be corrosive for metals and glass.

Special Remarks on Reactivity: Reacts violently with potassium.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE.
Acute oral toxicity (LD50): 890 mg/kg [Mouse].
Acute toxicity of the dust (LC50): 229.9 mg/m3 4 hour(s) [Rat].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP.
The substance is toxic to kidneys, lungs, liver.

Other Toxic Effects on Humans:
Hazardous in case of ingestion, of inhalation.
Slightly hazardous in case of skin contact (irritant, sensitizer).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: An allergen. 0047 Animal: embryotoxic, passes through the placental barrier.

Special Remarks on other Toxic Effects on Humans: May cause allergic reactions, exzema and/or dehydration of the skin.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification:

Identification:

Special Provisions for Transport:

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Cadmium
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Cadmium
Pennsylvania RTK: Cadmium
Massachusetts RTK: Cadmium
TSCA 8(b) inventory: Cadmium
SARA 313 toxic chemical notification and release reporting: Cadmium
CERCLA: Hazardous substances.: Cadmium

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC).
CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R26- Very toxic by inhalation.
R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves.
Lab coat.
Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.
Safety glasses.

Section 16: Other Information

References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987.
-Liste des produits purs tératogènes, mutagènes, cancérogènes. Répertoire toxicologique de la Commission de la Santé et de la Sécurité du Travail du Québec.
-Material safety data sheet emitted by: la Commission de la Santé et de la Sécurité du Travail du Québec.
-SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984.
-The Sigma-Aldrich Library of Chemical Safety Data, Edition II.
-Guide de la loi et du règlement sur le transport des marchandises dangeureuses au canada. Centre de conformité internatinal Ltée. 1986.

Other Special Considerations: Not available.

Created: 10/09/2005 04:29 PM

Last Updated: 11/06/2008 12:00 PM

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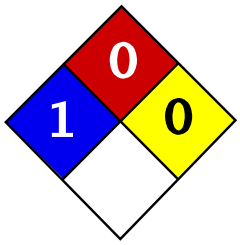

Health	1
Fire	0
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Lead MSDS

Section 1: Chemical Product and Company Identification

Product Name: Lead

Catalog Codes: SLL1291, SLL1669, SLL1081, SLL1459, SLL1834

CAS#: 7439-92-1

RTECS: OF7525000

TSCA: TSCA 8(b) inventory: Lead

CI#: Not available.

Synonym: Lead Metal, granular; Lead Metal, foil; Lead Metal, sheet; Lead Metal, shot

Chemical Name: Lead

Chemical Formula: Pb

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

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International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Lead	7439-92-1	100

Toxicological Data on Ingredients: Lead LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
Slightly hazardous in case of skin contact (permeator).
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
The substance may be toxic to blood, kidneys, central nervous system (CNS).
Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Non-flammable in presence of open flames and sparks, of shocks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: When heated to decomposition it emits highly toxic fumes of lead.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not

present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.05 (mg/m3) from ACGIH (TLV) [United States]
TWA: 0.05 (mg/m3) from OSHA (PEL) [United States]
TWA: 0.03 (mg/m3) from NIOSH [United States]
TWA: 0.05 (mg/m3) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Metal solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 207.21 g/mole

Color: Bluish-white. Silvery. Gray

pH (1% soln/water): Not applicable.

Boiling Point: 1740°C (3164°F)

Melting Point: 327.43°C (621.4°F)

Critical Temperature: Not available.

Specific Gravity: 11.3 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials, excess heat

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Can react vigorously with oxidizing materials.
Incompatible with sodium carbide, chlorine trifluoride, trioxane + hydrogen peroxide, ammonium nitrate, sodium azide, disodium acetylide, sodium acetylide, hot concentrated nitric acid, hot concentrated hydrochloric acid, hot concentrated sulfuric acid, zirconium.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available.
LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC.
May cause damage to the following organs: blood, kidneys, central nervous system (CNS).

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:
Acute Potential:
Skin:
Lead metal granules or dust: May cause skin irritation by mechanical action.
Lead metal foil, shot or sheets: Not likely to cause skin irritation
Eyes:
Lead metal granules or dust: Can irritate eyes by mechanical action.

Lead metal foil, shot or sheets: No hazard. Will not cause eye irritation.
Inhalation:
In an industrial setting, exposure to lead mainly occurs from inhalation of dust or fumes.
Lead dust or fumes: Can irritate the upper respiratory tract (nose, throat) as well as the bronchi and lungsby mechanical action. Lead dust can be absorbed through the respiratory system. However, inhaled lead does not accumulate in the lungs. All of an inhaled dose is eventually abssorbed or transferred to the gastrointestinal tract. Inhalation effects of exposure to fumes or dust of inorganic lead may not develop quickly. Symptoms may include metallic taste, chest pain, decreased physical fitness, fatigue, sleep disturbance, headache, irritability, reduces memory, mood and personality changes, aching bones and muscles, constipation, abdominal pains, decreasing appetite. Inhalation of large amounts may lead to ataxia, deliriuim, convulsions/seizures, coma, and death.
Lead metal foil, shot, or sheets: Not an inhalation hazard unless metal is heated. If metal is heated, fumes will be released. Inhalation of these fumes may cause "fume metal fever", which is characterized by flu-like symptoms. Symptoms may include metallic taste, fever, nausea, vomiting, chills, cough, weakness, chest pain, generalized muscle pain/aches, and increased white blood cell count.
Ingestion:
Lead metal granules or dust: The symptoms of lead poisoning include abdominal pain or cramps (lead cholic), spasms, nausea, vomiting, headache, muscle weakness, hallucinations, distorted perceptions, "lead line" on the gums, metallic taste, loss of appetite, insomnia, dizziness and other symptoms similar to that of inhalation. Acute poisoning may result in high lead levels in the blood and urine, shock, coma and death in extreme cases.
Lead metal foil, shot or sheets: Not an ingestion hazard for usual industrial handling.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Lead
California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Lead
California prop. 65: This product contains the following ingredients for which the State of California has found to

cause reproductive harm (male) which would require a warning under the statute: Lead
California prop. 65 (no significant risk level): Lead: 0.0005 mg/day (value)
California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Lead
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Lead
Connecticut hazardous material survey.: Lead
Illinois toxic substances disclosure to employee act: Lead
Illinois chemical safety act: Lead
New York release reporting list: Lead
Rhode Island RTK hazardous substances: Lead
Pennsylvania RTK: Lead

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R20/22- Harmful by inhalation and if swallowed.
R33- Danger of cumulative effects.
R61- May cause harm to the unborn child.
R62- Possible risk of impaired fertility.
S36/37- Wear suitable protective clothing and gloves.
S44- If you feel unwell, seek medical advice (show the label when possible).
S53- Avoid exposure - obtain special instructions before use.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves.
Lab coat.
Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 08:21 PM

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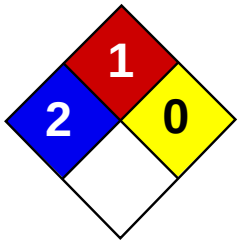

Health	2
Fire	1
Reactivity	0
Personal Protection	H

Material Safety Data Sheet
1,1,1-Trichloroethane MSDS

Section 1: Chemical Product and Company Identification

Product Name: 1,1,1-Trichloroethane

Catalog Codes: SLT4180, SLT2167, SLT3460

CAS#: 71-55-6

RTECS: KJ2975000

TSCA: TSCA 8(b) inventory: 1,1,1-Trichloroethane

CI#: Not available.

Synonym:

Chemical Formula: CH3CCl3

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
{1,1,1-}Trichloroethane	71-55-6	100

Toxicological Data on Ingredients: 1,1,1-Trichloroethane: ORAL (LD50): Acute: 9600 mg/kg [Rat]. 6000 mg/kg [Mouse]. DERMAL (LD50): Acute: 15800 mg/kg [Rabbit]. VAPOR (LC50): Acute: 18000 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of eye contact (irritant), of ingestion. Hazardous in case of skin contact (irritant, permeator), of inhalation. Inflammation of the eye is characterized by redness, watering, and itching.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to lungs, the nervous system, liver, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 537°C (998.6°F)

Flash Points: Not available.

Flammable Limits: LOWER: 7.5% UPPER: 12.5%

Products of Combustion: These products are carbon oxides (CO, CO2), halogenated compounds.

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of oxidizing materials, of acids, of alkalis.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive to explosive in presence of oxidizing materials, of acids, of alkalis.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 350 STEL: 440 CEIL: 440 (ppm) from ACGIH (TLV) [1995] TWA: 1900 STEL: 2460 CEIL: 2380 (mg/m3) from ACGIH [1995]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 133.41 g/mole

Color: Not available.

pH (1% soln/water): Not available.

Boiling Point: 74.1°C (165.4°F)

Melting Point: -32.5°C (-26.5°F)

Critical Temperature: Not available.

Specific Gravity: 1.3376 (Water = 1)

Vapor Pressure: 100 mm of Hg (@ 20°C)

Vapor Density: 4.6 (Air = 1)

Volatility: Not available.

Odor Threshold: 400 ppm

Water/Oil Dist. Coeff.: The product is equally soluble in oil and water; log(oil/water) = 0

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 6000 mg/kg [Mouse]. Acute dermal toxicity (LD50): 15800 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 18000 ppm 4 hour(s) [Rat].

Chronic Effects on Humans: The substance is toxic to lungs, the nervous system, liver, mucous membranes.

Other Toxic Effects on Humans:
Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant, permeator), of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Detected in maternal milk in human.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : 1,1,1-Trichloroethane : UN2831 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
Pennsylvania RTK: 1,1,1-Trichloroethane Massachusetts RTK: 1,1,1-Trichloroethane TSCA 8(b) inventory: 1,1,1-Trichloroethane SARA 313 toxic chemical notification and release reporting: 1,1,1-Trichloroethane CERCLA: Hazardous substances.: 1,1,1-Trichloroethane

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada): CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC).

DSCL (EEC):
R38- Irritating to skin. R41- Risk of serious damage to eyes.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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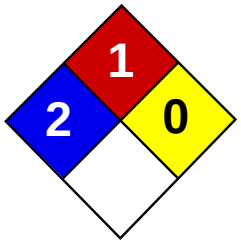

Health	2
Fire	1
Reactivity	0
Personal Protection	H

Material Safety Data Sheet
Trichloroethylene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Trichloroethylene

Catalog Codes: SLT3310, SLT2590

CAS#: 79-01-6

RTECS: KX4560000

TSCA: TSCA 8(b) inventory: Trichloroethylene

CI#: Not available.

Synonym:

Chemical Formula: C2HCl3

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Trichloroethylene	79-01-6	100

Toxicological Data on Ingredients: Trichloroethylene: ORAL (LD50): Acute: 5650 mg/kg [Rat]. 2402 mg/kg [Mouse]. DERMAL (LD50): Acute: 20001 mg/kg [Rabbit].

Section 3: Hazards Identification

Potential Acute Health Effects: Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified + (PROVEN) by OSHA. Classified A5 (Not suspected for human.) by ACGIH. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, the nervous system, liver, heart, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 420°C (788°F)

Flash Points: Not available.

Flammable Limits: LOWER: 8% UPPER: 10.5%

Products of Combustion: These products are carbon oxides (CO, CO2), halogenated compounds.

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/

spray. Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Carcinogenic, teratogenic or mutagenic materials should be stored in a separate locked safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:
Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 50 STEL: 200 (ppm) from ACGIH (TLV) TWA: 269 STEL: 1070 (mg/m3) from ACGIH Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 131.39 g/mole

Color: Clear Colorless.

pH (1% soln/water): Not available.

Boiling Point: 86.7°C (188.1°F)

Melting Point: -87.1°C (-124.8°F)

Critical Temperature: Not available.

Specific Gravity: 1.4649 (Water = 1)

Vapor Pressure: 58 mm of Hg (@ 20°C)

Vapor Density: 4.53 (Air = 1)

Volatility: Not available.

Odor Threshold: 20 ppm

Water/Oil Dist. Coeff.: The product is equally soluble in oil and water; log(oil/water) = 0

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, methanol, diethyl ether, acetone.

Solubility:
Easily soluble in methanol, diethyl ether, acetone. Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity:
Extremely corrosive in presence of aluminum. Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
Acute oral toxicity (LD50): 2402 mg/kg [Mouse]. Acute dermal toxicity (LD50): 20001 mg/kg [Rabbit].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified + (PROVEN) by OSHA. Classified A5 (Not suspected for human.) by ACGIH. The substance is toxic to kidneys, the nervous system, liver, heart, upper respiratory tract.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Passes through the placental barrier in human. Detected in maternal milk in human.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : Trichloroethylene : UN1710 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Trichloroethylene California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Trichloroethylene Pennsylvania RTK: Trichloroethylene Florida: Trichloroethylene Minnesota: Trichloroethylene Massachusetts RTK: Trichloroethylene New Jersey: Trichloroethylene TSCA 8(b) inventory: Trichloroethylene CERCLA: Hazardous substances.: Trichloroethylene

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC). CLASS D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC):
R36/38- Irritating to eyes and skin. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 08:54 PM

Last Updated: 11/01/2010 12:00 PM

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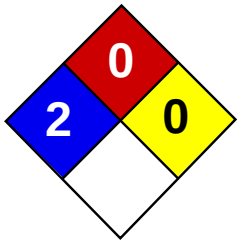

Health	2
Fire	0
Reactivity	0
Personal Protection	G

Material Safety Data Sheet
Tetrachloroethylene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Tetrachloroethylene

Catalog Codes: SLT3220

CAS#: 127-18-4

RTECS: KX3850000

TSCA: TSCA 8(b) inventory: Tetrachloroethylene

CI#: Not available.

Synonym: Perchloroethylene; 1,1,2,2-Tetrachloroethylene; Carbon bichloride; Carbon dichloride; Ankilostin; Didakene; Dilatin PT; Ethene, tetrachloro-; Ethylene tetrachloride; Perawin; Perchlor; Perclene; Perclene D; Percosolvel; Tetrachloroethene; Tetraleno; Tetralex; Tetravec; Tetroguer; Tetropil

Chemical Name: Ethylene, tetrachloro-

Chemical Formula: C2-Cl4

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Tetrachloroethylene	127-18-4	100

Toxicological Data on Ingredients: Tetrachloroethylene: ORAL (LD50): Acute: 2629 mg/kg [Rat]. DERMAL (LD): Acute: >3228 mg/kg [Rabbit]. MIST(LC50): Acute: 34200 mg/m 8 hours [Rat]. VAPOR (LC50): Acute: 5200 ppm 4 hours [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator), of eye contact (irritant), of ingestion.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH. Classified 2A (Probable for human.) by IARC, 2 (anticipated carcinogen) by NTP. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to kidneys, liver, peripheral nervous system, respiratory tract, skin, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact:
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:
Absorb with an inert material and put the spilled material in an appropriate waste disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Do not ingest. Do not breathe gas/fumes/ vapor/spray. Avoid contact with skin. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, metals, acids, alkalis.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Personal Protection:
Safety glasses. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 25 (ppm) from OSHA (PEL) [United States] TWA: 25 STEL: 100 (ppm) from ACGIH (TLV) [United States] TWA: 170 (mg/m3) from OSHA (PEL) [United States] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Ethereal.

Taste: Not available.

Molecular Weight: 165.83 g/mole

Color: Clear Colorless.

pH (1% soln/water): Not available.

Boiling Point: 121.3°C (250.3°F)

Melting Point: -22.3°C (-8.1°F)

Critical Temperature: 347.1°C (656.8°F)

Specific Gravity: 1.6227 (Water = 1)

Vapor Pressure: 1.7 kPa (@ 20°C)

Vapor Density: 5.7 (Air = 1)

Volatility: Not available.

Odor Threshold: 5 - 50 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 3.4

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:
Miscible with alcohol, ether, chloroform, benzene, hexane. It dissolves in most of the fixed and volatile oils. Solubility in water: 0.015 g/100 ml @ 25 deg. C It slowly decomposes in water to yield Trichloroacetic and Hydrochloric acids.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents, metals, acids, alkalis.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Oxidized by strong oxidizing agents. Incompatible with sodium hydroxide, finely divided or powdered metals such as zinc, aluminum, magnesium, potassium, chemically active metals such as lithium, beryllium , barium. Protect from light.

Special Remarks on Corrosivity: Slowly corrodes aluminum, iron, and zinc.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 2629 mg/kg [Rat]. Acute dermal toxicity (LD50): >3228 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 5200 4 hours [Mouse].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH. Classified 2A (Probable for human.) by IARC, 2 (Some evidence.) by NTP. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. May cause damage to the following organs: kidneys, liver, peripheral nervous system, upper respiratory tract, skin, central nervous system (CNS).

Other Toxic Effects on Humans:
Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator), of ingestion.

Special Remarks on Toxicity to Animals:
Lowest Publishe Lethal Dose/Conc: LDL [Rabbit] - Route: Oral; Dose: 5000 mg/kg LDL [Dog] - Route: Oral; Dose: 4000 mg/kg LDL [Cat] - Route: Oral; Dose: 4000 mg/kg

Special Remarks on Chronic Effects on Humans:
May cause adverse reproductive effects and birth defects(teratogenic). May affect genetic material (mutagenic). May cause cancer.

Special Remarks on other Toxic Effects on Humans:
Acute Potential Health Effects: Skin: Causes skin irritation with possible dermal blistering or burns. Symtoms may include redness, itching, pain, and possible dermal blistering or burns. It may be absorbed through the skin with possible systemic effects. A single prolonged skin exposure is not likely to result in the material being absorbed in harmful amounts. Eyes: Contact causes transient eye irritation, lacrimation. Vapors cause eye/conjunctival irritation. Symptoms may include redness and pain. Inhalation: The main route to occupational exposure is by inhalation since it is readily absorbed through the lungs. It causes respiratory tract irritation, . It can affect behavior/central nervous system (CNS depressant and anesthesia ranging from slight inebriation to death, vertigo, somnolence, anxiety, headache, excitement, hallucinations, muscle incoordination, dizziness, lightheadness, disorentiation, seizures, enotional instability, stupor, coma). It may cause pulmonary edema Ingestion: It can cause nausea, vomiting, anorexia, diarrhea, bloody stool. It may affect the liver, urinary system (proteinuria, hematuria, renal failure, renal tubular disorder), heart (arrhythmias). It may affect behavior/central nervous system with symptoms similar to that of inhalation. Chronic Potential Health Effects: Skin: Prolonged or repeated skin contact may result in excessive drying of the skin, and irritation. Ingestion/Inhalation: Chronic exposure can affect the liver(hepatitis,fatty liver degeneration), kidneys, spleen, and heart (irregular heartbeat/arrhythmias, cardiomyopathy, abnormal EEG), brain, behavior/ central nervous system/peripheral nervous system (impaired memory, numbness of extremeties, peripheral neuropathy and other

Section 12: Ecological Information

Ecotoxicity:
Ecotoxicity in water (LC50): 18.4 mg/l 96 hours [Fish (Fatthead Minnow)]. 18 mg/l 48 hours [Daphnia (daphnia)]. 5 mg/l 96 hours [Fish (Rainbow Trout)]. 13 mg/l 96 hours [Fish (Bluegill sunfish)].

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : Tetrachloroethylene UNNA: 1897 PG: III

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Tetrachloroethylene California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Tetrachloroethylene Connecticut hazardous material survey.: Tetrachloroethylene Illinois toxic substances disclosure to employee act: Tetrachloroethylene Illinois chemical safety act: Tetrachloroethylene New York release reporting list: Tetrachloroethylene Rhode Island RTK hazardous substances: Tetrachloroethylene Pennsylvania RTK: Tetrachloroethylene Minnesota: Tetrachloroethylene Michigan critical material: Tetrachloroethylene Massachusetts RTK: Tetrachloroethylene Massachusetts spill list: Tetrachloroethylene New Jersey: Tetrachloroethylene New Jersey spill list: Tetrachloroethylene Louisiana spill reporting: Tetrachloroethylene California Director's List of Hazardous Substances: Tetrachloroethylene TSCA 8(b) inventory: Tetrachloroethylene TSCA 8(d) H and S data reporting: Tetrachloroethylene: Effective date: 6/1/87; Sunset date: 6/1/97 SARA 313 toxic chemical notification and release reporting: Tetrachloroethylene CERCLA: Hazardous substances.: Tetrachloroethylene: 100 lbs. (45.36 kg)

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):
CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R40- Possible risks of irreversible effects. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. S23- Do not breathe gas/fumes/vapour/spray S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37- Wear suitable gloves. S61- Avoid release to the environment. Refer to special instructions/Safety data sheets.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 0

Reactivity: 0

Personal Protection: g

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 08:29 PM

Last Updated: 11/01/2010 12:00 PM

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SAFETY DATA SHEET

Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 and Annex II

BCR-138: dibenzo[a,h]anthracene

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:

Product name: BCR-138: dibenzo[a,h]anthracene

CAS number	53-70-3
EC index number	601-041-00-2
EINECS number	200-181-8
RTECS number	HN2625000
Molecular mass	278.35 g/mol
Formula	C22H14

1.2 Use of the substance/preparation:

Certified reference material for laboratory use only

1.3 Company/undertaking identification:

Institute for Reference Materials and Measurements
Retieseweg
B-2440 Geel
Tel: +32 14 57 12 11
Fax: +32 14 59 04 06
JRC-IRMM-RM-Sales@ec.europa.eu

1.4 Emergency telephone:

Poison Centre: +32 70 245 245

2. Hazards identification

NFPA: -1-0(*)

DSD/DPD

Classified dangerous in accordance with Directives 67/548/EEC and 1999/45/EC

May cause cancer

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Other hazards

Literature reports direct fire hazard

Its dust is explosive with air

Dust cloud can be ignited by a spark

No certainty about human mutagenic properties

Not readily biodegradable in water

CLP

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Carc. 1B	May cause cancer. (H350)
Aquatic Acute 1	Very toxic to aquatic life. (H400)
Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects. (H410)

Other hazards

Literature reports direct fire hazard

Its dust is explosive with air

Dust cloud can be ignited by a spark

No certainty about human mutagenic properties

Not readily biodegradable in water

3. Composition/information on ingredients

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/DPD	Classification according to CLP	Note

dibenz[a,h]anthracene	53-70-3 200-181-8		Carc. Cat. 2; R45 N; R50-53	Carc. 1B; H350 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	

4. First aid measures

4.1 After inhalation:

Remove the victim into fresh air

Respiratory problems: consult a doctor/medical service

4.2 Skin contact:

Wipe off dry product from skin

Wash with water and soap

Take victim to a doctor if irritation persists

4.3 Eye contact:

Rinse with water

Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

Rinse mouth with water

Immediately after ingestion: give lots of water to drink

Do not induce vomiting

Consult a doctor/medical service if you feel unwell

5. Fire-fighting measures

5.1 Suitable extinguishing media:

Alcohol-resistant foam

Polymer foam

ABC powder

Carbon dioxide

Water spray

Polyvalent foam

5.2 Unsuitable extinguishing media:

Solid water jet ineffective as extinguishing medium

5.3 Special exposure hazards:

Heating increases the fire hazard

Dust cloud can be ignited by a spark

Upon combustion CO and CO2 are formed

5.4 Instructions:

Take account of toxic fire-fighting water

Use water moderately and if possible collect or contain it

5.5 Special protective equipment for fire-fighters:

Gloves

Protective clothing

Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:

See heading 8.2

6.2 Environmental precautions:

Dam up the solid spill

Prevent soil and water pollution

Prevent spreading in sewers

See heading 13

6.3 Methods for cleaning up:

Scoop solid spill into closing containers

Carefully collect the spill/leftovers

Clean contaminated surfaces with an excess of water
Take collected spill to manufacturer/competent authority
Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:

Avoid raising dust
Warning! Avoid exposure
Keep away from naked flames/heat
Obtain special instructions before use
Observe strict hygiene
Finely divided: spark- and explosionproof appliances
Keep container tightly closed
Finely divided: keep away from ignition sources/sparks
Do not discharge the waste into the drain

7.2 Storage:

Safe storage requirements:

Store in a cool area
Store in a dry area
Keep container in a well-ventilated place
Keep locked up
Unauthorized persons are not admitted
Meet the legal requirements

Keep away from:

oxidizing agents
(strong) acids

7.3 Specific use(s):

See information supplied by the manufacturer for the identified use(s)

8. Exposure controls/Personal protection

8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods:

Product name	Test	Number	Sampling method	Remarks
Dibenz(a,h)anthracene	OSHA	CSI		
Dibenz(a,h)anthracene (Polynuclear aromatic hydrocarbons)	NIOSH	5506	adsorption tubes	
Dibenz(a,h)anthracene (Polynuclear aromatic hydrocarbons)	NIOSH	5515	adsorption tubes	

8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Measure the concentration in the air regularly
Carry operations in the open/under local exhaust/ventilation or with respiratory protection
Personal protective equipment:

a) Respiratory protection:

Dust production: dust mask with filter type P3

b) Hand protection:

Gloves

c) Eye protection:

Safety glasses
In case of dust production: protective goggles

d) Skin protection:

Protective clothing

8.2.2 Environmental exposure controls:

See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

Physical form	Crystalline solid
	Crystalline powder
Odour	Odourless
Colour	Colourless to light yellow

9.2 Important health, safety and environmental information:

Boiling point	524 °C
Relative density	1.3
Solubility in water	0.00000025 g/100 ml
Solubility in solvents	Soluble in acetone
	Soluble in toluene
	Soluble in xylene
	Soluble in petroleum spirit
	Soluble in glyceroltributyrate
	Soluble in oils/fats
Log Pow	5.97 - 6.84

9.3 Other information:

Melting point	267 °C

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard

heat sources

ignition sources

Stability

Stable under normal conditions

10.2 Materials to avoid:

oxidizing agents

(strong) acids

10.3 Hazardous decomposition products:

Upon combustion CO and CO2 are formed

11. Toxicological information

11.1 Acute toxicity:

No (test)data available.

11.2 Chronic toxicity:

Probably human carcinogenic

Mutagenicity: AMES test positive

Mutagenicity tests: positive

No certainty about human mutagenic properties

Not classified as toxic to reproduction (EC)

BCR-138: dibenzo[a,h]anthracene

EC carc cat	2
Listed in SZW - List of carcinogenic substances	yes
IARC - classification	2A
MAK - Krebserzeugend Kategorie	2
MAK - Keimzellmutagen Kategorie	3A
MAK - Schwangerschaft Gruppe	-
CLP carc cat	category 1B

11.3 Acute effects/symptoms:

Inhalation:

No data available

Skin contact:

No data available

Eye contact:

No data available

Ingestion:

No data available

11.4 Chronic effects:

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:
No specific information available
SIMILAR PRODUCTS CAUSE FOLLOWING SYMPTOMS:
Feeling of weakness
Cracking of the skin
Skin rash/inflammation
Photoallergy
Skin cancer
Lung tissue affection/degeneration
Enlargement/affection of the liver
Affection of the renal tissue

12. Ecological information

12.1 Ecotoxicity:

12.2 Mobility:

Volatile organic compounds (VOC)	0 %
Solubility in/reaction with water	Insoluble in water
	Substance sinks in water
Water physicochemical processes	Forming sediments in water
Soil physicochemical processes	Adsorbs into the soil

12.3 Persistence and degradability:

Water abiotic degradation processes	Ozonation in water

Not readily biodegradable in water
test: t 1/2 > 100 d.

12.4 Bioaccumulative potential:

Log Pow	5.97 - 6.84

12.5 Results of PBT assessment:

Not applicable, based on available data

12.6 Other adverse effects:

Not dangerous for the ozone layer (Council Regulation (EC) no 1005/2009)

13. Disposal considerations

13.1 Provisions relating to waste:

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)
16 05 06* : laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
Depending on branch of industry and production process, also other EURAL codes may be applicable
Hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:

Dissolve or mix with a combustible solvent
Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery
Remove waste in accordance with local and/or national regulations
Do not discharge into surface water (2000/60/EC, Council decision 2455/2001/EC, O.J. L331 of 15/12/2001)

13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)
15 01 10* : packaging containing residues of or contaminated by dangerous substances

14. Transport information

ADR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADR	dibenz[a,h]anthracene
UN number	3077
Class	9
Packing group	III
Hazard identification number	90
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

RID

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name RID	dibenz[a,h]anthracene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

ADNR

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ADNR	dibenz[a,h]anthracene
UN number	3077
Class	9
Packing group	III
Classification code	M7
Labels	9
Environmentally hazardous substance mark	yes

IMO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name IMO	dibenz[a,h]anthracene
UN number	3077
Class	9
Packing group	III
Labels	9
Marine pollutant	P
Environmentally hazardous substance mark	yes

ICAO

Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Techn./chem. name ICAO	dibenz[a,h]anthracene
UN number	3077
Class	9
Packing group	III
Labels	9
Environmentally hazardous substance mark	yes

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Labelling according to Directive 2008/58/EC (30th adaptation of Directive 67/548/EEC)

Dangerous for the environment

R-phrases

45	May cause cancer
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases

53	Avoid exposure - obtain special instructions before use
45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
60	This material and its container must be disposed of as hazardous waste
61	Avoid release to the environment. Refer to special instructions/safety data sheets.

Additional recommendations

	Restricted to professional users. Warning! Avoid exposure - obtain special instructions before use.

CLP

Classification and labelling according to Regulation (EC) No 790/2009, 1st adaptation of Regulation (EC) No 1272/2008 – Annex VI and after evaluation of available test data

Signal word

Dgr	Danger

H-statements

H350	May cause cancer.
H410	Very toxic to aquatic life with long lasting effects.

P-statements

P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.
P273	Avoid release to the environment.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P391	Collect spillage.
P405	Store locked up.

Supplemental information

	Restricted to professional users. Warning! Avoid exposure - obtain special instructions before use.

15.2 National provisions:

15.3 Specific community rules:

Enumerated in Annex XVII of Regulation (EC) No. 1907/2006: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

Legislation	Reference legislation
EC/552/2009	See column 1: 28.
EC/552/2009	See column 1: 50. h)

16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.

(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive
DPD Dangerous Preparation Directive
CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R45	May cause cancer
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of any H-statements referred to under headings 2 and 3:

H350	May cause cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Full text of any classes referred to under headings 2 and 3:

Aquatic Acute	Hazardous to the aquatic environment - acute
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Carc.	Carcinogenicity

APPENDIX B

Soil Boring Geologic Logs

Sampling Logs

Boring ID	Location	Depth of Boring	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
B-1	Northwestern portion of property	(0-5')	Brown sandy fill, with brick, and asphalt ,inclusions Brown sandy fill	No	0.5 ppm	No evidence of contamination
		(5'-10')	brown sandy fill, with rock inclusions		0.0 ppm	
		(10'-14.5')	Sand (mixture of colors) Tan, goldish brown and white		0.0 ppm	
		(14.5'-15')	Sandy- burnt brown in color		0.0 ppm	
		(15')	Light tan clay		0.0 ppm	
B-2	North-central portion of property	(0-5')	Brown sandy fill, with brick and asphalt inclusions and brown and white sands below	No	0.0 ppm	No evidence of contamination
		(5-10")	Tan sandy fill with small rock inclusions			
		(10-15')	Tan sandy fill and sandy loam below			
B-3	North-east portion of property	(0-6')	Asphalt	No	0.5 ppm	No evidence of contamination
		(6"-1.5')	brown sandy fill		0.0 ppm	
		(1.5'-2')	Concrete		0.0 ppm	
		(2'-9')	Sandy fill. Refusal at 9'		0.0 ppm	
B-4	North-central portion of property	(0-5')	Asphalt and brick inclusions	No	0.0 ppm	No evidence of contamination
		(5-10")	Sand			
		(10-15')	Sand and brick inclusions			

Boring ID	Location	Depth of Boring	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
B-5	Central portion of property	(0-2') (5-10') (10-15')	Asphalt. Below asphalt is sandy with wood and medium size rock inclusions Sand Brownish sand	No	0.0 ppm	No evidence of contamination
B-6	South-western portion of property	(0-5') (5-10") (10-15')	Asphalt. Below the asphalt is medium rocks, loamy clay and red brick inclusions Brownish-gold sandy fill, with a silver sand and rock layer Brownish –gold sand with brick. Beneath this, sand with multiple colors of brown	No	0.0 ppm	No evidence of contamination
B-7	South-central portion of property	(2-4') (5-8")	Brown sandy fill, with brick Native sand	No	0.0 ppm	No evidence of contamination
B-8	Southeastern portion of property	(0-4') (5-10') (10-15')	Brown sandy fill and gray stones Sand Medium rocks and sand	No	0.0 ppm	No evidence of contamination

APPENDIX C

Sampling Logs

EXAMPLE (Minimum Requirements)

Well PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) 4, 6, 8, 10&12 Gouverneur Place
Well Number MW-1 Date June 22, 2011
Field Personnel Melissa Pentz
Sampling Organization Ecosystems Strategies, Inc.
Identify MP

Depth to (below MP) 10 (top) / 20 (bottom) of screen
Pump Intake at (ft. below MP) 19
Purging Device; (pump type) peristaltic

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments
	16.50										lots of silt, poor recharge

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25 °C.
3. Oxidation reduction potential (stand in for Eh).

EXAMPLE (Minimum Requirements)
Well PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) 4, 6, 8, 10&12 Gouverneur Place
Well Number MW-2 Date June 22, 2011
Field Personnel Melissa Pentz
Sampling Organization Ecosystems Strategies, Inc.
Identify MP

Depth to (below MP) 10 (top) / 20 (bottom) of screen
Pump Intake at (ft. below MP) 19
Purging Device; (pump type) peristaltic

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments
14:34	20.9		100		17.23	1.51	8.18	134	6.78	30.9	
14:41	20.9				16.15	1.51	7.20	188	5.17	11.1	
14:44	20.9				15.74	1.54	7.03	194	4.19	0.7	
14:47	20.9				15.69	1.55	7.03	191	3.92	0.0	
14:50	20.9				15.81	1.56	7.03	189	4.01	0.0	
14:53	20.9			45.42	15.79	1.56	7.03	188	3.75	0.0	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25 °C.
3. Oxidation reduction potential (stand in for Eh).

EXAMPLE (Minimum Requirements)

Well PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name) 4, 6, 8, 10&12 Gouverneur Place
Well Number MW-3 Date June 22, 2011
Field Personnel Melissa Pentz
Sampling Organization Ecosystems Strategies, Inc.
Identify MP

Depth to _____/_____ of screen
(below MP) top bottom
Pump Intake at (ft. below MP) 19
Purging Device; (pump type) peristaltic

Clock Time 24 HR	Water Depth below MP ft	Pump Dial[1]	Purge Rate ml/min	Cum. Volume Purged liters	Temp. °C	Spec. Cond.[2] µS/cm	pH	ORP/ Eh[3] mv	DO mg/L	Turb-idity NTU	Comments
15:33	19.90		100		18.03	1.49	7.38	189	8.35	42.8	
15:36	19.90		100		17.53	1.48	7.27	192	7.13	8.8	
15:39	19.90		100		17.24	1.49	7.20	188	6.72	3.8	
15:42	19.90		100		17.16	1.48	7.28	185	6.89	3.2	
15:45	19.90		100	90.85	17.13	1.48	7.28	184	6.83	2.9	

1. Pump dial setting (for example: hertz, cycles/min, etc).
2. µSiemens per cm(same as µmhos/cm)at 25 °C.
3. Oxidation reduction potential (stand in for Eh).

APPENDIX D

Laboratory Data Deliverables for Soil Analytical Data

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Kim Punchar

Report Date: 06/03/2011
Client Project ID: WB08037.50
York Project (SDG) No.: 11E0824

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

Report Date: 06/03/2011
Client Project ID: WB08037.50
York Project (SDG) No.: 11E0824

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Kim Punchar

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 May 26, 2011 and listed below. The project was identified as your project: **WB08037.50**.

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
11E0824-01	B-1 15'	Soil	05/24/2011	05/26/2011
11E0824-02	B-6 0-2'	Soil	05/24/2011	05/26/2011
11E0824-03	B-6 15'	Soil	05/24/2011	05/26/2011
11E0824-04	B-8 0-2'	Soil	05/24/2011	05/26/2011
11E0824-05	B-8 15'	Soil	05/24/2011	05/26/2011
11E0824-06	B-4 0-2'	Soil	05/24/2011	05/26/2011
11E0824-07	B-4 15'	Soil	05/24/2011	05/26/2011
11E0824-08	B-2 0-2'	Soil	05/25/2011	05/26/2011
11E0824-09	B-2 15'	Soil	05/25/2011	05/26/2011
11E0824-10	B-3 0-2'	Soil	05/24/2011	05/26/2011
11E0824-11	B-3	Soil	05/24/2011	05/26/2011
11E0824-12	B-7 0-2'	Soil	05/24/2011	05/26/2011
11E0824-13	B-7 8'	Soil	05/24/2011	05/26/2011
11E0824-14	B-1 0-2'	Soil	05/24/2011	05/26/2011
11E0824-15	B-5 0-2'	Soil	05/24/2011	05/26/2011
11E0824-16	B-5 15'	Soil	05/25/2011	05/26/2011

General Notes for York Project (SDG) No.: 11E0824

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:** 06/03/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-1 15'** **York Sample ID:** **11E0824-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/02/2011 07:30	06/02/2011 07:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	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	06/02/2011 07:30	06/02/2011 07:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.98	25	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	25	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	25	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.58	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.98	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
71-43-2	Benzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
67-66-3	Chloroform	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-1 15'** **York Sample ID:** **11E0824-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	2.4	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
75-09-2	**Methylene chloride**	**29**	B	ug/kg dry	2.8	25	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	25	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.85	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	25	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.66	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
108-88-3	Toluene	ND		ug/kg dry	0.61	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.8	37	2	EPA SW846-8260B	06/02/2011 07:30	06/02/2011 07:30	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-1 15'

York Sample ID: 11E0824-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	112	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	89.6	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	97.5	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	70.2	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	55.7	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	100	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	83.6	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	65.7	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	172	409	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	89.6	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	97.5	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	62.5	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	119	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	71.3	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	75.3	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	70.2	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	51.6	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	74.2	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	155	409	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	85.4	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	22.1	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	80.9	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	59.0	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	92.1	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	68.0	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	74.1	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
83-32-9	Acenaphthene	ND		ug/kg dry	119	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	57.4	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
62-53-3	Aniline	ND		ug/kg dry	73.7	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
120-12-7	Anthracene	ND		ug/kg dry	50.8	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	79.2	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	53.4	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	77.9	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	61.5	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	79.3	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-1 15'

York Sample ID: 11E0824-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	66.3	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	85.4	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	75.5	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	69.5	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	76.1	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	68.6	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
218-01-9	Chrysene	ND		ug/kg dry	82.5	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.7	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	66.1	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	107	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	59.0	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	61.2	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	92.1	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
206-44-0	Fluoranthene	ND		ug/kg dry	119	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
86-73-7	Fluorene	ND		ug/kg dry	57.4	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	33.4	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	81.9	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	152	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	73.7	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	75.5	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
78-59-1	Isophorone	ND		ug/kg dry	76.1	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
91-20-3	Naphthalene	ND		ug/kg dry	61.2	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	92.1	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	74.1	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.4	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	119	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	57.4	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
85-01-8	Phenanthrene	ND		ug/kg dry	75.5	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
108-95-2	Phenol	ND		ug/kg dry	81.9	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
129-00-0	Pyrene	ND		ug/kg dry	73.5	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD
110-86-1	Pyridine	ND		ug/kg dry	80.0	205	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:13	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-1 15'

York Sample ID: 11E0824-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

Pesticides/PCBs, EPA TCL 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	1.81	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.32	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
309-00-2	Aldrin	ND		ug/kg dry	2.59	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.06	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	9.70	20.9	1	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:30	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	9.70	20.9	1	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:30	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	9.70	20.9	1	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:30	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	9.70	20.9	1	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:30	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	9.70	20.9	1	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:30	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	8.35	20.9	1	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:30	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	8.35	20.9	1	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:30	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.55	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
57-74-9	Chlordane, total	ND		ug/kg dry	1.62	1.62	1	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:30	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.21	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.40	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.48	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.08	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
72-20-8	Endrin	ND		ug/kg dry	2.46	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.73	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.81	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.23	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	4.05	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.5	20.3	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:19	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.35	20.9	1	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:30	JW
8001-35-2	Toxaphene	ND		ug/kg dry	40.5	40.5	1	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:30	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-1 15'

York Sample ID: 11E0824-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**11900**		mg/kg dry	1.55	2.46	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-36-0	Antimony	ND		mg/kg dry	0.172	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-38-2	**Arsenic**	**2.01**		mg/kg dry	0.233	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-39-3	**Barium**	**71.3**		mg/kg dry	0.295	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.012	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.160	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-70-2	**Calcium**	**2300**		mg/kg dry	0.053	2.46	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-47-3	**Chromium**	**21.5**		mg/kg dry	0.098	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-48-4	**Cobalt**	**10.6**		mg/kg dry	0.098	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-50-8	**Copper**	**21.0**		mg/kg dry	0.172	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7439-89-6	**Iron**	**20300**		mg/kg dry	0.676	1.23	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7439-92-1	**Lead**	**3.40**		mg/kg dry	0.123	0.369	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7439-95-4	**Magnesium**	**5380**		mg/kg dry	1.01	2.46	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7439-96-5	**Manganese**	**593**		mg/kg dry	0.098	1.23	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-02-0	**Nickel**	**18.9**		mg/kg dry	0.086	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-09-7	**Potassium**	**3660**		mg/kg dry	3.34	12.3	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7782-49-2	**Selenium**	**3.08**		mg/kg dry	0.259	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.111	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-23-5	**Sodium**	**349**		mg/kg dry	8.25	12.3	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-28-0	Thallium	ND		mg/kg dry	0.233	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-62-2	**Vanadium**	**30.9**		mg/kg dry	0.098	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	MW
7440-66-6	**Zinc**	**54.7**		mg/kg dry	0.086	0.614	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:19	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	0.119	0.123	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-1 15' **York Sample ID:** 11E0824-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**81.4**		%	0.100	0.100	1	SM 2540G	06/02/2011 14:26	06/02/2011 14:26	AMC

Sample Information

Client Sample ID: B-6 0-2' **York Sample ID:** 11E0824-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/02/2011 08:05	06/02/2011 08:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	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	06/02/2011 08:05	06/02/2011 08:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.99	25	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	25	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	25	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.59	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.99	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-6 0-2'** **York Sample ID:** **11E0824-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/02/2011 08:05	06/02/2011 08:05	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
75-25-2	Bromoform	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
67-66-3	Chloroform	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.6	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.94	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.0	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
75-09-2	**Methylene chloride**	**32**	B	ug/kg dry	2.8	25	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	25	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.86	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	25	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.67	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
100-42-5	Styrene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
108-88-3	Toluene	ND		ug/kg dry	0.62	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 0-2'

York Sample ID: 11E0824-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/02/2011 08:05	06/02/2011 08:05	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.8	37	2	EPA SW846-8260B	06/02/2011 08:05	06/02/2011 08:05	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	113	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	90.4	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	98.4	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	70.8	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	56.2	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	101	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	84.4	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	66.2	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	173	413	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	90.4	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	98.4	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	63.1	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	120	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	71.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	76.0	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	70.8	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	52.0	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	74.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	156	413	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	86.1	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	22.3	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	81.6	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	59.5	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	92.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	68.6	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	74.7	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
83-32-9	Acenaphthene	ND		ug/kg dry	120	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	57.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 0-2'

York Sample ID: 11E0824-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	74.3	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
120-12-7	Anthracene	ND		ug/kg dry	51.2	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
56-55-3	**Benzo(a)anthracene**	**119**	J	ug/kg dry	79.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
50-32-8	**Benzo(a)pyrene**	**84.7**	J	ug/kg dry	53.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
205-99-2	**Benzo(b)fluoranthene**	**89.2**	J	ug/kg dry	78.6	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	62.1	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
207-08-9	**Benzo(k)fluoranthene**	**108**	J	ug/kg dry	80.0	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	66.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	86.2	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	76.2	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	70.1	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	76.7	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
117-81-7	**Bis(2-ethylhexyl)phthalate**	**118**	J	ug/kg dry	69.2	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
218-01-9	**Chrysene**	**135**	J	ug/kg dry	83.2	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52.2	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	66.7	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	108	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	59.5	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	61.7	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	92.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
206-44-0	**Fluoranthene**	**198**	J	ug/kg dry	120	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
86-73-7	Fluorene	ND		ug/kg dry	57.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	33.7	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	82.6	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	154	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	74.3	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	76.2	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
78-59-1	Isophorone	ND		ug/kg dry	76.7	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
91-20-3	Naphthalene	ND		ug/kg dry	61.7	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	92.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	74.7	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	120	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	57.9	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
85-01-8	**Phenanthrene**	**153**	J	ug/kg dry	76.2	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-6 0-2'** **York Sample ID:** **11E0824-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	82.7	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
129-00-0	**Pyrene**	**230**		ug/kg dry	74.1	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD
110-86-1	Pyridine	ND		ug/kg dry	80.7	207	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 22:45	TD

Pesticides/PCBs, EPA TCL 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	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
72-55-9	**4,4'-DDE**	**7.90**		ug/kg dry	2.34	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
50-29-3	**4,4'-DDT**	**101**		ug/kg dry	1.83	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
309-00-2	Aldrin	ND		ug/kg dry	2.61	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.09	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	97.9	211	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	97.9	211	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	97.9	211	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	97.9	211	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	97.9	211	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	84.3	211	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	84.3	211	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.58	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
57-74-9	Chlordane, total	ND		ug/kg dry	16.4	16.4	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.23	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.42	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.50	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.09	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
72-20-8	Endrin	ND		ug/kg dry	2.48	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.75	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.84	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.26	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	4.09	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.5	20.4	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
1336-36-3	Total PCBs	ND		ug/kg dry	84.3	211	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW
8001-35-2	Toxaphene	ND		ug/kg dry	409	409	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 18:39	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 0-2' **York Sample ID:** 11E0824-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**20400**		mg/kg dry	1.56	2.48	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-36-0	Antimony	ND		mg/kg dry	0.173	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-38-2	**Arsenic**	**6.15**		mg/kg dry	0.235	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-39-3	**Barium**	**502**		mg/kg dry	0.297	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.012	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.161	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-70-2	**Calcium**	**15200**		mg/kg dry	0.054	2.48	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-47-3	**Chromium**	**23.1**		mg/kg dry	0.099	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-48-4	**Cobalt**	**10.5**		mg/kg dry	0.099	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-50-8	**Copper**	**25.4**		mg/kg dry	0.173	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7439-89-6	**Iron**	**23500**		mg/kg dry	0.682	1.24	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7439-92-1	**Lead**	**386**		mg/kg dry	0.124	0.372	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7439-95-4	**Magnesium**	**4520**		mg/kg dry	1.02	2.48	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7439-96-5	**Manganese**	**501**		mg/kg dry	0.099	1.24	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-02-0	**Nickel**	**19.9**		mg/kg dry	0.087	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-09-7	**Potassium**	**1570**		mg/kg dry	3.37	12.4	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7782-49-2	**Selenium**	**2.96**		mg/kg dry	0.261	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-22-4	Silver	ND		mg/kg dry	0.112	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-23-5	**Sodium**	**411**		mg/kg dry	8.33	12.4	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-28-0	Thallium	ND		mg/kg dry	0.235	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-62-2	**Vanadium**	**36.2**		mg/kg dry	0.099	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	MW
7440-66-6	**Zinc**	**362**		mg/kg dry	0.087	0.620	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:24	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	0.120	0.124	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 0-2' **York Sample ID:** 11E0824-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**80.7**		%	0.100	0.100	1	SM 2540G	06/02/2011 14:26	06/02/2011 14:26	AMC

Sample Information

Client Sample ID: B-6 15' **York Sample ID:** 11E0824-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/02/2011 08:40	06/02/2011 08:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	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	06/02/2011 08:40	06/02/2011 08:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.7	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.0	26	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	26	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.6	26	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.61	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.0	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-6 15'** **York Sample ID:** **11E0824-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
75-25-2	Bromoform	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.4	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.97	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
67-66-3	Chloroform	ND		ug/kg dry	0.99	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.97	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.7	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.97	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.1	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.0	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
75-09-2	**Methylene chloride**	**32**	B	ug/kg dry	2.9	26	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.4	26	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.88	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	26	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.69	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
100-42-5	Styrene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
108-88-3	Toluene	ND		ug/kg dry	0.64	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 15'

York Sample ID: 11E0824-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	2.5	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.9	38	2	EPA SW846-8260B	06/02/2011 08:40	06/02/2011 08:40	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	116	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	93.3	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	102	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	73.1	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	58.0	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	104	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	87.1	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	68.3	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	179	426	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	93.3	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	102	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	65.1	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	124	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	74.2	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	78.4	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	73.1	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	53.7	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	77.3	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	161	426	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	88.9	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	23.0	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	84.2	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	61.4	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	95.9	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	70.8	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	77.1	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
83-32-9	Acenaphthene	ND		ug/kg dry	123	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	59.7	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 15'

York Sample ID: 11E0824-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	76.7	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
120-12-7	Anthracene	ND		ug/kg dry	52.8	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	82.4	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	55.6	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	81.1	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	64.1	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	82.5	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	69.0	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	88.9	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	78.6	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	72.4	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	79.2	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
117-81-7	**Bis(2-ethylhexyl)phthalate**	**79.3**	J	ug/kg dry	71.4	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
218-01-9	Chrysene	ND		ug/kg dry	85.9	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	53.9	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	68.8	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	112	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	61.4	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	63.7	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	95.9	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
206-44-0	Fluoranthene	ND		ug/kg dry	123	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
86-73-7	Fluorene	ND		ug/kg dry	59.7	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	34.7	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	85.3	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	159	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	76.7	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	78.6	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
78-59-1	Isophorone	ND		ug/kg dry	79.2	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
91-20-3	Naphthalene	ND		ug/kg dry	63.7	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	95.9	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	77.1	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	55.6	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	123	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	59.7	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
85-01-8	Phenanthrene	ND		ug/kg dry	78.6	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 15'

York Sample ID: 11E0824-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	85.3	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
129-00-0	Pyrene	ND		ug/kg dry	76.5	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD
110-86-1	Pyridine	ND		ug/kg dry	83.2	213	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:16	TD

Pesticides/PCBs, EPA TCL 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	1.88	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.42	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
309-00-2	Aldrin	ND		ug/kg dry	2.70	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.18	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	101	217	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	101	217	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	101	217	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	101	217	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	101	217	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	86.9	217	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	86.9	217	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.66	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
57-74-9	Chlordane, total	ND		ug/kg dry	16.9	16.9	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.30	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.49	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.05	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.58	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.16	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
72-20-8	Endrin	ND		ug/kg dry	2.56	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.84	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.93	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.36	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	4.22	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.9	21.1	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
1336-36-3	Total PCBs	ND		ug/kg dry	86.9	217	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW
8001-35-2	Toxaphene	ND		ug/kg dry	422	422	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:00	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-6 15'** **York Sample ID:** **11E0824-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**12200**		mg/kg dry	1.61	2.56	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-36-0	Antimony	ND		mg/kg dry	0.179	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-38-2	**Arsenic**	**1.30**		mg/kg dry	0.243	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-39-3	**Barium**	**80.8**		mg/kg dry	0.307	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.013	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.166	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-70-2	**Calcium**	**1660**		mg/kg dry	0.055	2.56	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-47-3	**Chromium**	**21.0**		mg/kg dry	0.102	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-48-4	**Cobalt**	**12.0**		mg/kg dry	0.102	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-50-8	**Copper**	**23.7**		mg/kg dry	0.179	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7439-89-6	**Iron**	**21800**		mg/kg dry	0.703	1.28	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7439-92-1	**Lead**	**2.67**		mg/kg dry	0.128	0.384	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7439-95-4	**Magnesium**	**5810**		mg/kg dry	1.05	2.56	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7439-96-5	**Manganese**	**448**		mg/kg dry	0.102	1.28	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-02-0	**Nickel**	**17.9**		mg/kg dry	0.089	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-09-7	**Potassium**	**3300**		mg/kg dry	3.48	12.8	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7782-49-2	**Selenium**	**3.23**		mg/kg dry	0.270	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-22-4	Silver	ND		mg/kg dry	0.115	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-23-5	**Sodium**	**259**		mg/kg dry	8.59	12.8	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-28-0	Thallium	ND		mg/kg dry	0.243	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-62-2	**Vanadium**	**32.0**		mg/kg dry	0.102	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	MW
7440-66-6	**Zinc**	**54.6**		mg/kg dry	0.089	0.639	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:29	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	0.124	0.128	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-6 15' **York Sample ID:** 11E0824-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**78.2**		%	0.100	0.100	1	SM 2540G	06/02/2011 14:26	06/02/2011 14:26	AMC

Sample Information

Client Sample ID: B-8 0-2' **York Sample ID:** 11E0824-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 02:58	06/03/2011 02:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	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	06/03/2011 02:58	06/03/2011 02:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.87	22	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	22	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	22	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.52	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-8 0-2'** **York Sample ID:** **11E0824-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 02:58	06/03/2011 02:58	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
67-66-3	Chloroform	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.92	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
75-09-2	**Methylene chloride**	**29**	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.76	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.59	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
108-88-3	Toluene	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-8 0-2'

York Sample ID: 11E0824-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 02:58	06/03/2011 02:58	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	06/03/2011 02:58	06/03/2011 02:58	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	99.4	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	79.7	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	86.8	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	62.5	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.6	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	89.1	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	74.4	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	58.4	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	153	364	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	79.7	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	86.8	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	55.6	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	106	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	63.5	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	67.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	62.5	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.9	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	66.1	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	138	364	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	76.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	19.6	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	71.9	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.5	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	82.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	60.5	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	65.9	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
83-32-9	Acenaphthene	ND		ug/kg dry	106	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	51.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-8 0-2'

York Sample ID: 11E0824-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/01/2011 10:32	06/02/2011 23:48	TD
120-12-7	Anthracene	ND		ug/kg dry	45.2	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	70.5	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.5	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	69.3	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	54.8	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	70.5	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	59.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	76.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	67.2	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	61.9	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.7	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	61.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
218-01-9	Chrysene	ND		ug/kg dry	73.4	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	58.8	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	95.6	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.5	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	54.4	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	82.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
206-44-0	Fluoranthene	ND		ug/kg dry	106	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
86-73-7	Fluorene	ND		ug/kg dry	51.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.7	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.9	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	136	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	65.5	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	67.2	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
78-59-1	Isophorone	ND		ug/kg dry	67.7	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
91-20-3	Naphthalene	ND		ug/kg dry	54.4	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	82.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	65.9	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.6	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	106	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.0	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
85-01-8	Phenanthrene	ND		ug/kg dry	67.2	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-8 0-2'** **York Sample ID:** **11E0824-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	72.9	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
129-00-0	Pyrene	ND		ug/kg dry	65.4	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD
110-86-1	Pyridine	ND		ug/kg dry	71.2	182	1	EPA SW-846 8270C	06/01/2011 10:32	06/02/2011 23:48	TD

Pesticides/PCBs, EPA TCL 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	1.61	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.07	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
50-29-3	**4,4'-DDT**	**4.06**		ug/kg dry	1.62	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
309-00-2	Aldrin	ND		ug/kg dry	2.31	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.72	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	86.3	186	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	86.3	186	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	86.3	186	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	86.3	186	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	86.3	186	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	74.3	186	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	74.3	186	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.27	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.4	14.4	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.97	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.13	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.21	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
72-20-8	Endrin	ND		ug/kg dry	2.19	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
7421-93-4	**Endrin aldehyde**	**4.48**		ug/kg dry	2.43	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.58	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.50	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.87	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.58	3.61	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.30	18.0	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
1336-36-3	Total PCBs	ND		ug/kg dry	74.3	186	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW
8001-35-2	Toxaphene	ND		ug/kg dry	361	361	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:22	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-8 0-2'** **York Sample ID:** **11E0824-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**13800**		mg/kg dry	1.38	2.19	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-36-0	Antimony	ND		mg/kg dry	0.153	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-38-2	**Arsenic**	**3.18**		mg/kg dry	0.208	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-39-3	**Barium**	**85.3**		mg/kg dry	0.262	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.142	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-70-2	**Calcium**	**31500**		mg/kg dry	0.047	2.19	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-47-3	**Chromium**	**15.8**		mg/kg dry	0.087	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-48-4	**Cobalt**	**8.32**		mg/kg dry	0.087	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-50-8	**Copper**	**23.9**		mg/kg dry	0.153	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7439-89-6	**Iron**	**18200**		mg/kg dry	0.601	1.09	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7439-92-1	**Lead**	**17.6**		mg/kg dry	0.109	0.328	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7439-95-4	**Magnesium**	**15200**		mg/kg dry	0.896	2.19	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7439-96-5	**Manganese**	**602**		mg/kg dry	0.087	1.09	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-02-0	**Nickel**	**15.2**		mg/kg dry	0.077	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-09-7	**Potassium**	**3290**		mg/kg dry	2.97	10.9	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7782-49-2	**Selenium**	**2.10**		mg/kg dry	0.231	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-22-4	Silver	ND		mg/kg dry	0.098	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-23-5	**Sodium**	**423**		mg/kg dry	7.34	10.9	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-28-0	Thallium	ND		mg/kg dry	0.208	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-62-2	**Vanadium**	**25.1**		mg/kg dry	0.087	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	MW
7440-66-6	**Zinc**	**47.8**		mg/kg dry	0.077	0.546	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:47	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	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-8 0-2' **York Sample ID:** 11E0824-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**91.5**		%	0.100	0.100	1	SM 2540G	06/02/2011 14:26	06/02/2011 14:26	AMC

Sample Information

Client Sample ID: B-8 15' **York Sample ID:** 11E0824-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 03:43	06/03/2011 03:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	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	06/03/2011 03:43	06/03/2011 03:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.99	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.86	21	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	21	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.51	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-8 15'** **York Sample ID:** **11E0824-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 03:43	06/03/2011 03:43	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
75-25-2	Bromoform	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.81	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
67-66-3	Chloroform	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.81	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.81	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.99	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.88	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
75-09-2	**Methylene chloride**	**28**	B	ug/kg dry	2.5	21	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	21	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.74	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	21	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.58	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
100-42-5	Styrene	ND		ug/kg dry	0.99	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
108-88-3	Toluene	ND		ug/kg dry	0.53	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-8 15'

York Sample ID: 11E0824-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	2.1	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.4	32	2	EPA SW846-8260B	06/03/2011 03:43	06/03/2011 03:43	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	97.4	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	78.1	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	85.0	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	61.2	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.6	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	87.3	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	72.9	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	57.3	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	150	357	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	78.1	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	85.0	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	54.5	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	104	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	62.2	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	65.7	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	61.2	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.0	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	64.7	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	135	357	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	74.5	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	19.2	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	70.5	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.5	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	80.3	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	59.3	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	64.6	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
83-32-9	Acenaphthene	ND		ug/kg dry	103	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	50.0	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-8 15'

York Sample ID: 11E0824-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	64.2	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
120-12-7	Anthracene	ND		ug/kg dry	44.3	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	69.1	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.6	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	67.9	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	53.7	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	69.1	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	57.8	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	74.5	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	65.8	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	60.6	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	66.3	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
117-81-7	**Bis(2-ethylhexyl)phthalate**	**103**	J	ug/kg dry	59.8	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
218-01-9	Chrysene	ND		ug/kg dry	72.0	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.1	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	57.6	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	93.7	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.5	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.3	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	80.3	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
206-44-0	Fluoranthene	ND		ug/kg dry	103	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
86-73-7	Fluorene	ND		ug/kg dry	50.0	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.1	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	71.4	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	133	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	64.2	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	65.8	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
78-59-1	Isophorone	ND		ug/kg dry	66.3	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
91-20-3	Naphthalene	ND		ug/kg dry	53.3	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	80.3	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	64.6	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	103	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.0	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
85-01-8	Phenanthrene	ND		ug/kg dry	65.9	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-8 15'

York Sample ID: 11E0824-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	71.4	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
129-00-0	Pyrene	ND		ug/kg dry	64.1	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD
110-86-1	Pyridine	ND		ug/kg dry	69.7	179	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:19	TD

Pesticides/PCBs, EPA TCL 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	1.57	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.02	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.59	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
309-00-2	Aldrin	ND		ug/kg dry	2.26	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.67	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	84.6	182	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	84.6	182	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	84.6	182	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	84.6	182	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	84.6	182	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	72.8	182	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	72.8	182	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.23	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.1	14.1	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.93	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.09	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.71	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.16	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
72-20-8	Endrin	ND		ug/kg dry	2.14	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.38	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.55	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.45	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.82	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.55	3.53	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.12	17.7	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
1336-36-3	Total PCBs	ND		ug/kg dry	72.8	182	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW
8001-35-2	Toxaphene	ND		ug/kg dry	353	353	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 19:42	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-8 15'** **York Sample ID:** **11E0824-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**6260**		mg/kg dry	1.35	2.14	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-36-0	Antimony	ND		mg/kg dry	0.150	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-38-2	**Arsenic**	**0.899**		mg/kg dry	0.204	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-39-3	**Barium**	**26.3**		mg/kg dry	0.257	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.139	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-70-2	**Calcium**	**834**		mg/kg dry	0.046	2.14	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-47-3	**Chromium**	**13.3**		mg/kg dry	0.086	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-48-4	**Cobalt**	**4.41**		mg/kg dry	0.086	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-50-8	**Copper**	**10.1**		mg/kg dry	0.150	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7439-89-6	**Iron**	**9140**		mg/kg dry	0.589	1.07	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7439-92-1	**Lead**	**2.07**		mg/kg dry	0.107	0.321	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7439-95-4	**Magnesium**	**2500**		mg/kg dry	0.878	2.14	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7439-96-5	**Manganese**	**73.4**		mg/kg dry	0.086	1.07	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-02-0	**Nickel**	**8.69**		mg/kg dry	0.075	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-09-7	**Potassium**	**871**		mg/kg dry	2.91	10.7	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7782-49-2	**Selenium**	**1.27**		mg/kg dry	0.226	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-22-4	Silver	ND		mg/kg dry	0.096	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-23-5	**Sodium**	**179**		mg/kg dry	7.20	10.7	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-28-0	Thallium	ND		mg/kg dry	0.204	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-62-2	**Vanadium**	**13.6**		mg/kg dry	0.086	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	MW
7440-66-6	**Zinc**	**22.8**		mg/kg dry	0.075	0.536	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:52	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	0.104	0.107	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-8 15' **York Sample ID:** 11E0824-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**93.4**		%	0.100	0.100	1	SM 2540G	06/02/2011 14:26	06/02/2011 14:26	AMC

Sample Information

Client Sample ID: B-4 0-2' **York Sample ID:** 11E0824-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 04:29	06/03/2011 04:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.90	23	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	23	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-4 0-2'** **York Sample ID:** **11E0824-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 04:29	06/03/2011 04:29	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
67-66-3	Chloroform	ND		ug/kg dry	0.88	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.95	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.92	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
75-09-2	**Methylene chloride**	**34**	B	ug/kg dry	2.6	23	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.78	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	23	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.61	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
108-88-3	Toluene	ND		ug/kg dry	0.56	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 0-2'

York Sample ID: 11E0824-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 04:29	06/03/2011 04:29	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.6	34	2	EPA SW846-8260B	06/03/2011 04:29	06/03/2011 04:29	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	512	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	411	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	447	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	322	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	255	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	459	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	383	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	301	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	788	1880	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	411	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	447	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	287	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	547	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	327	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	345	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	322	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	236	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	340	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	709	1880	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	391	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	101	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	371	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	271	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	422	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	312	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	339	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
83-32-9	Acenaphthene	ND		ug/kg dry	544	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	263	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 0-2'

York Sample ID: 11E0824-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	338	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
120-12-7	Anthracene	ND		ug/kg dry	233	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	363	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
50-32-8	**Benzo(a)pyrene**	**250**	J	ug/kg dry	245	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	357	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	282	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	363	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	304	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	392	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	346	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	319	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	349	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	314	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
218-01-9	Chrysene	ND		ug/kg dry	378	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	237	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	303	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	493	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	271	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	280	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	422	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
206-44-0	Fluoranthene	ND		ug/kg dry	544	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
86-73-7	Fluorene	ND		ug/kg dry	263	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	153	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	376	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	698	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	338	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	346	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
78-59-1	Isophorone	ND		ug/kg dry	349	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
91-20-3	Naphthalene	ND		ug/kg dry	280	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	422	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	339	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	245	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	544	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	263	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
85-01-8	Phenanthrene	ND		ug/kg dry	346	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 0-2' **York Sample ID:** 11E0824-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	376	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
129-00-0	Pyrene	ND		ug/kg dry	337	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD
110-86-1	Pyridine	ND		ug/kg dry	367	938	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 00:51	TD

Pesticides/PCBs, EPA TCL 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**	**11.0**		ug/kg dry	1.66	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
72-55-9	**4,4'-DDE**	**5.41**		ug/kg dry	2.13	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
50-29-3	**4,4'-DDT**	**7.04**		ug/kg dry	1.67	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
309-00-2	Aldrin	ND		ug/kg dry	2.38	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.80	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	89.0	191	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	89.0	191	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	89.0	191	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	89.0	191	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	89.0	191	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	76.6	191	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	76.6	191	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.34	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.9	14.9	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.03	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.20	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.27	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
1031-07-8	**Endosulfan sulfate**	**2.17**	J	ug/kg dry	1.90	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
72-20-8	Endrin	ND		ug/kg dry	2.25	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
7421-93-4	**Endrin aldehyde**	**3.03**	J	ug/kg dry	2.50	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.63	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.58	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.96	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.63	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.58	18.6	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
1336-36-3	Total PCBs	ND		ug/kg dry	76.6	191	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW
8001-35-2	Toxaphene	ND		ug/kg dry	372	372	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:04	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 0-2' **York Sample ID:** 11E0824-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**6890**		mg/kg dry	1.42	2.25	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-36-0	**Antimony**	**4.46**		mg/kg dry	0.158	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-38-2	**Arsenic**	**7.29**		mg/kg dry	0.214	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-39-3	**Barium**	**672**		mg/kg dry	0.270	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-43-9	**Cadmium**	**0.986**		mg/kg dry	0.146	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-70-2	**Calcium**	**51400**		mg/kg dry	0.049	2.25	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-47-3	**Chromium**	**15.9**		mg/kg dry	0.090	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-48-4	**Cobalt**	**5.11**		mg/kg dry	0.090	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-50-8	**Copper**	**110**		mg/kg dry	0.158	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7439-89-6	**Iron**	**15900**		mg/kg dry	0.619	1.13	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7439-92-1	**Lead**	**537**		mg/kg dry	0.113	0.338	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7439-95-4	**Magnesium**	**13500**		mg/kg dry	0.923	2.25	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7439-96-5	**Manganese**	**268**		mg/kg dry	0.090	1.13	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-02-0	**Nickel**	**15.2**		mg/kg dry	0.079	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-09-7	**Potassium**	**968**		mg/kg dry	3.06	11.3	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7782-49-2	**Selenium**	**2.03**		mg/kg dry	0.238	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-22-4	Silver	ND		mg/kg dry	0.101	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-23-5	**Sodium**	**547**		mg/kg dry	7.57	11.3	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-28-0	Thallium	ND		mg/kg dry	0.214	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-62-2	**Vanadium**	**32.2**		mg/kg dry	0.090	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	MW
7440-66-6	**Zinc**	**465**		mg/kg dry	0.079	0.563	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 22:57	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**	**0.282**		mg/kg dry	0.109	0.113	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 0-2' **York Sample ID:** 11E0824-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**88.8**		%	0.100	0.100	1	SM 2540G	06/02/2011 14:26	06/02/2011 14:26	AMC

Sample Information

Client Sample ID: B-4 15' **York Sample ID:** 11E0824-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 05:15	06/03/2011 05:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	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	06/03/2011 05:15	06/03/2011 05:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.87	22	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	22	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	22	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.52	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 15'

York Sample ID: 11E0824-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 05:15	06/03/2011 05:15	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
67-66-3	Chloroform	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
75-09-2	**Methylene chloride**	**35**	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.75	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.59	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
108-88-3	Toluene	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 15'

York Sample ID: 11E0824-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 05:15	06/03/2011 05:15	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	06/03/2011 05:15	06/03/2011 05:15	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	98.7	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	79.2	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	86.2	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	62.1	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.2	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	88.5	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	73.9	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	58.0	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	152	362	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	79.2	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	86.2	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	55.3	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	105	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	63.0	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	66.6	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	62.1	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.6	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	65.6	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	137	362	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	75.5	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	19.5	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	71.5	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.2	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	81.4	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	60.1	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	65.5	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
83-32-9	Acenaphthene	ND		ug/kg dry	105	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	50.7	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 15'

York Sample ID: 11E0824-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	65.1	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
120-12-7	Anthracene	ND		ug/kg dry	44.9	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	70.0	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.2	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	68.9	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	54.4	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	70.1	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	58.6	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	75.5	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	66.7	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	61.5	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.2	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	60.6	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
218-01-9	Chrysene	ND		ug/kg dry	72.9	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.7	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	58.4	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	95.0	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.2	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	54.1	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	81.4	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
206-44-0	Fluoranthene	ND		ug/kg dry	105	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
86-73-7	Fluorene	ND		ug/kg dry	50.7	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.5	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.4	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	135	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	65.1	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	66.7	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
78-59-1	Isophorone	ND		ug/kg dry	67.2	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
91-20-3	Naphthalene	ND		ug/kg dry	54.1	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	81.4	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	65.5	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.2	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	105	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.7	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
85-01-8	Phenanthrene	ND		ug/kg dry	66.8	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 15'

York Sample ID: 11E0824-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	72.4	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
129-00-0	Pyrene	ND		ug/kg dry	64.9	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD
110-86-1	Pyridine	ND		ug/kg dry	70.7	181	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:22	TD

Pesticides/PCBs, EPA TCL 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	1.60	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.05	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.61	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
309-00-2	Aldrin	ND		ug/kg dry	2.29	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.70	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	85.8	185	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	85.8	185	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	85.8	185	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	85.8	185	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	85.8	185	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	73.8	185	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	73.8	185	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.26	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.3	14.3	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.95	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.12	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.74	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.19	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
72-20-8	Endrin	ND		ug/kg dry	2.17	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.41	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.57	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.49	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.86	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.57	3.58	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.24	17.9	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
1336-36-3	Total PCBs	ND		ug/kg dry	73.8	185	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW
8001-35-2	Toxaphene	ND		ug/kg dry	358	358	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 20:25	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-4 15'** **York Sample ID:** **11E0824-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**6000**		mg/kg dry	1.37	2.17	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-36-0	Antimony	ND		mg/kg dry	0.152	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-38-2	Arsenic	ND		mg/kg dry	0.206	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-39-3	**Barium**	**21.4**		mg/kg dry	0.261	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.141	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-70-2	**Calcium**	**693**		mg/kg dry	0.047	2.17	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-47-3	**Chromium**	**9.69**		mg/kg dry	0.087	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-48-4	**Cobalt**	**5.72**		mg/kg dry	0.087	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-50-8	**Copper**	**12.6**		mg/kg dry	0.152	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7439-89-6	**Iron**	**9460**		mg/kg dry	0.597	1.09	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7439-92-1	**Lead**	**2.55**		mg/kg dry	0.109	0.326	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7439-95-4	**Magnesium**	**2920**		mg/kg dry	0.890	2.17	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7439-96-5	**Manganese**	**165**		mg/kg dry	0.087	1.09	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-02-0	**Nickel**	**14.1**		mg/kg dry	0.076	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-09-7	**Potassium**	**775**		mg/kg dry	2.95	10.9	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7782-49-2	**Selenium**	**1.40**		mg/kg dry	0.229	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-22-4	Silver	ND		mg/kg dry	0.098	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-23-5	**Sodium**	**180**		mg/kg dry	7.30	10.9	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-28-0	Thallium	ND		mg/kg dry	0.206	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-62-2	**Vanadium**	**12.3**		mg/kg dry	0.087	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	MW
7440-66-6	**Zinc**	**22.0**		mg/kg dry	0.076	0.543	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:02	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	0.105	0.109	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-4 15' **York Sample ID:** 11E0824-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**92.1**		%	0.100	0.100	1	SM 2540G	06/02/2011 14:26	06/02/2011 14:26	AMC

Sample Information

Client Sample ID: B-2 0-2' **York Sample ID:** 11E0824-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	06/03/2011 07:23	06/03/2011 07:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	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	06/03/2011 07:23	06/03/2011 07:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.93	23	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	23	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.55	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-2 0-2'

York Sample ID: 11E0824-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	06/03/2011 07:23	06/03/2011 07:23	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
67-66-3	Chloroform	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.98	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
75-09-2	**Methylene chloride**	**19**	J, B	ug/kg dry	2.7	23	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	23	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.81	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	23	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.63	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
108-88-3	Toluene	ND		ug/kg dry	0.58	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-2 0-2'

York Sample ID: 11E0824-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	06/03/2011 07:23	06/03/2011 07:23	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.6	35	2	EPA SW846-8260B	06/03/2011 07:23	06/03/2011 07:23	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	530	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	425	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	463	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	333	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	264	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	475	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	397	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	312	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	816	1940	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	425	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	463	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	297	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	566	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	338	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	357	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	333	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	245	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	352	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	734	1940	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	405	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	105	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	384	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	280	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	437	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	323	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	351	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
83-32-9	Acenaphthene	ND		ug/kg dry	563	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	272	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-2 0-2'

York Sample ID: 11E0824-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	349	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
120-12-7	Anthracene	ND		ug/kg dry	241	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	376	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
50-32-8	**Benzo(a)pyrene**	**377**	J	ug/kg dry	253	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	370	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	292	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
207-08-9	**Benzo(k)fluoranthene**	**427**	J	ug/kg dry	376	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	314	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	405	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	358	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	330	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	361	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	325	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
218-01-9	Chrysene	ND		ug/kg dry	392	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	246	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	314	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	510	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	280	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	290	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	437	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
206-44-0	**Fluoranthene**	**703**	J	ug/kg dry	563	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
86-73-7	Fluorene	ND		ug/kg dry	272	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	158	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	389	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	723	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	349	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	358	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
78-59-1	Isophorone	ND		ug/kg dry	361	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
91-20-3	Naphthalene	ND		ug/kg dry	290	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	437	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	351	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	254	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	563	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	272	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
85-01-8	**Phenanthrene**	**359**	J	ug/kg dry	358	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-2 0-2'

York Sample ID: 11E0824-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	389	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
129-00-0	**Pyrene**	**581**	J	ug/kg dry	349	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD
110-86-1	Pyridine	ND		ug/kg dry	379	971	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 01:53	TD

Pesticides/PCBs, EPA TCL 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	1.71	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.20	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
309-00-2	Aldrin	ND		ug/kg dry	2.46	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.90	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	92.1	198	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	92.1	198	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	92.1	198	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	92.1	198	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	92.1	198	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	79.3	198	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	79.3	198	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.42	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
57-74-9	Chlordane, total	ND		ug/kg dry	15.4	15.4	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.10	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
60-57-1	**Dieldrin**	**3.19**	J	ug/kg dry	2.27	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.35	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.97	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
72-20-8	Endrin	ND		ug/kg dry	2.33	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.59	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.69	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.67	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.07	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.69	3.85	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.92	19.2	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
1336-36-3	Total PCBs	ND		ug/kg dry	79.3	198	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW
8001-35-2	Toxaphene	ND		ug/kg dry	385	385	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:28	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-2 0-2'** **York Sample ID:** **11E0824-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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**	**11000**		mg/kg dry	1.47	2.33	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-36-0	**Antimony**	**3.57**		mg/kg dry	0.163	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-38-2	**Arsenic**	**5.18**		mg/kg dry	0.221	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-39-3	**Barium**	**485**		mg/kg dry	0.280	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.012	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-43-9	**Cadmium**	**1.27**		mg/kg dry	0.152	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-70-2	**Calcium**	**34200**		mg/kg dry	0.051	2.33	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-47-3	**Chromium**	**22.1**		mg/kg dry	0.093	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-48-4	**Cobalt**	**7.64**		mg/kg dry	0.093	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-50-8	**Copper**	**91.5**		mg/kg dry	0.163	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7439-89-6	**Iron**	**19800**		mg/kg dry	0.641	1.17	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7439-92-1	**Lead**	**436**		mg/kg dry	0.117	0.350	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7439-95-4	**Magnesium**	**6530**		mg/kg dry	0.956	2.33	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7439-96-5	**Manganese**	**285**		mg/kg dry	0.093	1.17	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-02-0	**Nickel**	**22.5**		mg/kg dry	0.082	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-09-7	**Potassium**	**2180**		mg/kg dry	3.17	11.7	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7782-49-2	**Selenium**	**2.71**		mg/kg dry	0.246	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-22-4	Silver	ND		mg/kg dry	0.105	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-23-5	**Sodium**	**366**		mg/kg dry	7.83	11.7	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-28-0	Thallium	ND		mg/kg dry	0.221	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-62-2	**Vanadium**	**53.3**		mg/kg dry	0.093	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	MW
7440-66-6	**Zinc**	**480**		mg/kg dry	0.082	0.583	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:18	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	0.113	0.117	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-2 0-2' **York Sample ID:** 11E0824-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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**	**85.8**		%	0.100	0.100	1	SM 2540G	06/02/2011 14:26	06/02/2011 14:26	AMC

Sample Information

Client Sample ID: B-2 15' **York Sample ID:** 11E0824-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	06/03/2011 07:58	06/03/2011 07:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	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	06/03/2011 07:58	06/03/2011 07:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.7	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.0	26	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.3	26	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.7	26	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.62	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.0	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-2 15'

York Sample ID: 11E0824-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.6	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
75-25-2	Bromoform	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.5	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.98	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
67-66-3	Chloroform	ND		ug/kg dry	1.0	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.98	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.7	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.98	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.1	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.1	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
75-09-2	**Methylene chloride**	**30**	B	ug/kg dry	3.0	26	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.4	26	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.90	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.4	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.5	26	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.70	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
100-42-5	Styrene	ND		ug/kg dry	1.2	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.3	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.5	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
108-88-3	Toluene	ND		ug/kg dry	0.64	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-2 15'

York Sample ID: 11E0824-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	2.5	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	13	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.9	39	2	EPA SW846-8260B	06/03/2011 07:58	06/03/2011 07:58	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	06/01/2011 10:32	06/03/2011 02:25	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	94.5	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	103	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	74.1	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	58.8	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	106	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	88.3	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	69.3	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	181	432	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	94.5	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	103	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	66.0	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	126	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	75.2	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	79.5	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	74.1	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	54.4	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	78.3	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	163	432	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	90.1	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	23.3	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	85.3	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	62.3	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	97.2	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	71.7	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	78.1	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
83-32-9	Acenaphthene	ND		ug/kg dry	125	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	60.5	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-2 15'

York Sample ID: 11E0824-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	77.7	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
120-12-7	Anthracene	ND		ug/kg dry	53.6	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	83.6	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	56.3	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	82.2	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	64.9	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	83.6	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	69.9	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	90.1	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	79.6	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	73.4	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	80.2	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	72.3	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
218-01-9	Chrysene	ND		ug/kg dry	87.1	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	54.6	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	69.7	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	113	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	62.3	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	64.5	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	97.2	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
206-44-0	Fluoranthene	ND		ug/kg dry	125	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
86-73-7	Fluorene	ND		ug/kg dry	60.5	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	35.2	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	86.4	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	161	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	77.7	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	79.6	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
78-59-1	Isophorone	ND		ug/kg dry	80.2	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
91-20-3	Naphthalene	ND		ug/kg dry	64.5	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	97.2	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	78.1	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	56.4	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	125	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	60.5	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
85-01-8	Phenanthrene	ND		ug/kg dry	79.7	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-2 15'

York Sample ID: 11E0824-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	86.4	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
129-00-0	Pyrene	ND		ug/kg dry	77.5	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD
110-86-1	Pyridine	ND		ug/kg dry	84.4	216	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:25	TD

Pesticides/PCBs, EPA TCL 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	06/01/2011 10:39	06/02/2011 21:49	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.45	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
309-00-2	Aldrin	ND		ug/kg dry	2.73	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.23	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	102	220	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	102	220	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	102	220	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	102	220	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	102	220	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	88.1	220	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	88.1	220	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.70	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
57-74-9	Chlordane, total	ND		ug/kg dry	17.1	17.1	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.33	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.53	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.07	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.62	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.19	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
72-20-8	Endrin	ND		ug/kg dry	2.59	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.88	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.97	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.41	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	4.28	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
72-43-5	Methoxychlor	ND		ug/kg dry	11.0	21.4	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
1336-36-3	Total PCBs	ND		ug/kg dry	88.1	220	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW
8001-35-2	Toxaphene	ND		ug/kg dry	428	428	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 21:49	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-2 15'

York Sample ID: 11E0824-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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**	**20700**		mg/kg dry	1.63	2.59	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-36-0	Antimony	ND		mg/kg dry	0.181	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-38-2	**Arsenic**	**2.75**		mg/kg dry	0.246	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-39-3	**Barium**	**154**		mg/kg dry	0.311	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.010	0.013	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.168	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-70-2	**Calcium**	**2370**		mg/kg dry	0.056	2.59	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-47-3	**Chromium**	**31.9**		mg/kg dry	0.104	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-48-4	**Cobalt**	**17.4**		mg/kg dry	0.104	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-50-8	**Copper**	**34.0**		mg/kg dry	0.181	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7439-89-6	**Iron**	**31500**		mg/kg dry	0.713	1.30	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7439-92-1	**Lead**	**5.61**		mg/kg dry	0.130	0.389	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7439-95-4	**Magnesium**	**8630**		mg/kg dry	1.06	2.59	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7439-96-5	**Manganese**	**598**		mg/kg dry	0.104	1.30	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-02-0	**Nickel**	**29.5**		mg/kg dry	0.091	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-09-7	**Potassium**	**6940**		mg/kg dry	3.52	13.0	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7782-49-2	**Selenium**	**3.43**		mg/kg dry	0.273	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-22-4	Silver	ND		mg/kg dry	0.117	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-23-5	**Sodium**	**290**		mg/kg dry	8.71	13.0	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-28-0	Thallium	ND		mg/kg dry	0.246	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-62-2	**Vanadium**	**47.6**		mg/kg dry	0.104	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	MW
7440-66-6	**Zinc**	**76.4**		mg/kg dry	0.091	0.648	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:23	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	0.126	0.130	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-2 15' **York Sample ID:** 11E0824-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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**	**77.2**		%	0.100	0.100	1	SM 2540G	06/02/2011 14:26	06/02/2011 14:26	AMC

Sample Information

Client Sample ID: B-3 0-2' **York Sample ID:** 11E0824-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 08:33	06/03/2011 08:33	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.91	23	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	23	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-3 0-2'** **York Sample ID:** **11E0824-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 08:33	06/03/2011 08:33	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
67-66-3	Chloroform	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.96	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.94	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
75-09-2	**Methylene chloride**	**26**	B	ug/kg dry	2.6	23	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.79	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	23	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.62	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
108-88-3	Toluene	ND		ug/kg dry	0.57	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-3 0-2'

York Sample ID: 11E0824-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 08:33	06/03/2011 08:33	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.6	34	2	EPA SW846-8260B	06/03/2011 08:33	06/03/2011 08:33	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	518	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	416	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	453	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	326	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	259	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	465	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	388	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	305	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	798	1900	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	416	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	453	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	290	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	554	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	331	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	350	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	326	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	240	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	345	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	719	1900	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	396	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	102	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	375	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	274	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	428	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	316	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	344	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
83-32-9	Acenaphthene	ND		ug/kg dry	551	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	266	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-3 0-2'

York Sample ID: 11E0824-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	342	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
120-12-7	Anthracene	ND		ug/kg dry	236	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
56-55-3	**Benzo(a)anthracene**	**426**	J	ug/kg dry	368	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
50-32-8	**Benzo(a)pyrene**	**424**	J	ug/kg dry	248	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
205-99-2	**Benzo(b)fluoranthene**	**426**	J	ug/kg dry	362	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	286	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
207-08-9	**Benzo(k)fluoranthene**	**515**	J	ug/kg dry	368	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	308	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	397	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	351	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	323	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	353	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	318	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
218-01-9	**Chrysene**	**454**	J	ug/kg dry	383	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	240	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	307	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	499	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	274	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	284	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	428	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
206-44-0	**Fluoranthene**	**882**	J	ug/kg dry	551	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
86-73-7	Fluorene	ND		ug/kg dry	266	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	155	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	380	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	707	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	342	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	351	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
78-59-1	Isophorone	ND		ug/kg dry	353	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
91-20-3	Naphthalene	ND		ug/kg dry	284	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	428	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	344	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	248	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	551	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	266	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
85-01-8	**Phenanthrene**	**627**	J	ug/kg dry	351	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-3 0-2'** **York Sample ID:** **11E0824-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	380	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
129-00-0	**Pyrene**	**747**	J	ug/kg dry	341	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD
110-86-1	Pyridine	ND		ug/kg dry	371	951	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 02:56	TD

Pesticides/PCBs, EPA TCL 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	1.68	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
72-55-9	**4,4'-DDE**	**7.81**		ug/kg dry	2.16	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
50-29-3	**4,4'-DDT**	**29.2**		ug/kg dry	1.69	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
309-00-2	Aldrin	ND		ug/kg dry	2.41	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.84	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	90.1	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	90.1	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	90.1	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	90.1	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	90.1	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	77.6	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	77.6	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.37	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
57-74-9	Chlordane, total	ND		ug/kg dry	15.1	15.1	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.05	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
60-57-1	**Dieldrin**	**2.75**	J	ug/kg dry	2.22	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
33213-65-9	**Endosulfan II**	**3.70**	J	ug/kg dry	2.30	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
72-20-8	Endrin	ND		ug/kg dry	2.28	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.53	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.65	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.61	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.00	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.65	3.76	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.71	18.8	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
1336-36-3	Total PCBs	ND		ug/kg dry	77.6	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW
8001-35-2	Toxaphene	ND		ug/kg dry	376	376	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/02/2011 22:10	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-3 0-2'** **York Sample ID:** **11E0824-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**12100**		mg/kg dry	1.44	2.28	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-36-0	**Antimony**	**1.62**		mg/kg dry	0.160	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-38-2	**Arsenic**	**13.9**		mg/kg dry	0.217	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-39-3	**Barium**	**565**		mg/kg dry	0.274	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-43-9	**Cadmium**	**10.7**		mg/kg dry	0.148	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-70-2	**Calcium**	**60400**		mg/kg dry	0.050	2.28	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-47-3	**Chromium**	**42.0**		mg/kg dry	0.091	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-48-4	**Cobalt**	**5.16**		mg/kg dry	0.091	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-50-8	**Copper**	**147**		mg/kg dry	0.160	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7439-89-6	**Iron**	**14200**		mg/kg dry	0.627	1.14	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7439-92-1	**Lead**	**333**		mg/kg dry	0.114	0.342	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7439-95-4	**Magnesium**	**10900**		mg/kg dry	0.935	2.28	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7439-96-5	**Manganese**	**331**		mg/kg dry	0.091	1.14	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-02-0	**Nickel**	**19.5**		mg/kg dry	0.080	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-09-7	**Potassium**	**1020**		mg/kg dry	3.10	11.4	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7782-49-2	**Selenium**	**0.927**		mg/kg dry	0.241	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.103	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-23-5	**Sodium**	**474**		mg/kg dry	7.67	11.4	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-28-0	Thallium	ND		mg/kg dry	0.217	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-62-2	**Vanadium**	**28.6**		mg/kg dry	0.091	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	MW
7440-66-6	**Zinc**	**373**		mg/kg dry	0.080	0.570	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:28	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	0.111	0.114	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-3 0-2' **York Sample ID:** 11E0824-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**87.7**		%	0.100	0.100	1	SM 2540G	06/02/2011 14:26	06/02/2011 14:26	AMC

Sample Information

Client Sample ID: B-3 **York Sample ID:** 11E0824-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 09:08	06/03/2011 09:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	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	06/03/2011 09:08	06/03/2011 09:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.86	22	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	22	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	22	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.51	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-3 **York Sample ID:** 11E0824-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 09:08	06/03/2011 09:08	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
67-66-3	Chloroform	ND		ug/kg dry	0.84	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.82	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
75-09-2	**Methylene chloride**	**24**	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.75	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.58	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
108-88-3	Toluene	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-3 **York Sample ID:** 11E0824-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	2.1	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.4	32	2	EPA SW846-8260B	06/03/2011 09:08	06/03/2011 09:08	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	98.2	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	78.8	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	85.8	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	61.8	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.0	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	88.1	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	73.6	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	57.7	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	151	360	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	78.8	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	85.8	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	55.0	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	105	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	62.7	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	66.2	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	61.8	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.4	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	65.3	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	136	360	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	75.1	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	19.4	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	71.1	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.9	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	81.0	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	59.8	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	65.1	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
83-32-9	Acenaphthene	ND		ug/kg dry	104	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	50.4	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-3 **York Sample ID:** 11E0824-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	64.8	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
120-12-7	Anthracene	ND		ug/kg dry	44.6	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	69.6	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.9	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	68.5	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	54.1	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	69.7	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	58.3	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	75.1	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	66.4	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	61.1	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	66.9	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	60.3	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
218-01-9	Chrysene	ND		ug/kg dry	72.6	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.5	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	58.1	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	94.5	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.9	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.8	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	81.0	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
206-44-0	Fluoranthene	ND		ug/kg dry	104	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
86-73-7	Fluorene	ND		ug/kg dry	50.4	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.3	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.0	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	134	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	64.8	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	66.4	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
78-59-1	Isophorone	ND		ug/kg dry	66.9	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
91-20-3	Naphthalene	ND		ug/kg dry	53.8	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	81.0	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	65.1	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	104	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.4	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
85-01-8	Phenanthrene	ND		ug/kg dry	66.4	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-3 **York Sample ID:** 11E0824-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	72.0	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
129-00-0	Pyrene	ND		ug/kg dry	64.6	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD
110-86-1	Pyridine	ND		ug/kg dry	70.3	180	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:28	TD

Pesticides/PCBs, EPA TCL 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	1.59	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.04	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.60	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
309-00-2	Aldrin	ND		ug/kg dry	2.28	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.69	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	85.3	184	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	85.3	184	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	85.3	184	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	85.3	184	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	85.3	184	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	73.4	184	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	73.4	184	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.25	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.3	14.3	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.94	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.11	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.18	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
72-20-8	Endrin	ND		ug/kg dry	2.16	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.40	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.57	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.47	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.84	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.57	3.56	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.19	17.8	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
1336-36-3	Total PCBs	ND		ug/kg dry	73.4	184	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW
8001-35-2	Toxaphene	ND		ug/kg dry	356	356	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:31	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-3 **York Sample ID:** 11E0824-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**15800**		mg/kg dry	1.36	2.16	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-36-0	Antimony	ND		mg/kg dry	0.151	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-38-2	**Arsenic**	**2.59**		mg/kg dry	0.205	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-39-3	**Barium**	**107**		mg/kg dry	0.259	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.140	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-70-2	**Calcium**	**28300**		mg/kg dry	0.047	2.16	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-47-3	**Chromium**	**19.9**		mg/kg dry	0.086	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-48-4	**Cobalt**	**12.7**		mg/kg dry	0.086	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-50-8	**Copper**	**19.5**		mg/kg dry	0.151	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7439-89-6	**Iron**	**22100**		mg/kg dry	0.594	1.08	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7439-92-1	**Lead**	**7.44**		mg/kg dry	0.108	0.324	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7439-95-4	**Magnesium**	**16100**		mg/kg dry	0.886	2.16	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7439-96-5	**Manganese**	**584**		mg/kg dry	0.086	1.08	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-02-0	**Nickel**	**21.7**		mg/kg dry	0.076	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-09-7	**Potassium**	**6870**		mg/kg dry	2.94	10.8	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7782-49-2	**Selenium**	**2.47**		mg/kg dry	0.228	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-22-4	Silver	ND		mg/kg dry	0.097	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-23-5	**Sodium**	**307**		mg/kg dry	7.26	10.8	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-28-0	Thallium	ND		mg/kg dry	0.205	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-62-2	**Vanadium**	**29.6**		mg/kg dry	0.086	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	MW
7440-66-6	**Zinc**	**53.6**		mg/kg dry	0.076	0.540	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:36	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	0.105	0.108	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-3 **York Sample ID:** 11E0824-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**92.6**		%	0.100	0.100	1	SM 2540G	06/02/2011 12:51	06/03/2011 08:15	AMC

Sample Information

Client Sample ID: B-7 0-2' **York Sample ID:** 11E0824-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	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	06/03/2011 09:43	06/03/2011 09:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.92	23	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	23	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.55	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.92	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 0-2'

York Sample ID: 11E0824-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 09:43	06/03/2011 09:43	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.87	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
67-66-3	Chloroform	ND		ug/kg dry	0.90	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.87	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.87	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.97	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.95	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
75-09-2	**Methylene chloride**	**24**	B	ug/kg dry	2.6	23	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.80	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	23	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.62	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
108-88-3	Toluene	ND		ug/kg dry	0.57	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 0-2'

York Sample ID: 11E0824-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 09:43	06/03/2011 09:43	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.6	35	2	EPA SW846-8260B	06/03/2011 09:43	06/03/2011 09:43	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	526	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	422	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	459	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	331	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	262	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	472	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	394	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	309	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	810	1930	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	422	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	459	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	294	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	562	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	336	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	355	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	331	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	243	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	350	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	729	1930	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	402	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	104	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	381	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	278	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	434	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	320	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	349	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
83-32-9	Acenaphthene	ND		ug/kg dry	559	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	270	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 0-2'

York Sample ID: 11E0824-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	347	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
120-12-7	Anthracene	ND		ug/kg dry	239	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
56-55-3	**Benzo(a)anthracene**	**407**	J	ug/kg dry	373	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	251	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	367	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	290	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
207-08-9	**Benzo(k)fluoranthene**	**492**	J	ug/kg dry	373	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	312	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	402	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	356	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	327	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	358	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	323	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
218-01-9	**Chrysene**	**424**	J	ug/kg dry	389	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	244	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	311	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	506	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	278	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	288	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	434	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
206-44-0	**Fluoranthene**	**646**	J	ug/kg dry	559	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
86-73-7	Fluorene	ND		ug/kg dry	270	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	157	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	386	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	717	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	347	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	356	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
78-59-1	Isophorone	ND		ug/kg dry	358	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
91-20-3	Naphthalene	ND		ug/kg dry	288	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	434	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	349	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	252	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	559	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	270	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
85-01-8	Phenanthrene	ND		ug/kg dry	356	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 0-2' **York Sample ID:** 11E0824-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	386	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
129-00-0	**Pyrene**	**623**	J	ug/kg dry	346	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD
110-86-1	Pyridine	ND		ug/kg dry	377	964	5	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 03:59	TD

Pesticides/PCBs, EPA TCL 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**	**5.80**		ug/kg dry	1.70	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
72-55-9	**4,4'-DDE**	**14.4**		ug/kg dry	2.19	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
50-29-3	**4,4'-DDT**	**21.3**		ug/kg dry	1.71	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
309-00-2	Aldrin	ND		ug/kg dry	2.44	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.88	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	91.4	197	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	91.4	197	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	91.4	197	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	91.4	197	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	91.4	197	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	78.7	197	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	78.7	197	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.41	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
57-74-9	Chlordane, total	ND		ug/kg dry	15.3	15.3	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.08	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
60-57-1	**Dieldrin**	**7.40**		ug/kg dry	2.26	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
33213-65-9	**Endosulfan II**	**3.57**	J	ug/kg dry	2.34	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
72-20-8	Endrin	ND		ug/kg dry	2.31	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.57	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.68	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.65	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.04	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.68	3.82	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.85	19.1	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
1336-36-3	Total PCBs	ND		ug/kg dry	78.7	197	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW
8001-35-2	Toxaphene	ND		ug/kg dry	382	382	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 22:52	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 0-2' **York Sample ID:** 11E0824-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**8810**		mg/kg dry	1.46	2.31	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-36-0	**Antimony**	**1.44**		mg/kg dry	0.162	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-38-2	**Arsenic**	**6.99**		mg/kg dry	0.220	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-39-3	**Barium**	**517**		mg/kg dry	0.278	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.012	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.150	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-70-2	**Calcium**	**53700**		mg/kg dry	0.050	2.31	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-47-3	**Chromium**	**17.4**		mg/kg dry	0.093	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-48-4	**Cobalt**	**5.48**		mg/kg dry	0.093	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-50-8	**Copper**	**46.3**		mg/kg dry	0.162	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7439-89-6	**Iron**	**13400**		mg/kg dry	0.636	1.16	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7439-92-1	**Lead**	**425**		mg/kg dry	0.116	0.347	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7439-95-4	**Magnesium**	**14000**		mg/kg dry	0.949	2.31	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7439-96-5	**Manganese**	**261**		mg/kg dry	0.093	1.16	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-02-0	**Nickel**	**16.4**		mg/kg dry	0.081	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-09-7	**Potassium**	**1010**		mg/kg dry	3.15	11.6	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7782-49-2	**Selenium**	**1.80**		mg/kg dry	0.244	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-22-4	Silver	ND		mg/kg dry	0.104	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-23-5	**Sodium**	**403**		mg/kg dry	7.77	11.6	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-28-0	Thallium	ND		mg/kg dry	0.220	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-62-2	**Vanadium**	**35.1**		mg/kg dry	0.093	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	MW
7440-66-6	**Zinc**	**401**		mg/kg dry	0.081	0.578	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:54	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	0.112	0.116	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 0-2' **York Sample ID:** 11E0824-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**86.4**		%	0.100	0.100	1	SM 2540G	06/02/2011 12:51	06/03/2011 08:15	AMC

Sample Information

Client Sample ID: B-7 8' **York Sample ID:** 11E0824-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 10:18	06/03/2011 10:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.90	23	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
95-63-6	**1,2,4-Trimethylbenzene**	**12**		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	23	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
108-67-8	**1,3,5-Trimethylbenzene**	**2.1**	J	ug/kg dry	0.90	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 8'

York Sample ID: 11E0824-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
67-66-3	Chloroform	ND		ug/kg dry	0.88	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
100-41-4	**Ethyl Benzene**	**4.6**	J	ug/kg dry	0.85	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.95	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.93	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
75-09-2	**Methylene chloride**	**25**	B	ug/kg dry	2.6	23	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.78	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
95-47-6	**o-Xylene**	**5.3**	J	ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
1330-20-7P/M	**p- & m- Xylenes**	**30**		ug/kg dry	1.3	23	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.61	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
108-88-3	Toluene	ND		ug/kg dry	0.56	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 8'

York Sample ID: 11E0824-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	SS
1330-20-7	**Xylenes, Total**	**36**		ug/kg dry	2.6	34	2	EPA SW846-8260B	06/03/2011 10:18	06/03/2011 10:18	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	103	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	82.3	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	89.5	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	64.5	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.1	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	92.0	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	76.8	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	60.3	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	158	376	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	82.3	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	89.5	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	57.4	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	109	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	65.5	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	69.2	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	64.5	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	47.4	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	68.2	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	142	376	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	78.4	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	20.3	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	74.2	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	54.2	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	84.6	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	62.4	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	68.0	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
83-32-9	Acenaphthene	ND		ug/kg dry	109	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	52.7	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
62-53-3	Aniline	ND		ug/kg dry	67.6	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 8'

York Sample ID: 11E0824-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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
120-12-7	Anthracene	ND		ug/kg dry	46.6	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	72.7	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.0	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	71.5	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	56.5	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	72.8	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	60.8	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	78.4	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	69.3	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	63.8	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	69.8	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	62.9	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
218-01-9	Chrysene	ND		ug/kg dry	75.8	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.5	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	60.7	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	98.7	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	54.2	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	56.2	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	84.6	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
206-44-0	Fluoranthene	ND		ug/kg dry	109	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
86-73-7	Fluorene	ND		ug/kg dry	52.7	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	30.6	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	75.2	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	140	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	67.6	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	69.3	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
78-59-1	Isophorone	ND		ug/kg dry	69.8	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
91-20-3	Naphthalene	ND		ug/kg dry	56.2	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	84.6	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	68.0	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.1	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	109	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	52.7	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
85-01-8	Phenanthrene	ND		ug/kg dry	69.4	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
108-95-2	Phenol	ND		ug/kg dry	75.2	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 8'

York Sample ID: 11E0824-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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
129-00-0	Pyrene	ND		ug/kg dry	67.4	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD
110-86-1	Pyridine	ND		ug/kg dry	73.4	188	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 04:30	TD

Pesticides/PCBs, EPA TCL 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	1.66	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.13	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.67	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
309-00-2	Aldrin	ND		ug/kg dry	2.38	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.81	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	89.1	192	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	89.1	192	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	89.1	192	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	89.1	192	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	89.1	192	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	76.7	192	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	76.7	192	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.35	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.9	14.9	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.03	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.20	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.28	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
72-20-8	Endrin	ND		ug/kg dry	2.26	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.50	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.64	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.58	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.97	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.64	3.72	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.60	18.6	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
1336-36-3	Total PCBs	ND		ug/kg dry	76.7	192	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW
8001-35-2	Toxaphene	ND		ug/kg dry	372	372	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:13	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 8'

York Sample ID: 11E0824-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**15100**		mg/kg dry	1.42	2.26	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-36-0	Antimony	ND		mg/kg dry	0.158	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-38-2	**Arsenic**	**3.35**		mg/kg dry	0.214	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-39-3	**Barium**	**56.9**		mg/kg dry	0.271	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.147	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-70-2	**Calcium**	**4710**		mg/kg dry	0.049	2.26	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-47-3	**Chromium**	**16.1**		mg/kg dry	0.090	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-48-4	**Cobalt**	**7.85**		mg/kg dry	0.090	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-50-8	**Copper**	**14.0**		mg/kg dry	0.158	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7439-89-6	**Iron**	**17800**		mg/kg dry	0.620	1.13	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7439-92-1	**Lead**	**59.5**		mg/kg dry	0.113	0.338	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7439-95-4	**Magnesium**	**5160**		mg/kg dry	0.925	2.26	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7439-96-5	**Manganese**	**306**		mg/kg dry	0.090	1.13	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-02-0	**Nickel**	**11.8**		mg/kg dry	0.079	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-09-7	**Potassium**	**814**		mg/kg dry	3.07	11.3	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7782-49-2	**Selenium**	**1.75**		mg/kg dry	0.238	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-22-4	Silver	ND		mg/kg dry	0.101	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-23-5	**Sodium**	**176**		mg/kg dry	7.58	11.3	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-28-0	Thallium	ND		mg/kg dry	0.214	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-62-2	**Vanadium**	**25.3**		mg/kg dry	0.090	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	MW
7440-66-6	**Zinc**	**41.8**		mg/kg dry	0.079	0.564	1	EPA SW846-6010B	05/31/2011 15:58	05/31/2011 23:59	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	0.109	0.113	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-7 8' **York Sample ID:** 11E0824-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**88.7**		%	0.100	0.100	1	SM 2540G	06/02/2011 12:51	06/03/2011 08:15	AMC

Sample Information

Client Sample ID: B-1 0-2' **York Sample ID:** 11E0824-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 15:44	06/03/2011 15:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	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	06/03/2011 15:44	06/03/2011 15:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.99	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.85	21	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	21	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.51	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-1 0-2'** **York Sample ID:** **11E0824-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 15:44	06/03/2011 15:44	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
75-25-2	Bromoform	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.80	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
67-66-3	Chloroform	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.80	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
100-41-4	**Ethyl Benzene**	**2.2**	J	ug/kg dry	0.80	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.99	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
75-09-2	**Methylene chloride**	**16**	J, B	ug/kg dry	2.4	21	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.1	21	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.74	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
95-47-6	**o-Xylene**	**2.7**	J	ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
1330-20-7P/M	**p- & m- Xylenes**	**9.2**	J	ug/kg dry	1.3	21	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.57	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
100-42-5	Styrene	ND		ug/kg dry	0.99	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
108-88-3	**Toluene**	**16**		ug/kg dry	0.53	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-1 0-2'

York Sample ID: 11E0824-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 15:44	06/03/2011 15:44	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	SS
1330-20-7	**Xylenes, Total**	**12**	J	ug/kg dry	2.4	32	2	EPA SW846-8260B	06/03/2011 15:44	06/03/2011 15:44	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	967	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	776	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	844	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	608	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	482	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	867	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	724	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	569	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1490	3550	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	776	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	844	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	541	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	1030	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	618	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	652	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	608	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	447	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	643	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1340	3550	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	739	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	191	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	700	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	511	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	798	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	589	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	641	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
83-32-9	Acenaphthene	ND		ug/kg dry	1030	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	497	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-1 0-2'

York Sample ID: 11E0824-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	638	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
120-12-7	Anthracene	ND		ug/kg dry	440	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	686	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	462	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	675	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	533	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	686	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	574	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	740	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	654	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	602	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	659	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	594	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
218-01-9	Chrysene	ND		ug/kg dry	715	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	448	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	572	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	931	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	511	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	530	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	798	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
206-44-0	Fluoranthene	ND		ug/kg dry	1030	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
86-73-7	Fluorene	ND		ug/kg dry	497	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	289	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	709	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1320	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	638	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	654	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
78-59-1	Isophorone	ND		ug/kg dry	659	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
91-20-3	Naphthalene	ND		ug/kg dry	530	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	798	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	641	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	463	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	1030	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	497	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
85-01-8	Phenanthrene	ND		ug/kg dry	654	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-1 0-2' **York Sample ID:** 11E0824-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	709	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
129-00-0	Pyrene	ND		ug/kg dry	636	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD
110-86-1	Pyridine	ND		ug/kg dry	692	1770	10	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:02	TD

Pesticides/PCBs, EPA TCL 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	1.56	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.01	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.57	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
309-00-2	Aldrin	ND		ug/kg dry	2.24	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.65	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	84.0	181	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	84.0	181	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	84.0	181	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	84.0	181	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	84.0	181	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	72.3	181	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	72.3	181	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.21	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.0	14.0	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.91	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.07	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.70	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.15	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
72-20-8	Endrin	ND		ug/kg dry	2.13	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.36	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.54	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.44	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.80	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.54	3.51	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.05	17.5	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
1336-36-3	Total PCBs	ND		ug/kg dry	72.3	181	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW
8001-35-2	Toxaphene	ND		ug/kg dry	351	351	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:34	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-1 0-2' **York Sample ID:** 11E0824-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**4100**		mg/kg dry	1.34	2.13	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-36-0	Antimony	ND		mg/kg dry	0.149	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-38-2	**Arsenic**	**1.44**		mg/kg dry	0.202	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-39-3	**Barium**	**15.3**		mg/kg dry	0.255	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.138	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-70-2	**Calcium**	**40600**		mg/kg dry	0.046	2.13	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-47-3	**Chromium**	**4.03**		mg/kg dry	0.085	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-48-4	**Cobalt**	**4.61**		mg/kg dry	0.085	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-50-8	**Copper**	**30.7**		mg/kg dry	0.149	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7439-89-6	**Iron**	**9820**		mg/kg dry	0.585	1.06	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7439-92-1	**Lead**	**13.8**		mg/kg dry	0.106	0.319	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7439-95-4	**Magnesium**	**19800**		mg/kg dry	0.872	2.13	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7439-96-5	**Manganese**	**160**		mg/kg dry	0.085	1.06	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-02-0	**Nickel**	**7.15**		mg/kg dry	0.074	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-09-7	**Potassium**	**414**		mg/kg dry	2.89	10.6	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7782-49-2	**Selenium**	**1.01**		mg/kg dry	0.224	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-22-4	Silver	ND		mg/kg dry	0.096	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-23-5	**Sodium**	**436**		mg/kg dry	7.15	10.6	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-28-0	Thallium	ND		mg/kg dry	0.202	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-62-2	**Vanadium**	**41.2**		mg/kg dry	0.085	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	MW
7440-66-6	**Zinc**	**30.5**		mg/kg dry	0.074	0.532	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:04	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	0.103	0.106	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-1 0-2' **York Sample ID:** 11E0824-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**94.0**		%	0.100	0.100	1	SM 2540G	06/02/2011 12:51	06/03/2011 08:15	AMC

Sample Information

Client Sample ID: B-5 0-2' **York Sample ID:** 11E0824-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 06:47	06/03/2011 06:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.91	23	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	23	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-5 0-2'** **York Sample ID:** **11E0824-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 06:47	06/03/2011 06:47	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
67-66-3	Chloroform	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.96	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.94	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
75-09-2	**Methylene chloride**	**32**	B	ug/kg dry	2.6	23	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
91-20-3	**Naphthalene**	**4.4**	J, B	ug/kg dry	1.2	23	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.79	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	23	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.62	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
108-88-3	Toluene	ND		ug/kg dry	0.57	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 0-2'

York Sample ID: 11E0824-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	06/03/2011 06:47	06/03/2011 06:47	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.6	34	2	EPA SW846-8260B	06/03/2011 06:47	06/03/2011 06:47	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	104	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	83.3	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	90.6	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	65.3	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.8	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	93.1	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	77.7	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	61.0	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	160	381	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	83.3	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	90.6	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	58.1	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	111	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	66.3	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	70.0	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	65.3	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	47.9	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	69.0	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	144	381	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	79.4	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	20.5	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	75.2	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	54.9	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	85.6	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	63.2	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	68.8	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
83-32-9	Acenaphthene	ND		ug/kg dry	110	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	53.3	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-5 0-2'** **York Sample ID:** **11E0824-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	68.5	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
120-12-7	Anthracene	ND		ug/kg dry	47.2	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	73.6	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
50-32-8	**Benzo(a)pyrene**	**104**	J	ug/kg dry	49.6	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
205-99-2	**Benzo(b)fluoranthene**	**104**	J	ug/kg dry	72.4	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	57.2	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
207-08-9	**Benzo(k)fluoranthene**	**113**	J	ug/kg dry	73.7	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	61.6	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	79.4	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.2	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	64.6	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	70.7	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
117-81-7	**Bis(2-ethylhexyl)phthalate**	**102**	J	ug/kg dry	63.7	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
218-01-9	**Chrysene**	**82.6**	J	ug/kg dry	76.7	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.1	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	61.4	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	99.9	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	54.9	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	56.8	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	85.6	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
206-44-0	**Fluoranthene**	**142**	J	ug/kg dry	110	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
86-73-7	Fluorene	ND		ug/kg dry	53.3	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	31.0	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	76.1	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	142	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	68.5	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	70.2	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
78-59-1	Isophorone	ND		ug/kg dry	70.7	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
91-20-3	Naphthalene	ND		ug/kg dry	56.8	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	85.6	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	68.8	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.7	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	110	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	53.3	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
85-01-8	Phenanthrene	ND		ug/kg dry	70.2	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 0-2'

York Sample ID: 11E0824-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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	76.2	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
129-00-0	**Pyrene**	**108**	J	ug/kg dry	68.3	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD
110-86-1	Pyridine	ND		ug/kg dry	74.3	190	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 05:33	TD

Pesticides/PCBs, EPA TCL 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**	**7.29**		ug/kg dry	1.68	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
72-55-9	**4,4'-DDE**	**14.0**		ug/kg dry	2.16	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
50-29-3	**4,4'-DDT**	**294**		ug/kg dry	1.69	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
309-00-2	Aldrin	ND		ug/kg dry	2.41	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.84	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	90.2	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	90.2	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	90.2	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	90.2	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	90.2	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	77.6	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	77.6	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.37	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
57-74-9	Chlordane, total	ND		ug/kg dry	15.1	15.1	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.06	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.23	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.31	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
72-20-8	Endrin	ND		ug/kg dry	2.28	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.53	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.66	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.61	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.00	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.66	3.77	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.72	18.8	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
1336-36-3	Total PCBs	ND		ug/kg dry	77.6	194	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW
8001-35-2	Toxaphene	ND		ug/kg dry	377	377	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 23:55	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 0-2' **York Sample ID:** 11E0824-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**6770**		mg/kg dry	1.44	2.28	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-36-0	Antimony	ND		mg/kg dry	0.160	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-38-2	**Arsenic**	**12.3**		mg/kg dry	0.217	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-39-3	**Barium**	**1850**		mg/kg dry	0.274	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.148	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-70-2	**Calcium**	**84300**		mg/kg dry	0.050	2.28	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-47-3	**Chromium**	**112**		mg/kg dry	0.091	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-48-4	**Cobalt**	**5.67**		mg/kg dry	0.091	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-50-8	**Copper**	**27.2**		mg/kg dry	0.160	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7439-89-6	**Iron**	**49700**		mg/kg dry	0.628	1.14	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7439-92-1	**Lead**	**1310**		mg/kg dry	0.114	0.343	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7439-95-4	**Magnesium**	**7460**		mg/kg dry	0.936	2.28	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7439-96-5	**Manganese**	**463**		mg/kg dry	0.091	1.14	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-02-0	**Nickel**	**14.2**		mg/kg dry	0.080	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-09-7	**Potassium**	**749**		mg/kg dry	3.11	11.4	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7782-49-2	**Selenium**	**4.21**		mg/kg dry	0.241	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-22-4	Silver	ND		mg/kg dry	0.103	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-23-5	**Sodium**	**275**		mg/kg dry	7.67	11.4	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-28-0	Thallium	ND		mg/kg dry	0.217	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-62-2	**Vanadium**	**17.3**		mg/kg dry	0.091	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	MW
7440-66-6	**Zinc**	**915**		mg/kg dry	0.080	0.571	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:08	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	0.111	0.114	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 0-2' **York Sample ID:** 11E0824-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 24, 2011 3:00 pm	05/26/2011

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**	**87.6**		%	0.100	0.100	1	SM 2540G	06/02/2011 12:51	06/03/2011 08:15	AMC

Sample Information

Client Sample ID: B-5 15' **York Sample ID:** 11E0824-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	06/03/2011 07:34	06/03/2011 07:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	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	06/03/2011 07:34	06/03/2011 07:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.88	22	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	22	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	22	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.52	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.88	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 15'

York Sample ID: 11E0824-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	06/03/2011 07:34	06/03/2011 07:34	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
67-66-3	Chloroform	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.93	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
75-09-2	**Methylene chloride**	**28**	B	ug/kg dry	2.5	22	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
91-20-3	**Naphthalene**	**2.6**	J, B	ug/kg dry	1.2	22	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.76	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.59	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
108-88-3	Toluene	ND		ug/kg dry	0.55	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 15'

York Sample ID: 11E0824-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	06/03/2011 07:34	06/03/2011 07:34	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	06/03/2011 07:34	06/03/2011 07:34	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	99.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	80.1	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	87.2	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	62.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	89.5	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	74.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	58.7	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	154	366	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	80.1	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	87.2	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	55.9	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	107	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	63.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	67.3	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	62.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	46.1	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	66.4	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	138	366	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	76.3	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	19.7	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	72.3	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	82.4	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	60.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	66.2	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
83-32-9	Acenaphthene	ND		ug/kg dry	106	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	51.3	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 15'

York Sample ID: 11E0824-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	65.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
120-12-7	Anthracene	ND		ug/kg dry	45.4	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	70.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.7	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	69.7	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	55.0	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	70.9	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
100-51-6	Benzyl alcohol	ND		ug/kg dry	59.2	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	76.4	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	67.5	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	62.2	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.0	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	61.3	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
218-01-9	Chrysene	ND		ug/kg dry	73.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.3	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	59.1	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	96.1	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	54.7	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	82.4	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
206-44-0	Fluoranthene	ND		ug/kg dry	106	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
86-73-7	Fluorene	ND		ug/kg dry	51.3	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	29.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	73.2	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	136	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	65.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	67.5	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
78-59-1	Isophorone	ND		ug/kg dry	68.0	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
91-20-3	Naphthalene	ND		ug/kg dry	54.7	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	82.4	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	66.2	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.8	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	106	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.3	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
85-01-8	Phenanthrene	ND		ug/kg dry	67.5	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 15'

York Sample ID: 11E0824-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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	73.2	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
129-00-0	Pyrene	ND		ug/kg dry	65.7	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD
110-86-1	Pyridine	ND		ug/kg dry	71.5	183	1	EPA SW-846 8270C	06/01/2011 10:32	06/03/2011 06:05	TD

Pesticides/PCBs, EPA TCL 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	1.61	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.08	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.63	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
309-00-2	Aldrin	ND		ug/kg dry	2.32	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.73	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	86.7	187	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	86.7	187	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	86.7	187	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	86.8	187	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	86.8	187	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	74.7	187	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	74.7	187	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.28	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.5	14.5	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.98	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.14	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.22	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
72-20-8	Endrin	ND		ug/kg dry	2.20	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.44	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.59	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.51	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.89	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.59	3.62	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.35	18.1	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
1336-36-3	Total PCBs	ND		ug/kg dry	74.7	187	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW
8001-35-2	Toxaphene	ND		ug/kg dry	362	362	10	EPA SW 846-8081/8082	06/01/2011 10:39	06/03/2011 00:18	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **B-5 15'** **York Sample ID:** **11E0824-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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**	**5630**		mg/kg dry	1.38	2.20	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-36-0	Antimony	ND		mg/kg dry	0.154	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-38-2	Arsenic	ND		mg/kg dry	0.209	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-39-3	**Barium**	**20.7**		mg/kg dry	0.264	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.009	0.011	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.143	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-70-2	**Calcium**	**876**		mg/kg dry	0.048	2.20	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-47-3	**Chromium**	**11.5**		mg/kg dry	0.088	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-48-4	**Cobalt**	**4.14**		mg/kg dry	0.088	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-50-8	**Copper**	**9.96**		mg/kg dry	0.154	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7439-89-6	**Iron**	**7720**		mg/kg dry	0.604	1.10	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7439-92-1	**Lead**	**2.35**		mg/kg dry	0.110	0.329	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7439-95-4	**Magnesium**	**2270**		mg/kg dry	0.900	2.20	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7439-96-5	**Manganese**	**96.8**		mg/kg dry	0.088	1.10	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-02-0	**Nickel**	**9.80**		mg/kg dry	0.077	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-09-7	**Potassium**	**691**		mg/kg dry	2.99	11.0	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7782-49-2	**Selenium**	**0.915**		mg/kg dry	0.232	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-22-4	Silver	ND		mg/kg dry	0.099	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-23-5	**Sodium**	**128**		mg/kg dry	7.38	11.0	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-28-0	Thallium	ND		mg/kg dry	0.209	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-62-2	**Vanadium**	**11.3**		mg/kg dry	0.088	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	MW
7440-66-6	**Zinc**	**19.0**		mg/kg dry	0.077	0.549	1	EPA SW846-6010B	05/31/2011 15:58	06/01/2011 00:16	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	0.107	0.110	1	EPA SW846-7471	06/01/2011 11:22	06/01/2011 11:22	AA

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: B-5 15'

York Sample ID: 11E0824-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0824	WB08037.50	Soil	May 25, 2011 3:00 pm	05/26/2011

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**	**91.1**		%	0.100	0.100	1	SM 2540G	06/02/2011 12:51	06/03/2011 08:15	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

S-BN	Base/Neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two base/neutral surrogates.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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: Lab received samples for B-5 (0-2ft) and B-5 (15ft) that are not listed on the COC.

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. 11E0824

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Ecosystems Strategies	Company: Same	Company: ESI	WB08037.50	RUSH - Same Day ☐	Summary Report ____
Address: 24 Davis Ave Poughkeepsie NY	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary ____
Phone No. 845-452-1658	Phone No.	Phone No.	Purchase Order No.	RUSH - Two Day ☐	CT RCP Package ____
Contact Person: Kim	Attention: Kim	Attention: Brenda		RUSH - Three Day ☐	NY ASP A Package ____
E-Mail Address: mail@ecosystemsstrategies	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X NJ___	RUSH - Four Day ☐	NY ASP B Package ____
				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.

H. Pentz
Samples Collected/Authorized By (Signature)

Melissia Pentz
Name (printed)

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters			Special Instructions
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color	Field Filtered ☐
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols	Lab to Filter ☐
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	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	

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
B-1 15'	5-24-11	S	VOCS	2oz glass
B-1 15'			TAL metals (6010C) Pest (8081B) PCB (8082A) SVOCS	8oz glass
B6 0-2'			VOCS	2oz
B-6 0-2'			TAL metals, Pest, PCB, SVOCS	8oz
B-6 15'			VOCS	2oz
B-6 15'			TAL metals, Pest, PCB, SVOCS	8oz
B-8 0-2'			VOCS	2oz
B-8 0-2'			TAL metals, Pest, PCB, SVOCS	8oz
B-8 15'			VOCS	2oz
B-8 15'			TAL metals, Pest, PCB, SVOCS	8oz

Comments
6NYRR Part 375

Preservation
Check those Applicable
4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____
ZnAc Ascorbic Acid Other

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	5-26-11	[signature]	5-26-11 11:00
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		Grace	5/26/11 1445

Temperature on Receipt 4.0 °C

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

Field Chain-of-Custody Record

Page____ of ____

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York Project No. 11E0824

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverbles
Company: Ecosystems Strategies	Company: ESI	Company: ESI	WB08037.50	RUSH - Same Day ☐	Summary Report ____
Address: 24 Davis Ave	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ____
Poughkeepsie NY				RUSH - Two Day ☐	CT RCP Package ____
Phone No: 845-452-1650	Phone No.	Phone No.		RUSH - Three Day ☐	NY ASP A Package ____
Contact Person: Kim	Attention: Kim	Attention: Brenda		RUSH - Four Day ☐	NY ASP B Package ____
E-Mail Address: mail@ecosystemsstrategies.com	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.

M. Pentz
Samples Collected/Authorized By (Signature)

Melissia Pentz
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)
B-4 0-2'	5-24-11	S	VOCs	2 oz glass ~~(3)~~
B-4 15'	↓	↓	TAL metals (6010C) Pest (8081B) PCB (8082A) SVOCs	8 oz glass (3)
B-4 0-2'			" "	8 oz
B-4 15			VOCs	2 oz (3)
B-2 0-2'	5-25-11		VOCs	2 oz
B-2 0-2'	↑		TAL metals, Pest, PCB, SVOCs	8 oz
B-2 15'			VOCs	2 oz
B-2 15'	↓		TAL metals, Pest, PCB, SVOCs	8 oz

Comments
CONRR Part 375
~~Part 703.5~~
one MS/MSD

Preservation
Check those Applicable
4°C____ Frozen____ HCl ____ MeOH____ HNO$_3$____ H$_2$SO$_4$____ NaOH____
ZnAc Ascorbic Acid Other

Samples Relinquished By — Date/Time: 5-26-11
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 5-26-11 11:00
Samples Received in LAB by — Date/Time: 5/26/11 1445

Temperature on Receipt: 4.0 °C

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page____ of ____

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York Project No. 11E0824

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverbles
Company: Ecosystem Strategies	Company: Same	Company: ES 1	WB08037.50	RUSH - Same Day ☐	Summary Report ____
Address: 24 Davis Ave Poughkeepsie, NY	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ____
Phone No. 845-452-1658	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package ____
Contact Person: Kim	Attention: Kim	Attention: Brenda		RUSH - Three Day ☐	NY ASP A Package ____
E-Mail Address: mail@ecosystemsstrategies	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X NJ___	RUSH - Four Day ☐	NY ASP B Package ____
				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.

M. Pentz
Samples Collected/Authorized By (Signature)

Melissia Pentz
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)
B-3 0-2'	5-24-11	S	VOCS	2oz glass
B-3 0-2'			Tal metals (EPA 6010C), Pesticides (EPA 8081B) PCB (8082A), SVOCS	8oz glass
B-3			VOCS	2oz glass
B-3			TAL metals, Pest, PCB, SVOCS	8oz glass
B-7 0-2'			VOCS	2oz
B-7 0-2'			TAL metals, Pest, PCB, SVOCS	8oz
B-7 8'			VOCS	2oz
B-7 8'			TAL Metals, Pest, PCB, SVOCS	8oz
B-1 0-2'			VOCS	2oz
B-1 0-2'			TAL Metals Pest, PCB, SVOCS	8oz

Comments
6NYRR Part 375

Preservation
Check those Applicable
4°C____ Frozen____ HCl____ MeOH____ HNO$_3$____ H$_2$SO$_4$____ NaOH____
ZnAc____ Ascorbic Acid____ Other____

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
M. Cor	5-26-11	Chris C	5-26-11 11:00
		Dave	5/26/11 1445
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 4.0°C

APPENDIX E

Laboratory Data Deliverables for Groundwater Analytical Data

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Melissia Pentz

Report Date: 06/29/2011
Client Project ID: WB08037.50
York Project (SDG) No.: 11F0877

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: 06/29/2011
Client Project ID: WB08037.50
York Project (SDG) No.: 11F0877

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Melissia Pentz

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 June 23, 2011 and listed below. The project was identified as your project: **WB08037.50**.

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
11F0877-01	MW-1	Water	06/22/2011	06/23/2011
11F0877-02	MW-2	Water	06/22/2011	06/23/2011
11F0877-03	MW-3	Water	06/22/2011	06/23/2011

General Notes for York Project (SDG) No.: 11F0877

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:** 06/29/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **11F0877-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

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	06/28/2011 08:54	06/28/2011 08:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	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	06/28/2011 08:54	06/28/2011 08:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
67-66-3	**Chloroform**	**3.2**	J	ug/L	0.36	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **11F0877-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

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	06/28/2011 08:54	06/28/2011 08:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
75-09-2	**Methylene chloride**	**6.0**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
1330-20-7P/M	**p- & m- Xylenes**	**0.81**	J	ug/L	0.55	10	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	06/28/2011 08:54	06/28/2011 08:54	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11F0877-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

Semi-Volatiles, 8270 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.54	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.93	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.23	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.80	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	4.24	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.85	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.64	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
105-67-9	2,4-Dimethylphenol	ND		ug/L	4.33	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
51-28-5	2,4-Dinitrophenol	ND		ug/L	11.3	11.8	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/L	4.13	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
91-58-7	2-Chloronaphthalene	ND		ug/L	4.10	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
95-57-8	2-Chlorophenol	ND		ug/L	4.02	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
91-57-6	2-Methylnaphthalene	ND		ug/L	3.62	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
95-48-7	2-Methylphenol	ND		ug/L	1.01	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
88-74-4	2-Nitroaniline	ND		ug/L	3.54	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
88-75-5	2-Nitrophenol	ND		ug/L	3.65	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
100-01-6	3- & 4-Methylphenols	ND		ug/L	4.37	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	4.13	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
99-09-2	3-Nitroaniline	ND		ug/L	1.88	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	7.88	11.8	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	4.05	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	4.27	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
106-47-8	4-Chloroaniline	ND		ug/L	4.40	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.67	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
100-02-7	4-Nitroaniline	ND		ug/L	4.43	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
56-57-5	4-Nitrophenol	ND		ug/L	4.64	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
83-32-9	Acenaphthene	ND		ug/L	3.81	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
208-96-8	Acenaphthylene	ND		ug/L	5.03	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
62-53-3	Aniline	ND		ug/L	2.31	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
120-12-7	Anthracene	ND		ug/L	4.31	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
56-55-3	Benzo(a)anthracene	ND		ug/L	4.79	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	5.70	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	4.85	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	4.89	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11F0877-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

Semi-Volatiles, 8270 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
207-08-9	Benzo(k)fluoranthene	ND		ug/L	4.07	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
100-51-6	Benzyl alcohol	ND		ug/L	4.71	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.71	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.70	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.85	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.89	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	3.03	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
218-01-9	Chrysene	ND		ug/L	4.89	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.65	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
132-64-9	Dibenzofuran	ND		ug/L	3.41	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
84-66-2	Diethyl phthalate	ND		ug/L	2.59	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
131-11-3	Dimethyl phthalate	ND		ug/L	5.70	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.85	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.89	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
206-44-0	Fluoranthene	ND		ug/L	1.88	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
86-73-7	Fluorene	ND		ug/L	3.79	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
118-74-1	Hexachlorobenzene	ND		ug/L	3.48	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
87-68-3	Hexachlorobutadiene	ND		ug/L	3.89	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	4.05	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
67-72-1	Hexachloroethane	ND		ug/L	4.27	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	3.23	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
78-59-1	Isophorone	ND		ug/L	3.80	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
91-20-3	Naphthalene	ND		ug/L	4.54	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
98-95-3	Nitrobenzene	ND		ug/L	2.31	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	3.65	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.03	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	4.26	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
87-86-5	Pentachlorophenol	ND		ug/L	4.43	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
85-01-8	Phenanthrene	ND		ug/L	4.24	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
108-95-2	Phenol	ND		ug/L	3.85	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
129-00-0	Pyrene	ND		ug/L	2.78	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD
110-86-1	Pyridine	ND		ug/L	3.75	5.88	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 04:43	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 11F0877-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

Polychlorinated Biphenyls (PCB) **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
12674-11-2	Aroclor 1016	ND		ug/L	0.0440	0.0606	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 14:40	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0440	0.0606	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 14:40	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0440	0.0606	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 14:40	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0440	0.0606	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 14:40	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0440	0.0606	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 14:40	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0512	0.0606	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 14:40	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0512	0.0606	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 14:40	JW
37324-23-5	Aroclor 1262	ND		ug/L	0.0512	0.0606	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 14:40	JW
11100-14-4	Aroclor 1268	ND		ug/L	0.0512	0.0606	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 14:40	JW
1336-36-3	Total PCBs	ND		ug/L	0.0440	0.0606	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 14:40	JW

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 11F0877-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

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	06/28/2011 13:49	06/28/2011 13:49	SS
71-55-6	**1,1,1-Trichloroethane**	**1.7**	J	ug/L	0.95	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	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	06/28/2011 13:49	06/28/2011 13:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 11F0877-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
75-09-2	**Methylene chloride**	**6.2**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
91-20-3	**Naphthalene**	**1.1**	J, B	ug/L	0.50	10	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 11F0877-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
127-18-4	**Tetrachloroethylene**	**0.88**	J	ug/L	0.52	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	06/28/2011 13:49	06/28/2011 13:49	SS

Semi-Volatiles, 8270 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.42	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.77	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.97	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.90	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.54	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.34	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.98	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
51-28-5	2,4-Dinitrophenol	ND		ug/L	10.4	10.8	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.79	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
91-58-7	2-Chloronaphthalene	ND		ug/L	3.77	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
95-57-8	2-Chlorophenol	ND		ug/L	3.69	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
91-57-6	2-Methylnaphthalene	ND		ug/L	3.32	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
95-48-7	2-Methylphenol	ND		ug/L	0.927	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
88-74-4	2-Nitroaniline	ND		ug/L	3.25	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
88-75-5	2-Nitrophenol	ND		ug/L	3.35	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
100-01-6	3- & 4-Methylphenols	ND		ug/L	4.02	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.80	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 11F0877-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

Semi-Volatiles, 8270 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
99-09-2	3-Nitroaniline	ND		ug/L	1.72	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	7.24	10.8	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.73	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.92	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
106-47-8	4-Chloroaniline	ND		ug/L	4.04	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.37	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
100-02-7	4-Nitroaniline	ND		ug/L	4.07	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
56-57-5	4-Nitrophenol	ND		ug/L	4.26	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
83-32-9	Acenaphthene	ND		ug/L	3.50	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
208-96-8	Acenaphthylene	ND		ug/L	4.62	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
62-53-3	Aniline	ND		ug/L	2.13	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
120-12-7	Anthracene	ND		ug/L	3.96	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
56-55-3	Benzo(a)anthracene	ND		ug/L	4.40	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	5.24	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	4.45	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	4.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.74	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
100-51-6	Benzyl alcohol	ND		ug/L	4.32	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.24	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.45	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.78	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
218-01-9	Chrysene	ND		ug/L	4.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.35	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
132-64-9	Dibenzofuran	ND		ug/L	3.14	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
84-66-2	Diethyl phthalate	ND		ug/L	2.38	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
131-11-3	Dimethyl phthalate	ND		ug/L	5.24	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.45	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
206-44-0	Fluoranthene	ND		ug/L	1.72	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
86-73-7	Fluorene	ND		ug/L	3.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
118-74-1	Hexachlorobenzene	ND		ug/L	3.20	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
87-68-3	Hexachlorobutadiene	ND		ug/L	3.58	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.73	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 11F0877-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

Semi-Volatiles, 8270 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
67-72-1	Hexachloroethane	ND		ug/L	3.92	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.97	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
78-59-1	Isophorone	ND		ug/L	3.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
91-20-3	Naphthalene	ND		ug/L	4.18	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
98-95-3	Nitrobenzene	ND		ug/L	2.13	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	3.35	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.91	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
87-86-5	Pentachlorophenol	ND		ug/L	4.07	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
85-01-8	Phenanthrene	ND		ug/L	3.90	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
108-95-2	Phenol	ND		ug/L	3.54	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
129-00-0	Pyrene	ND		ug/L	2.56	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD
110-86-1	Pyridine	ND		ug/L	3.44	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:14	TD

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		ug/L	0.0392	0.0541	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:19	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0392	0.0541	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:19	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0392	0.0541	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:19	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0392	0.0541	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:19	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0392	0.0541	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:19	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0456	0.0541	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:19	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0456	0.0541	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:19	JW
37324-23-5	Aroclor 1262	ND		ug/L	0.0456	0.0541	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:19	JW
11100-14-4	Aroclor 1268	ND		ug/L	0.0456	0.0541	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:19	JW
1336-36-3	Total PCBs	ND		ug/L	0.0392	0.0541	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:19	JW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 11F0877-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

Metals, Dissolved - Target Analyte (TAL)

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	06/27/2011 07:23	06/27/2011 11:34	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-39-3	**Barium**	**0.071**		mg/L	0.004	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-70-2	**Calcium**	**151**		mg/L	0.009	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7439-89-6	**Iron**	**0.014**		mg/L	0.006	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7439-95-4	**Magnesium**	**43.7**		mg/L	0.008	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7439-96-5	**Manganese**	**0.114**		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-09-7	**Potassium**	**6.12**		mg/L	0.026	0.050	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-23-5	**Sodium**	**54.4**		mg/L	0.066	0.100	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:34	MW

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	06/27/2011 07:23	06/27/2011 11:38	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-39-3	**Barium**	**0.071**		mg/L	0.004	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-70-2	**Calcium**	**151**		mg/L	0.009	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 11F0877-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

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
7439-89-6	**Iron**	**0.025**		mg/L	0.006	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7439-95-4	**Magnesium**	**43.9**		mg/L	0.008	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7439-96-5	**Manganese**	**0.114**		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-09-7	**Potassium**	**6.09**		mg/L	0.026	0.050	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7782-49-2	Selenium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-23-5	**Sodium**	**54.5**		mg/L	0.066	0.100	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:38	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	0.0000390	0.0002000	1	EPA SW846-7470	06/27/2011 14:13	06/27/2011 14:13	AA

Mercury, Dissolved

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	0.0000390	0.0002000	1	EPA SW846-7470	06/28/2011 11:47	06/28/2011 11:47	AA

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 11F0877-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

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	06/28/2011 14:36	06/28/2011 14:36	SS
71-55-6	**1,1,1-Trichloroethane**	**18**		ug/L	0.95	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	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	06/28/2011 14:36	06/28/2011 14:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 11F0877-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

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
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **11F0877-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

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
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
75-09-2	**Methylene chloride**	**5.6**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
91-20-3	**Naphthalene**	**1.1**	J, B	ug/L	0.50	10	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
127-18-4	**Tetrachloroethylene**	**1.7**	J	ug/L	0.52	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
79-01-6	**Trichloroethylene**	**0.82**	J	ug/L	0.57	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	06/28/2011 14:36	06/28/2011 14:36	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 11F0877-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

Semi-Volatiles, 8270 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.42	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.77	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.97	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.90	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.54	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.34	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.98	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
51-28-5	2,4-Dinitrophenol	ND		ug/L	10.4	10.8	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.79	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
91-58-7	2-Chloronaphthalene	ND		ug/L	3.77	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
95-57-8	2-Chlorophenol	ND		ug/L	3.69	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
91-57-6	2-Methylnaphthalene	ND		ug/L	3.32	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
95-48-7	2-Methylphenol	ND		ug/L	0.927	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
88-74-4	2-Nitroaniline	ND		ug/L	3.25	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
88-75-5	2-Nitrophenol	ND		ug/L	3.35	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
100-01-6	3- & 4-Methylphenols	ND		ug/L	4.02	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.80	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
99-09-2	3-Nitroaniline	ND		ug/L	1.72	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	7.24	10.8	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.73	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.92	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
106-47-8	4-Chloroaniline	ND		ug/L	4.04	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.37	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
100-02-7	4-Nitroaniline	ND		ug/L	4.07	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
56-57-5	4-Nitrophenol	ND		ug/L	4.26	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
83-32-9	Acenaphthene	ND		ug/L	3.50	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
208-96-8	Acenaphthylene	ND		ug/L	4.62	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
62-53-3	Aniline	ND		ug/L	2.13	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
120-12-7	Anthracene	ND		ug/L	3.96	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
56-55-3	Benzo(a)anthracene	ND		ug/L	4.40	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	5.24	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	4.45	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	4.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 11F0877-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

Semi-Volatiles, 8270 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
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.74	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
100-51-6	Benzyl alcohol	ND		ug/L	4.32	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.24	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.45	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.78	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
218-01-9	Chrysene	ND		ug/L	4.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.35	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
132-64-9	Dibenzofuran	ND		ug/L	3.14	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
84-66-2	Diethyl phthalate	ND		ug/L	2.38	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
131-11-3	Dimethyl phthalate	ND		ug/L	5.24	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.45	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
206-44-0	Fluoranthene	ND		ug/L	1.72	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
86-73-7	Fluorene	ND		ug/L	3.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
118-74-1	Hexachlorobenzene	ND		ug/L	3.20	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
87-68-3	Hexachlorobutadiene	ND		ug/L	3.58	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.73	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
67-72-1	Hexachloroethane	ND		ug/L	3.92	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.97	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
78-59-1	Isophorone	ND		ug/L	3.49	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
91-20-3	Naphthalene	ND		ug/L	4.18	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
98-95-3	Nitrobenzene	ND		ug/L	2.13	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	3.35	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.91	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
87-86-5	Pentachlorophenol	ND		ug/L	4.07	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
85-01-8	Phenanthrene	ND		ug/L	3.90	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
108-95-2	Phenol	ND		ug/L	3.54	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
129-00-0	Pyrene	ND		ug/L	2.56	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD
110-86-1	Pyridine	ND		ug/L	3.44	5.41	1	EPA SW-846 8270C	06/24/2011 08:17	06/25/2011 05:46	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 11F0877-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		ug/L	0.0605	0.0833	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:57	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0605	0.0833	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:57	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0605	0.0833	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:57	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0605	0.0833	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:57	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0605	0.0833	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:57	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0703	0.0833	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:57	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0703	0.0833	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:57	JW
37324-23-5	Aroclor 1262	ND		ug/L	0.0703	0.0833	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:57	JW
11100-14-4	Aroclor 1268	ND		ug/L	0.0703	0.0833	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:57	JW
1336-36-3	Total PCBs	ND		ug/L	0.0605	0.0833	1	EPA SW 846-8082	06/24/2011 08:15	06/24/2011 15:57	JW

Metals, Dissolved - Target Analyte (TAL)

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	06/27/2011 07:23	06/27/2011 11:43	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-39-3	**Barium**	**0.037**		mg/L	0.004	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-70-2	**Calcium**	**133**		mg/L	0.009	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-50-8	**Copper**	**0.013**		mg/L	0.002	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7439-89-6	**Iron**	**0.018**		mg/L	0.006	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7439-95-4	**Magnesium**	**84.5**		mg/L	0.008	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7439-96-5	**Manganese**	**0.005**		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-09-7	**Potassium**	**8.40**		mg/L	0.026	0.050	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7782-49-2	**Selenium**	**0.015**		mg/L	0.002	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-23-5	**Sodium**	**22.4**		mg/L	0.066	0.100	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:43	MW

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 11F0877-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11F0877	WB08037.50	Water	June 22, 2011 3:00 pm	06/23/2011

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**	**0.078**		mg/L	0.007	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-36-0	Antimony	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-38-2	Arsenic	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-39-3	**Barium**	**0.039**		mg/L	0.004	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-41-7	Beryllium	ND		mg/L	0.0009	0.001	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-43-9	Cadmium	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-70-2	**Calcium**	**134**		mg/L	0.009	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-47-3	Chromium	ND		mg/L	0.0009	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-48-4	Cobalt	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-50-8	**Copper**	**0.014**		mg/L	0.002	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7439-89-6	**Iron**	**0.127**		mg/L	0.006	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7439-92-1	Lead	ND		mg/L	0.001	0.003	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7439-95-4	**Magnesium**	**86.0**		mg/L	0.008	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7439-96-5	**Manganese**	**0.008**		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-02-0	Nickel	ND		mg/L	0.0008	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-09-7	**Potassium**	**8.48**		mg/L	0.026	0.050	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7782-49-2	**Selenium**	**0.013**		mg/L	0.002	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-22-4	Silver	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-23-5	**Sodium**	**22.5**		mg/L	0.066	0.100	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-28-0	Thallium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-62-2	Vanadium	ND		mg/L	0.001	0.010	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	MW
7440-66-6	Zinc	ND		mg/L	0.0009	0.020	1	EPA SW846-6010B	06/27/2011 07:23	06/27/2011 11:48	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	0.0000390	0.0002000	1	EPA SW846-7470	06/27/2011 14:13	06/27/2011 14:13	AA

Mercury, Dissolved

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	0.0000390	0.0002000	1	EPA SW846-7470	06/28/2011 11:47	06/28/2011 11:47	AA

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

S-AC	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.
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. 11F0877

Client Information		Report to:		Invoice To:		Client Project ID	Turn-Around Time		Report Type/Deliverables	
Company:	Ecosystems Strategies, Inc.	SAME	X	SAME	X		RUSH Same Day		Summary	X
Address:	24 Davis Ave	Name:	Melissia	Name:	Brenda	WB08037.50	RUSH Next Day		QA/QC Summary	
		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	Melissia						RUSH Four Day		ASP B Pkg	
E-mail Addr.:	mail@ecosystemsstrategies.com	E-mail:		E-mail			Standard (5-7 days)	X	Excel	X
FAX No.:	845-485-7083	Fax No.:		Fax No.:		Samples from: CT__ NY__ 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.

N. Pentz
Samples Collected/Authorized By (Signature)

Melissia Pentz
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-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Organics Not Detected items	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Organics 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	Sc, Tl, Sb, Cu	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH-IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-1	6/22/2011	GW	VOCs EPA Method 8260	2) voa vials
MW-2	6/22/2011	GW	VOCs EPA Method 8260	2) voa vials
MW-3	6/22/2011	GW	VOCs EPA Method 8260	2) voa vials
MW-1	6/22/2011	GW	SVOCs EPA Method 8270	Amber jar
MW-2	6/22/2011	GW	SVOCs EPA Method 8270	Amber jar
MW-3	6/22/2011	GW	SVOCs EPA Method 8270	Amber jar
MW-1	6/22/2011	GW	PCBs EPA Method 8082	Amber jar
MW-2	6/22/2011	GW	PCBs EPA Method 8082	Amber jar
MW-3	6/22/2011	GW	PCBs EPA Method 8082	Amber jar

Comments

Preservation "X" those applicable: Cool 4°C____ HNO3____ H2SO4____ NaOH____ NONE____ FROZEN____

N. Ca 6-23-11
Samples Relinquished By — Date/Time

Chris @ 6-23-11 10:50
Samples Received By — Date/Time

Samples Relinquished By — Date/Time

J. [illegible] 6/23/11-1650
Samples Received in LAB by — Date/Time

Temperature on Receipt: 4.4 °C

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. 11F0877

Client Information		Report to:		Invoice To:		Client Project ID	Turn-Around Time		Report Type/Deliverables	
Company:	Ecosystems Strategies, Inc.	SAME	X	SAME	X	WB08037.50	RUSH Same Day		Summary	X
Address:	24 Davis Ave	Name:	Melissia	Name:	Brenda		RUSH Next Day		QA/QC Summary	
		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	Melissia						RUSH Four Day		ASP B Pkg	
E-mail Addr.:	mail@ecosystemsstrategies.com	E-mail:		E-mail			Standard (5-7 days)	X	Excel	X
FAX No.:	845-485-7083	Fax No.:		Fax No.:		Samples from: CT__ NY__ 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.

M. Pentz
Samples Collected/Authorized By (Signature)

Melissia Pentz
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-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Full Volatile	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Full Lists	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	Sc, Tl, Sb, Co,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH-IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-2	6/22/2011	GW	total TAL metals varius EPA methods	Amber jar
MW-3	6/22/2011	GW	total TAL metals varius EPA methods	Amber jar
MW-2	6/22/2011	GW	dissolved TAL metals varius EPA methods	Amber jar
MW-3	6/22/2011	GW	dissolved TAL metals varius EPA methods	Amber jar

Comments

Preservation "X" those applicable: Cool 4°C___ HNO3___ H2SO4___ NaOH___ NONE___ FROZEN___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	6-23-11	[signature]	6-23-11 10:37
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[signature]	6/23/11-1650

Temperature on Receipt: 4.4 °C

APPENDIX F

Laboratory Data Deliverables for Soil Vapor Analytical Data

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Kim Punchar

Report Date: 05/27/2011
Client Project ID: WB08037.50
York Project (SDG) No.: 11E0791

CT License No. PH-0723 New Jersey License No. CT-005 ACCREDITED IN ACCORDANCE WITH nelac New York License No. 10854 PA Reg. 68-04440

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

Report Date: 05/27/2011
Client Project ID: WB08037.50
York Project (SDG) No.: 11E0791

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Kim Punchar

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 May 26, 2011 and listed below. The project was identified as your project: **WB08037.50**.

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
11E0791-01	SG-3 (Y78)	Soil Vapor	05/25/2011	05/26/2011
11E0791-02	SG-4 (Y75)	Soil Vapor	05/25/2011	05/26/2011
11E0791-03	SG-1 (Y85)	Soil Vapor	05/25/2011	05/26/2011
11E0791-04	SG-5 (Y84)	Soil Vapor	05/25/2011	05/26/2011
11E0791-05	SG-6 (Y80)	Soil Vapor	05/25/2011	05/26/2011
11E0791-06	SG-2 (Y71)	Soil Vapor	05/25/2011	05/26/2011

General Notes for York Project (SDG) No.: 11E0791

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:** 05/27/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SG-3 (Y78)** **York Sample ID:** **11E0791-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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	2.0	11	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.4	14	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	16	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.8	11	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.99	8.3	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.2	4.0	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.3	15	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.2	10	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.1	12	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.0	4.1	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
78-87-5	**1,2-Dichloropropane**	**15**		ug/m³	2.1	9.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.4	14	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.3	10	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
106-99-0	**1,3-Butadiene**	**22**		ug/m³	1.3	8.9	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.2	12	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.7	12	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.6	7.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	1.1	9.5	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
78-93-3	**2-Butanone**	**25**		ug/m³	2.4	6.0	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
591-78-6	2-Hexanone	ND		ug/m³	4.6	8.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
107-05-1	3-Chloropropene	ND		ug/m³	1.2	6.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	3.0	8.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
67-64-1	**Acetone**	**920**	B	ug/m³	1.5	4.9	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
71-43-2	Benzene	ND		ug/m³	0.98	6.5	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.3	11	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
75-27-4	Bromodichloromethane	ND		ug/m³	3.0	13	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
75-25-2	Bromoform	ND		ug/m³	3.8	21	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
74-83-9	Bromomethane	ND		ug/m³	0.95	7.9	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.76	6.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.5	6.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.7	9.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
75-00-3	Chloroethane	ND		ug/m³	0.65	5.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
67-66-3	Chloroform	ND		ug/m³	1.5	10	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
74-87-3	**Chloromethane**	**27**		ug/m³	1.3	4.2	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-3 (Y78) **York Sample ID:** 11E0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.4	8.1	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.3	9.3	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
110-82-7	Cyclohexane	ND		ug/m³	0.84	7.0	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.5	10	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
141-78-6	**Ethyl acetate**	**26**		ug/m³	1.8	7.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
100-41-4	Ethyl Benzene	ND		ug/m³	1.6	8.9	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.9	22	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
67-63-0	**Isopropanol**	**15**		ug/m³	1.8	5.0	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.88	7.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
75-09-2	Methylene chloride	ND		ug/m³	1.7	7.1	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
142-82-5	n-Heptane	ND		ug/m³	1.0	8.4	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
110-54-3	n-Hexane	ND		ug/m³	0.86	7.2	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
95-47-6	o-Xylene	ND		ug/m³	1.6	8.9	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
1330-20-7P/M	**p- & m- Xylenes**	**8.9**		ug/m³	3.0	8.9	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.8	10	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
115-07-01	**Propylene**	**5.6**		ug/m³	1.6	3.5	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
100-42-5	Styrene	ND		ug/m³	1.6	8.7	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.7	14	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	1.5	6.0	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
108-88-3	Toluene	ND		ug/m³	1.8	7.7	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.97	8.1	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.7	9.3	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
79-01-6	Trichloroethylene	ND		ug/m³	1.3	5.5	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.69	11	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
108-05-4	**Vinyl acetate**	**5.8**		ug/m³	1.1	3.6	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
593-60-2	Vinyl bromide	ND		ug/m³	1.3	4.5	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD
75-01-4	**Vinyl Chloride**	**5.2**		ug/m³	1.3	2.6	20.08	EPA Compendium TO-15	05/27/2011 09:00	05/27/2011 09:00	TD

Sample Information

Client Sample ID: SG-4 (Y75) **York Sample ID:** 11E0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-4 (Y75) **York Sample ID:** 11E0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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**	**18**		ug/m³	2.1	12	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.5	15	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	16	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.9	12	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.0	8.6	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.3	4.2	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.5	16	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.2	10	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.2	13	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.1	4.3	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
78-87-5	**1,2-Dichloropropane**	**16**		ug/m³	2.2	9.8	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.5	15	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.4	10	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.4	9.2	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.3	13	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.8	13	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.9	7.6	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	1.2	9.9	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
78-93-3	**2-Butanone**	**25**		ug/m³	2.5	6.2	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
591-78-6	2-Hexanone	ND		ug/m³	4.8	8.7	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
107-05-1	3-Chloropropene	ND		ug/m³	1.2	6.6	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	3.1	8.7	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
67-64-1	**Acetone**	**890**	B	ug/m³	1.6	5.0	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
71-43-2	Benzene	ND		ug/m³	1.0	6.8	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.3	11	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
75-27-4	Bromodichloromethane	ND		ug/m³	3.2	13	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
75-25-2	Bromoform	ND		ug/m³	3.9	22	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
74-83-9	Bromomethane	ND		ug/m³	0.99	8.2	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.79	6.6	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.6	6.7	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.8	9.8	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
75-00-3	Chloroethane	ND		ug/m³	0.67	5.6	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
67-66-3	Chloroform	ND		ug/m³	1.6	10	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
74-87-3	**Chloromethane**	**28**		ug/m³	1.3	4.4	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.4	8.4	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-4 (Y75) **York Sample ID:** 11E0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.4	9.6	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
110-82-7	Cyclohexane	ND		ug/m³	0.88	7.3	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.6	10	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
141-78-6	Ethyl acetate	ND		ug/m³	1.9	7.6	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
100-41-4	Ethyl Benzene	ND		ug/m³	1.7	9.2	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	4.1	23	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
67-63-0	**Isopropanol**	**18**		ug/m³	1.8	5.2	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.91	7.6	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
75-09-2	Methylene chloride	ND		ug/m³	1.8	7.4	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
142-82-5	n-Heptane	ND		ug/m³	1.0	8.7	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
110-54-3	n-Hexane	ND		ug/m³	0.90	7.5	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
95-47-6	o-Xylene	ND		ug/m³	1.7	9.2	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
1330-20-7P/M	**p- & m- Xylenes**	**9.2**		ug/m³	3.1	9.2	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.9	10	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
115-07-01	Propylene	ND		ug/m³	1.7	3.6	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
100-42-5	Styrene	ND		ug/m³	1.6	9.0	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.7	14	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	1.6	6.2	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
108-88-3	Toluene	ND		ug/m³	1.9	8.0	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.0	8.4	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.7	9.6	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
79-01-6	Trichloroethylene	ND		ug/m³	1.4	5.7	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.71	12	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
108-05-4	**Vinyl acetate**	**6.0**		ug/m³	1.1	3.7	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
593-60-2	Vinyl bromide	ND		ug/m³	1.4	4.6	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD
75-01-4	**Vinyl Chloride**	**5.4**		ug/m³	1.3	2.7	20.83	EPA Compendium TO-15	05/27/2011 09:45	05/27/2011 09:45	TD

Sample Information

Client Sample ID: SG-1 (Y85) **York Sample ID:** 11E0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-1 (Y85) **York Sample ID:** 11E0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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	2.4	13	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.0	17	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	19	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.3	13	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.2	9.8	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.4	4.8	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.9	18	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.4	12	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.6	15	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.3	4.9	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.5	11	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.9	17	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.5	12	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.6	10	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.6	15	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.2	15	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
123-91-1	1,4-Dioxane	ND		ug/m³	7.8	8.7	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	1.4	11	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
78-93-3	**2-Butanone**	**19**		ug/m³	2.9	7.1	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
591-78-6	2-Hexanone	ND		ug/m³	5.4	9.9	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
107-05-1	3-Chloropropene	ND		ug/m³	1.4	7.6	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
108-10-1	**4-Methyl-2-pentanone**	**13**		ug/m³	3.6	9.9	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
67-64-1	**Acetone**	**490**	B	ug/m³	1.8	5.7	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
71-43-2	Benzene	ND		ug/m³	1.2	7.7	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.5	13	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
75-27-4	Bromodichloromethane	ND		ug/m³	3.6	15	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
75-25-2	Bromoform	ND		ug/m³	4.5	25	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
74-83-9	Bromomethane	ND		ug/m³	1.1	9.4	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.90	7.5	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.8	7.6	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
108-90-7	Chlorobenzene	ND		ug/m³	2.0	11	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
75-00-3	Chloroethane	ND		ug/m³	0.77	6.4	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
67-66-3	Chloroform	ND		ug/m³	1.8	12	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
74-87-3	**Chloromethane**	**25**		ug/m³	1.5	5.0	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **SG-1 (Y85)** **York Sample ID:** **11E0791-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.6	9.6	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.7	11	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
110-82-7	Cyclohexane	ND		ug/m³	1.0	8.3	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	3.0	12	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
141-78-6	**Ethyl acetate**	**20**		ug/m³	2.2	8.7	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
100-41-4	Ethyl Benzene	ND		ug/m³	1.9	10	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	4.6	26	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
67-63-0	Isopropanol	ND		ug/m³	2.1	5.9	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.0	8.7	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
75-09-2	Methylene chloride	ND		ug/m³	2.0	8.4	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
142-82-5	n-Heptane	ND		ug/m³	1.2	9.9	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
110-54-3	n-Hexane	ND		ug/m³	1.0	8.5	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
95-47-6	o-Xylene	ND		ug/m³	1.9	10	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	3.6	10	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	2.1	12	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
115-07-01	Propylene	ND		ug/m³	1.9	4.2	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
100-42-5	Styrene	ND		ug/m³	1.9	10	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	2.0	16	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	1.8	7.1	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
108-88-3	Toluene	ND		ug/m³	2.2	9.1	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.2	9.6	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.0	11	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
79-01-6	Trichloroethylene	ND		ug/m³	1.6	6.5	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.82	14	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
108-05-4	**Vinyl acetate**	**5.1**		ug/m³	1.3	4.3	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
593-60-2	Vinyl bromide	ND		ug/m³	1.6	5.3	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD
75-01-4	**Vinyl Chloride**	**5.6**		ug/m³	1.5	3.1	23.77	EPA Compendium TO-15	05/27/2011 10:31	05/27/2011 10:31	TD

Sample Information

Client Sample ID: **SG-5 (Y84)** **York Sample ID:** **11E0791-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-5 (Y84) **York Sample ID:** 11E0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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	2.1	12	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
79-34-5	**1,1,2,2-Tetrachloroethane**	**18**		ug/m³	3.5	15	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	16	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.9	12	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.0	8.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.3	4.3	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.5	16	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.3	11	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.2	13	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.1	4.3	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.2	9.9	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.5	15	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.4	11	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.4	9.3	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.3	13	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.8	13	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
123-91-1	1,4-Dioxane	ND		ug/m³	7.0	7.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	1.2	10	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
78-93-3	**2-Butanone**	**44**		ug/m³	2.5	6.3	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
591-78-6	2-Hexanone	ND		ug/m³	4.8	8.8	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
107-05-1	3-Chloropropene	ND		ug/m³	1.2	6.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
108-10-1	**4-Methyl-2-pentanone**	**11**		ug/m³	3.2	8.8	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
67-64-1	**Acetone**	**860**	B	ug/m³	1.6	5.1	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
71-43-2	Benzene	ND		ug/m³	1.0	6.8	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.3	11	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
75-27-4	Bromodichloromethane	ND		ug/m³	3.2	13	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
75-25-2	Bromoform	ND		ug/m³	4.0	22	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
74-83-9	Bromomethane	ND		ug/m³	1.0	8.3	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.80	6.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.6	6.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.8	9.9	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
75-00-3	Chloroethane	ND		ug/m³	0.68	5.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
67-66-3	**Chloroform**	**40**		ug/m³	1.6	10	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
74-87-3	**Chloromethane**	**22**		ug/m³	1.3	4.4	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.4	8.5	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-5 (Y84) **York Sample ID:** 11E0791-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.4	9.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
110-82-7	Cyclohexane	ND		ug/m³	0.89	7.4	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.7	11	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
141-78-6	Ethyl acetate	ND		ug/m³	1.9	7.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
100-41-4	Ethyl Benzene	ND		ug/m³	1.7	9.3	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	4.1	23	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
67-63-0	**Isopropanol**	**16**		ug/m³	1.8	5.3	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.93	7.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
75-09-2	Methylene chloride	ND		ug/m³	1.8	7.4	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
142-82-5	n-Heptane	ND		ug/m³	1.1	8.8	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
110-54-3	n-Hexane	ND		ug/m³	0.91	7.6	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
95-47-6	o-Xylene	ND		ug/m³	1.7	9.3	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
1330-20-7P/M	**p- & m- Xylenes**	**16**		ug/m³	3.2	9.3	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.9	11	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
115-07-01	**Propylene**	**23**		ug/m³	1.7	3.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
100-42-5	Styrene	ND		ug/m³	1.6	9.1	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.7	15	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
109-99-9	**Tetrahydrofuran**	**15**		ug/m³	1.6	6.3	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
108-88-3	**Toluene**	**8.1**		ug/m³	1.9	8.1	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.0	8.5	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.8	9.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
79-01-6	Trichloroethylene	ND		ug/m³	1.4	5.8	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.72	12	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
108-05-4	Vinyl acetate	ND		ug/m³	1.1	3.8	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
593-60-2	Vinyl bromide	ND		ug/m³	1.4	4.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD
75-01-4	**Vinyl Chloride**	**4.9**		ug/m³	1.3	2.7	21.08	EPA Compendium TO-15	05/27/2011 11:16	05/27/2011 11:16	TD

Sample Information

Client Sample ID: SG-6 (Y80) **York Sample ID:** 11E0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-6 (Y80) **York Sample ID:** 11E0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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**	**15**		ug/m³	2.1	11	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.5	14	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.1	16	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.9	11	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.0	8.5	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.2	4.2	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.4	16	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.2	10	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.2	13	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.0	4.3	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.1	9.7	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.5	15	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.3	10	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.4	9.1	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.3	13	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.8	13	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.8	7.6	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	1.2	9.8	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
78-93-3	**2-Butanone**	**25**		ug/m³	2.5	6.2	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
591-78-6	2-Hexanone	ND		ug/m³	4.7	8.6	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
107-05-1	3-Chloropropene	ND		ug/m³	1.2	6.6	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	3.1	8.6	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
67-64-1	**Acetone**	**770**	B	ug/m³	1.5	5.0	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
71-43-2	Benzene	ND		ug/m³	1.0	6.7	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.3	11	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
75-27-4	Bromodichloromethane	ND		ug/m³	3.1	13	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
75-25-2	Bromoform	ND		ug/m³	3.9	22	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
74-83-9	Bromomethane	ND		ug/m³	0.98	8.2	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.79	6.5	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.6	6.6	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.7	9.7	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
75-00-3	Chloroethane	ND		ug/m³	0.67	5.5	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
67-66-3	**Chloroform**	**17**		ug/m³	1.5	10	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
74-87-3	**Chloromethane**	**20**		ug/m³	1.3	4.3	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-6 (Y80) **York Sample ID:** 11E0791-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.4	8.3	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.4	9.5	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
110-82-7	Cyclohexane	ND		ug/m³	0.87	7.2	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.6	10	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
141-78-6	**Ethyl acetate**	**27**		ug/m³	1.9	7.6	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
100-41-4	Ethyl Benzene	ND		ug/m³	1.6	9.1	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	4.0	22	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
67-63-0	**Isopropanol**	**9.8**		ug/m³	1.8	5.2	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.91	7.6	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
75-09-2	Methylene chloride	ND		ug/m³	1.8	7.3	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
142-82-5	n-Heptane	ND		ug/m³	1.0	8.6	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
110-54-3	n-Hexane	ND		ug/m³	0.89	7.4	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
95-47-6	o-Xylene	ND		ug/m³	1.6	9.1	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
1330-20-7P/M	**p- & m- Xylenes**	**11**		ug/m³	3.1	9.1	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.9	10	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
115-07-01	**Propylene**	**12**		ug/m³	1.7	3.6	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
100-42-5	Styrene	ND		ug/m³	1.6	9.0	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.7	14	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
109-99-9	**Tetrahydrofuran**	**9.3**		ug/m³	1.5	6.2	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
108-88-3	Toluene	ND		ug/m³	1.9	7.9	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.0	8.3	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.7	9.5	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
79-01-6	**Trichloroethylene**	**9.0**		ug/m³	1.4	5.6	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.71	12	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
108-05-4	**Vinyl acetate**	**4.4**		ug/m³	1.1	3.7	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
593-60-2	Vinyl bromide	ND		ug/m³	1.4	4.6	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD
75-01-4	**Vinyl Chloride**	**5.4**		ug/m³	1.3	2.7	20.66	EPA Compendium TO-15	05/27/2011 12:01	05/27/2011 12:01	TD

Sample Information

Client Sample ID: SG-2 (Y71) **York Sample ID:** 11E0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 (Y71) **York Sample ID:** 11E0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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**	**40**		ug/m³	2.1	12	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
79-34-5	**1,1,2,2-Tetrachloroethane**	**22**		ug/m³	3.5	15	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	17	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.9	12	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.0	8.7	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.3	4.3	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.5	16	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.3	11	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.2	13	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.1	4.4	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
78-87-5	**1,2-Dichloropropane**	**11**		ug/m³	2.2	10	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.6	15	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.4	11	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
106-99-0	1,3-Butadiene	ND		ug/m³	1.4	9.3	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.3	13	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.8	13	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
123-91-1	1,4-Dioxane	ND		ug/m³	7.0	7.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	1.2	10	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
78-93-3	**2-Butanone**	**25**		ug/m³	2.5	6.4	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
591-78-6	2-Hexanone	ND		ug/m³	4.9	8.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
107-05-1	3-Chloropropene	ND		ug/m³	1.2	6.7	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
108-10-1	**4-Methyl-2-pentanone**	**13**		ug/m³	3.2	8.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
67-64-1	**Acetone**	**650**	B	ug/m³	1.6	5.1	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
71-43-2	**Benzene**	**8.3**		ug/m³	1.0	6.9	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
100-44-7	Benzyl chloride	ND		ug/m³	1.3	11	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
75-27-4	Bromodichloromethane	ND		ug/m³	3.2	13	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
75-25-2	Bromoform	ND		ug/m³	4.0	22	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
74-83-9	Bromomethane	ND		ug/m³	1.0	8.4	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
75-15-0	**Carbon disulfide**	**8.7**		ug/m³	0.80	6.7	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	1.6	6.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
108-90-7	Chlorobenzene	ND		ug/m³	1.8	9.9	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
75-00-3	Chloroethane	ND		ug/m³	0.68	5.7	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
67-66-3	Chloroform	ND		ug/m³	1.6	11	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
74-87-3	**Chloromethane**	**21**		ug/m³	1.3	4.4	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.5	8.5	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: SG-2 (Y71) **York Sample ID:** 11E0791-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0791	WB08037.50	Soil Vapor	May 25, 2011 3:00 pm	05/26/2011

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.4	9.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
110-82-7	Cyclohexane	ND		ug/m³	0.89	7.4	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.7	11	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
141-78-6	**Ethyl acetate**	**27**		ug/m³	1.9	7.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
100-41-4	Ethyl Benzene	ND		ug/m³	1.7	9.4	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	4.1	23	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
67-63-0	Isopropanol	ND		ug/m³	1.9	5.3	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.93	7.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
75-09-2	Methylene chloride	ND		ug/m³	1.8	7.5	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
142-82-5	n-Heptane	ND		ug/m³	1.1	8.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
110-54-3	**n-Hexane**	**8.4**		ug/m³	0.91	7.6	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
95-47-6	o-Xylene	ND		ug/m³	1.7	9.4	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
1330-20-7P/M	**p- & m- Xylenes**	**17**		ug/m³	3.2	9.4	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.9	11	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
115-07-01	**Propylene**	**50**		ug/m³	1.7	3.7	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
100-42-5	Styrene	ND		ug/m³	1.7	9.2	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
127-18-4	**Tetrachloroethylene**	**22**		ug/m³	1.8	15	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
109-99-9	**Tetrahydrofuran**	**10**		ug/m³	1.6	6.4	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
108-88-3	**Toluene**	**11**		ug/m³	1.9	8.1	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.0	8.5	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.8	9.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
79-01-6	Trichloroethylene	ND		ug/m³	1.4	5.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.73	12	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
108-05-4	**Vinyl acetate**	**6.1**		ug/m³	1.1	3.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
593-60-2	Vinyl bromide	ND		ug/m³	1.4	4.7	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD
75-01-4	**Vinyl Chloride**	**5.0**		ug/m³	1.3	2.8	21.18	EPA Compendium TO-15	05/27/2011 12:47	05/27/2011 12:47	TD

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

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

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

Corrective Action:

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page____ of ____

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

York Project No. 11E0791

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverbles
Company: Ecosystems Strategies	Company: ESI	Company: ESI	WB08037.50	RUSH - Same Day ☐	Summary Report ____
Address: 24 Davis Ave	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary ____
Poughkeepsie NY			Purchase Order No.	RUSH - Two Day ☐	CT RCP Package ____
Phone No. 845-452-1656	Phone No.	Phone No.		RUSH - Three Day ☐	NY ASP A Package ____
Contact Person: Kim	Attention: Kim	Attention: Brenda		RUSH - Four Day ☐	NY ASP B Package ____
E-Mail Address: Mail@ecosystemsstrategies.com	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.

M. Pentz
Samples Collected/Authorized By (Signature)

Melissia Pentz
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 MetCN	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)
SG-3 (Y78)	5-25-11	Air-SV	TO-15VOC	Summa canister
SG-4 (Y75)	↓	↓		↓
SG-1 (Y85)				
SG-5 (Y84)				
SG-6 (Y80)				
SG-2 (Y71)				

Comments
NYSDOH Soil Vapor Intrusion Guidance

Preservation
Check those Applicable
4°C____ Frozen____ HCl____ MeOH____ HNO$_3$____ H$_2$SO$_4$____ NaOH____
ZnAc Ascorbic Acid Other

M. C. 5-25-11
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chris C 5-26-11 11:00
Samples Received By Date/Time

Brace 5/26/11 1445
Samples Received in LAB by Date/Time

Temperature on Receipt
___°C